

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/31/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	61.21	54.96	54.58	54.88	52.12	54.36	53.04	53.73	63.52	71.50	56.41	70.91	64.62	107.44	69.94	53.79	47.94	46.03	43.51	44.84	43.88	34.19	30.66	26.90
24138	3.35	3.13	3.27	3.29	3.17	3.03	3.12	3.50	4.02	4.53	4.13	5.05	5.08	8.25	4.30	3.58	2.40	2.98	3.08	2.73	2.72	2.10	1.90	1.60
	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	-11.85	-2.26	-13.84	-4.22	0.00	0.00	0.00	0.00	0.00	-1.61
74TH STREET_GT_1	61.35	55.08	54.68	54.94	52.17	54.42	53.06	53.73	63.49	71.54	56.43	70.86	64.60	107.34	69.93	53.78	47.88	45.93	43.46	44.86	43.92	34.22	30.68	26.89
24260	3.49	3.24	3.36	3.35	3.22	3.08	3.14	3.50	4.00	4.57	4.15	5.00	5.05	8.15	4.29	3.57	2.35	2.89	3.03	2.76	2.76	2.13	1.93	1.61
	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.83	-4.22	0.00	0.00	0.00	0.00	0.00	-1.60
74TH STREET_GT_2	61.35	55.08	54.68	54.94	52.17	54.42	53.06	53.73	63.49	71.54	56.43	70.86	64.60	107.34	69.93	53.78	47.88	45.93	43.46	44.86	43.92	34.22	30.68	26.89
24261	3.49	3.24	3.36	3.35	3.22	3.08	3.14	3.50	4.00	4.57	4.15	5.00	5.05	8.15	4.29	3.57	2.35	2.89	3.03	2.76	2.76	2.13	1.93	1.61
	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	-11.85	-2.26	-13.83	-4.22	0.00	0.00	0.00	0.00	0.00	-1.60
ADK HUDSON___FALLS	61.63	55.20	54.79	55.24	52.12	54.95	53.26	53.68	63.56	71.70	55.52	69.77	62.92	102.40	56.53	50.40	33.16	40.75	42.49	44.36	43.52	33.88	30.40	25.19
24011	3.77	3.37	3.47	3.66	3.47	3.61	3.34	3.45	4.06	4.73	3.25	3.92	3.37	4.51	2.74	2.45	1.47	1.93	2.06	2.25	2.36	1.79	1.65	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24
ADK RESOURCE___RCVRY	62.16	55.70	55.27	55.74	52.59	55.43	53.72	54.12	64.11	72.38	55.98	70.32	63.38	102.89	56.85	50.72	33.29	41.00	42.77	44.74	43.85	34.10	30.62	25.33
23798	4.30	3.87	3.95	4.14	3.94	4.09	3.80	3.89	4.60	5.42	3.70	4.46	3.84	5.00	3.06	2.77	1.60	2.18	2.34	2.63	2.69	2.00	1.86	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24
ADK S GLENS___FALLS	61.63	55.20	54.79	55.24	52.12	54.95	53.26	53.68	63.56	71.70	55.52	69.77	62.92	102.40	56.53	50.40	33.16	40.75	42.49	44.36	43.52	33.88	30.40	25.19
24028	3.77	3.37	3.47	3.66	3.47	3.61	3.34	3.45	4.06	4.73	3.25	3.92	3.37	4.51	2.74	2.45	1.47	1.93	2.06	2.25	2.36	1.79	1.65	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24
ADK_NYS___DAM	60.33	54.18	53.93	54.32	51.27	54.12	52.34	53.02	62.50	70.50	54.83	69.00	62.54	101.69	56.07	49.96	32.87	40.22	41.92	43.65	42.77	33.38	30.02	24.96
23527	2.47	2.35	2.62	2.72	2.58	2.78	2.43	2.80	3.00	3.54	2.56	3.14	2.99	3.79	2.28	2.01	1.17	1.40	1.49	1.54	1.62	1.29	1.26	0.97
	0.00	0.00	0.00	0.00	-0.04	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	-0.30
AIR_PRODUCTS___DRP	57.89	52.08	52.05	52.49	49.53	52.20	50.34	50.86	60.00	67.54	52.71	66.35	60.22	98.42	54.18	48.22	31.99	39.06	40.56	42.16	41.26	32.31	29.03	24.15
24190	0.03	0.25	0.73	0.90	0.88	0.86	0.43	0.63	0.50	0.58	0.43	0.49	0.68	0.52	0.39	0.27	0.29	0.24	0.13	0.05	0.11	0.22	0.27	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26
AKWESSNE_115KV_BK	58.06	51.97	51.34	51.50	48.56	51.22	49.99	50.33	59.69	67.23	52.56	66.18	59.45	98.11	53.67	48.28	31.87	39.16	40.84	42.66	41.66	32.27	28.94	23.86
355683	0.20	0.13	0.02	-0.09	-0.09	-0.12	0.07	0.11	0.20	0.27	0.28	0.33	-0.09	0.21	-0.12	0.33	0.17	0.34	0.41	0.55	0.50	0.18	0.18	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	58.43	53.11	53.02	53.55	50.52	53.27	51.47	51.93	61.24	68.98	53.79	67.69	61.39	100.38	55.15	49.04	32.54	39.78	41.38	43.04	42.12	32.94	29.56	24.55
323833	0.57	1.28	1.70	1.96	1.87	1.93	1.55	1.70	1.74	2.01	1.52	1.84	1.85	2.49	1.36	1.09	0.84	0.96	0.95	0.94	0.97	0.85	0.80	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24
ALBANY_2_SOLAR	58.41	53.08	53.00	53.54	50.50	53.25	51.45	51.91	61.22	68.96	53.78	67.68	61.37	100.32	55.14	49.03	32.53	39.78	41.37	43.04	42.10	32.93	29.55	24.55
323834	0.55	1.25	1.68	1.95	1.85	1.92	1.53	1.68	1.72	1.99	1.51	1.83	1.83	2.42	1.35	1.08	0.84	0.95	0.94	0.93	0.94	0.83	0.79	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24
ALBANY___1	57.89	52.08	52.05	52.49	49.53	52.20	50.34	50.86	60.00	67.54	52.71	66.35	60.22	98.42	54.18	48.22	31.99	39.06	40.56	42.16	41.26	32.31	29.03	24.15
23571	0.03	0.25	0.73	0.90	0.88	0.86	0.43	0.63	0.50	0.58	0.43	0.49	0.68	0.52	0.39	0.27	0.29	0.24	0.13	0.05	0.11	0.22	0.27	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26

ALBANY___2 23572	57.89 0.03 0.00	52.08 0.25 0.00	52.05 0.73 0.00	52.49 0.90 0.00	49.53 0.88 0.00	52.20 0.86 0.00	50.34 0.43 0.00	50.86 0.63 0.00	60.00 0.50 0.00	67.54 0.58 0.00	52.71 0.43 0.00	66.35 0.49 0.00	60.22 0.68 0.00	98.42 0.52 0.00	54.18 0.39 0.00	48.22 0.27 0.00	31.99 0.29 0.00	39.06 0.24 0.00	40.56 0.13 0.00	42.16 0.05 0.00	41.26 0.11 0.00	32.31 0.22 0.00	29.03 0.27 0.00	24.15 0.19 -0.26
ALBANY___3 23573	57.89 0.03 0.00	52.08 0.25 0.00	52.05 0.73 0.00	52.49 0.90 0.00	49.53 0.88 0.00	52.20 0.86 0.00	50.34 0.43 0.00	50.86 0.63 0.00	60.00 0.50 0.00	67.54 0.58 0.00	52.71 0.43 0.00	66.35 0.49 0.00	60.22 0.68 0.00	98.42 0.52 0.00	54.18 0.39 0.00	48.22 0.27 0.00	31.99 0.29 0.00	39.06 0.24 0.00	40.56 0.13 0.00	42.16 0.05 0.00	41.26 0.11 0.00	32.31 0.22 0.00	29.03 0.27 0.00	24.15 0.19 -0.26
ALBANY___4 23574	57.89 0.03 0.00	52.08 0.25 0.00	52.05 0.73 0.00	52.49 0.90 0.00	49.53 0.88 0.00	52.20 0.86 0.00	50.34 0.43 0.00	50.86 0.63 0.00	60.00 0.50 0.00	67.54 0.58 0.00	52.71 0.43 0.00	66.35 0.49 0.00	60.22 0.68 0.00	98.42 0.52 0.00	54.18 0.39 0.00	48.22 0.27 0.00	31.99 0.29 0.00	39.06 0.24 0.00	40.56 0.13 0.00	42.16 0.05 0.00	41.26 0.11 0.00	32.31 0.22 0.00	29.03 0.27 0.00	24.15 0.19 -0.26
ALBANY___LFGE 323615	58.69 0.83 0.00	52.79 0.95 0.00	52.67 1.36 0.00	53.07 1.48 0.00	50.08 1.43 0.00	52.79 1.45 0.00	50.96 1.05 0.00	51.49 1.26 0.00	60.75 1.25 0.00	68.41 1.45 0.00	53.37 1.10 0.00	67.19 1.33 0.00	60.95 1.40 0.00	99.60 1.71 0.00	54.84 1.05 0.00	48.81 0.86 0.00	32.35 0.65 0.00	39.50 0.68 0.00	41.04 0.61 0.00	42.66 0.55 0.00	41.76 0.60 0.00	32.67 0.58 0.00	29.33 0.57 0.00	24.37 0.43 -0.26
ALCOA_PA_115KV_PL-6C 55860	58.33 0.47 0.00	52.20 0.37 0.00	51.56 0.24 0.00	51.71 0.12 0.00	48.79 0.15 0.00	51.48 0.14 0.00	50.27 0.35 0.00	50.66 0.43 0.00	60.06 0.56 0.00	67.58 0.61 0.00	52.83 0.55 0.00	66.48 0.62 0.00	59.11 -0.43 0.00	98.32 0.42 0.00	54.07 0.28 0.00	48.48 0.53 0.00	32.00 0.31 0.00	39.33 0.51 0.00	40.98 0.55 0.00	42.83 0.72 0.00	41.86 0.71 0.00	32.45 0.35 0.00	29.11 0.35 0.00	24.01 0.33 0.00
ALCOA_RYNLDS___DRP 24188	58.33 0.47 0.00	52.20 0.37 0.00	51.56 0.24 0.00	51.71 0.12 0.00	48.79 0.15 0.00	51.48 0.14 0.00	50.27 0.35 0.00	50.66 0.43 0.00	60.06 0.56 0.00	67.58 0.61 0.00	52.83 0.55 0.00	66.48 0.62 0.00	59.11 -0.43 0.00	98.32 0.42 0.00	54.07 0.28 0.00	48.48 0.53 0.00	32.00 0.31 0.00	39.33 0.51 0.00	40.98 0.55 0.00	42.83 0.72 0.00	41.86 0.71 0.00	32.45 0.35 0.00	29.11 0.35 0.00	24.01 0.33 0.00
ALCOA___DSASP 323711	58.33 0.47 0.00	52.20 0.37 0.00	51.56 0.24 0.00	51.71 0.13 0.00	48.79 0.15 0.00	51.48 0.14 0.00	50.27 0.35 0.00	50.66 0.44 0.00	60.06 0.56 0.00	67.58 0.61 0.00	52.83 0.56 0.00	66.48 0.62 0.00	59.11 -0.44 0.00	98.33 0.43 0.00	54.07 0.28 0.00	48.48 0.53 0.00	32.00 0.31 0.00	39.33 0.51 0.00	40.97 0.55 0.00	42.83 0.72 0.00	41.87 0.71 0.00	32.45 0.35 0.00	29.11 0.35 0.00	24.01 0.33 0.00
ALLEGHENY___COGEN 23514	59.68 1.82 0.00	53.23 1.40 0.00	51.92 0.60 0.00	51.81 0.22 0.00	48.55 -0.10 0.00	51.51 0.17 0.00	50.17 0.25 0.00	50.32 0.10 0.00	59.24 -0.26 0.00	66.54 -0.43 0.00	51.49 -0.78 0.00	65.19 -0.67 0.00	58.03 -1.52 0.00	96.42 -1.49 0.00	52.99 -0.80 0.00	47.01 -0.94 0.00	30.99 -0.70 0.00	37.95 -0.87 0.00	39.46 -0.96 0.00	41.02 -1.08 0.00	40.86 -0.30 0.00	32.12 0.02 0.00	28.51 -0.24 0.00	23.53 -0.16 0.00
ALTAMONT_115KV_TB 2 55880	58.64 0.78 0.00	52.70 0.86 0.00	52.47 1.16 0.00	52.91 1.31 0.00	49.90 1.25 0.00	52.59 1.26 0.00	50.92 1.00 0.00	51.37 1.14 0.00	60.67 1.17 0.00	68.31 1.34 0.00	53.34 1.07 0.00	67.17 1.32 0.00	60.91 1.37 0.00	99.64 1.75 0.00	54.81 1.02 0.00	48.77 0.82 0.00	32.27 0.57 0.00	39.48 0.66 0.00	41.07 0.64 0.00	42.69 0.59 0.00	41.80 0.64 0.00	32.64 0.54 0.00	29.29 0.53 0.00	24.37 0.43 -0.26
ALTONA_WT_PWR 323606	58.23 0.36 0.00	52.36 0.52 0.00	51.74 0.42 0.00	51.93 0.33 0.00	48.98 0.33 0.00	51.69 0.35 0.00	50.30 0.38 0.00	50.68 0.46 0.00	59.97 0.47 0.00	67.56 0.59 0.00	52.51 0.24 0.00	66.06 0.20 0.00	59.50 -0.04 0.00	97.94 0.04 0.00	53.91 0.12 0.00	48.34 0.39 0.00	31.87 0.18 0.00	39.21 0.39 0.00	40.91 0.48 0.00	42.79 0.69 0.00	41.85 0.70 0.00	32.45 0.36 0.00	29.15 0.39 0.00	24.09 0.40 0.00
AMERICAN_REF_FUEL 24010	56.74 -1.12 0.00	50.84 -0.99 0.00	50.01 -1.30 0.00	49.95 -1.64 0.00	46.74 -1.91 0.00	49.53 -1.81 0.00	48.09 -1.83 0.00	47.88 -2.34 0.00	56.26 -3.23 0.00	63.09 -3.87 0.00	48.22 -4.05 0.00	61.63 -4.23 0.00	54.84 -4.71 0.00	91.40 -6.50 0.00	50.08 -3.71 0.00	44.74 -3.21 0.00	29.06 -2.63 0.00	35.82 -3.01 0.00	37.25 -3.18 0.00	39.09 -3.01 0.00	38.29 -2.87 0.00	30.09 -2.00 0.00	26.97 -1.79 0.00	22.39 -1.30 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	57.72 -0.13 0.00	51.94 0.11 0.00	50.74 -0.58 0.00	50.60 -0.99 0.00	46.76 -1.88 0.00	49.66 -1.68 0.00	48.24 -1.68 0.00	48.13 -2.09 0.00	57.68 -1.82 0.00	65.60 -1.36 0.00	50.60 -1.68 0.00	64.00 -1.86 0.00	56.32 -3.22 0.00	94.49 -3.41 0.00	52.10 -1.69 0.00	46.37 -1.58 0.00	30.09 -1.60 0.00	36.73 -2.09 0.00	38.19 -2.24 0.00	40.18 -1.92 0.00	39.61 -1.54 0.00	30.81 -1.29 0.00	27.57 -1.19 0.00	22.72 -0.96 0.00
ARTHUR KILL_GT_1 23520	60.53 2.67 0.00	53.75 2.39 0.48	53.45 2.77 0.63	53.50 2.48 0.57	51.58 2.63 -0.30	53.28 2.31 0.37	52.34 2.42 0.00	52.71 2.66 0.18	55.28 2.68 6.90	57.13 3.12 12.95	52.25 3.29 3.32	61.26 3.58 8.17	63.57 4.03 0.00	102.29 6.33 1.95	68.79 3.15 -11.85	51.29 2.92 -0.42	47.77 2.24 -13.83	45.68 2.63 -4.22	43.14 2.71 0.00	44.61 2.50 0.00	43.85 2.69 0.00	34.16 2.06 0.00	30.62 1.86 0.00	26.82 1.53 -1.60
ARTHUR_KILL_2 23512	60.24 2.38 0.00	53.52 2.16 0.48	53.19 2.51 0.63	53.28 2.26 0.57	51.37 2.42 -0.30	53.07 2.10 0.37	52.11 2.20 0.00	52.46 2.41 0.18	55.02 2.42 6.90	56.82 2.80 12.95	52.00 3.04 3.32	60.95 3.27 8.18	63.30 3.76 0.00	101.79 5.85 1.95	68.51 2.88 -11.84	51.02 2.65 -0.42	47.63 2.10 -13.83	45.51 2.46 -4.22	42.99 2.56 0.00	44.45 2.34 0.00	43.68 2.52 0.00	34.03 1.93 0.00	30.51 1.75 0.00	26.74 1.45 -1.61
ARTHUR_KILL_3 23513	60.27 2.41 0.00	53.67 2.30 0.47	53.11 2.49 0.69	53.49 2.47 0.58	51.37 2.42 -0.30	53.18 2.22 0.37	52.20 2.28 0.00	52.68 2.63 0.17	55.50 2.91 6.90	57.29 3.28 12.95	52.12 3.16 3.32	61.48 3.79 8.17	63.56 4.02 0.00	102.39 6.44 1.95	68.29 3.34 -11.16	50.18 2.74 0.51	47.42 1.89 -13.83	45.38 2.33 -4.22	42.85 2.42 0.00	44.21 2.10 0.00	43.30 2.13 0.00	33.75 1.65 0.00	30.29 1.53 0.00	26.60 1.31 -1.61

ARTHUR_KILL_COGEN 323718	60.53 2.67 0.00	53.76 2.40 0.48	53.43 2.75 0.63	53.51 2.49 0.57	51.58 2.63 -0.30	53.28 2.31 0.37	52.34 2.42 0.00	52.68 2.63 0.18	55.29 2.69 6.90	57.12 3.11 12.95	52.25 3.29 3.32	61.26 3.58 8.18	63.57 4.03 0.00	102.29 6.34 1.95	68.81 3.18 -11.84	51.27 2.90 -0.42	47.77 2.24 -13.83	45.67 2.63 -4.22	43.14 2.72 0.00	44.62 2.51 0.00	43.85 2.69 0.00	34.16 2.06 0.00	30.63 1.87 0.00	26.82 1.53 -1.61
ASHOKAN____ 23654	60.12 2.26 0.00	54.04 2.20 0.00	53.63 2.32 0.00	53.98 2.39 0.00	50.88 2.23 0.00	53.61 2.27 0.00	52.07 2.15 0.00	52.57 2.34 0.00	62.24 2.74 0.00	70.08 3.12 0.00	54.92 2.65 0.00	68.99 3.14 0.00	62.96 3.41 0.00	102.75 4.86 0.00	56.29 2.50 0.00	50.07 2.12 0.00	33.21 1.51 0.00	40.55 1.73 0.00	42.19 1.77 0.00	43.79 1.69 0.00	42.84 1.68 0.00	33.36 1.27 0.00	29.85 1.09 0.00	24.52 0.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	60.44 2.58 0.00	54.51 2.68 0.00	54.29 2.97 0.00	54.33 2.74 0.00	51.61 2.66 -0.30	53.77 2.43 0.00	52.40 2.48 0.00	52.94 2.72 0.00	62.37 2.87 0.00	70.21 3.25 0.00	55.71 3.43 0.00	69.37 3.52 0.00	63.45 3.91 0.00	105.50 6.03 -1.57	68.87 3.24 -11.85	53.01 2.80 -2.25	47.49 1.96 -13.83	45.49 2.45 -4.22	42.85 2.42 0.00	44.21 2.10 0.00	43.51 2.35 0.00	33.96 1.87 0.00	30.53 1.77 0.00	26.73 1.44 -1.60
ASTORIA_EAST_ENERGY_CC2 323582	60.44 2.58 0.00	54.51 2.68 0.00	54.29 2.97 0.00	54.33 2.74 0.00	51.61 2.66 -0.30	53.77 2.43 0.00	52.40 2.48 0.00	52.94 2.72 0.00	62.37 2.87 0.00	70.21 3.25 0.00	55.71 3.43 0.00	69.37 3.52 0.00	63.45 3.91 0.00	105.50 6.03 -1.57	68.87 3.24 -11.85	53.01 2.80 -2.25	47.49 1.96 -13.83	45.49 2.45 -4.22	42.85 2.42 0.00	44.21 2.10 0.00	43.51 2.35 0.00	33.96 1.87 0.00	30.53 1.77 0.00	26.73 1.44 -1.60
ASTORIA_GT2_1 24094	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT2_2 24095	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT2_3 24096	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT2_4 24097	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT3_1 24098	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT3_2 24099	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT3_3 24100	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT3_4 24101	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT4_1 24102	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT4_2 24103	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT4_3 24104	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60

ASTORIA_GT4_4 24105	60.47 2.61 0.00	54.54 2.70 0.00	54.32 3.01 0.00	54.35 2.76 0.00	51.64 2.70 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.77 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA_GT_1 23523	60.64 2.78 0.00	54.68 2.85 0.00	54.45 3.14 0.00	54.47 2.88 0.00	51.75 2.81 -0.30	53.92 2.59 0.00	52.56 2.64 0.00	53.12 2.89 0.00	62.58 3.08 0.00	70.44 3.47 0.00	55.90 3.62 0.00	69.60 3.74 0.00	63.66 4.12 0.00	105.87 6.40 -1.57	69.07 3.44 -11.85	53.20 2.99 -2.26	47.59 2.06 -13.83	45.62 2.58 -4.22	42.98 2.55 0.00	44.34 2.24 0.00	43.63 2.48 0.00	34.06 1.97 0.00	30.60 1.84 0.00	26.79 1.50 -1.60
ASTORIA_GT_10 24110	60.44 2.58 0.00	54.36 2.53 0.00	54.13 2.82 0.00	54.26 2.67 0.00	51.60 2.65 -0.30	53.74 2.40 0.00	52.37 2.46 0.00	53.01 2.78 0.00	62.50 3.00 0.00	70.32 3.35 0.00	55.75 3.47 0.00	69.61 3.76 0.00	63.59 4.05 0.00	105.55 6.35 -1.30	68.91 3.27 -11.85	53.06 2.85 -2.26	47.55 2.02 -13.83	45.56 2.52 -4.22	42.99 2.56 0.00	44.35 2.24 0.00	43.53 2.37 0.00	33.94 1.85 0.00	30.50 1.75 0.00	26.74 1.46 -1.60
ASTORIA_GT_11 24225	60.44 2.58 0.00	54.36 2.53 0.00	54.13 2.82 0.00	54.26 2.67 0.00	51.60 2.65 -0.30	53.74 2.40 0.00	52.37 2.46 0.00	53.01 2.78 0.00	62.50 3.00 0.00	70.32 3.35 0.00	55.75 3.47 0.00	69.61 3.76 0.00	63.59 4.05 0.00	105.55 6.35 -1.30	68.91 3.27 -11.85	53.06 2.85 -2.26	47.55 2.02 -13.83	45.56 2.52 -4.22	42.99 2.56 0.00	44.35 2.24 0.00	43.53 2.37 0.00	33.94 1.85 0.00	30.50 1.75 0.00	26.74 1.46 -1.60
ASTORIA_GT_12 24226	60.44 2.58 0.00	54.36 2.53 0.00	54.13 2.82 0.00	54.26 2.67 0.00	51.60 2.65 -0.30	53.74 2.40 0.00	52.37 2.46 0.00	53.01 2.78 0.00	62.50 3.00 0.00	70.32 3.35 0.00	55.75 3.47 0.00	69.61 3.76 0.00	63.59 4.05 0.00	105.55 6.35 -1.30	68.91 3.27 -11.85	53.06 2.85 -2.26	47.55 2.02 -13.83	45.56 2.52 -4.22	42.99 2.56 0.00	44.35 2.24 0.00	43.53 2.37 0.00	33.94 1.85 0.00	30.50 1.75 0.00	26.74 1.46 -1.60
ASTORIA_GT_13 24227	60.44 2.58 0.00	54.36 2.53 0.00	54.13 2.82 0.00	54.26 2.67 0.00	51.60 2.65 -0.30	53.74 2.40 0.00	52.37 2.46 0.00	53.01 2.78 0.00	62.50 3.00 0.00	70.32 3.35 0.00	55.75 3.47 0.00	69.61 3.76 0.00	63.59 4.05 0.00	105.55 6.35 -1.30	68.91 3.27 -11.85	53.06 2.85 -2.26	47.55 2.02 -13.83	45.56 2.52 -4.22	42.99 2.56 0.00	44.35 2.24 0.00	43.53 2.37 0.00	33.94 1.85 0.00	30.50 1.75 0.00	26.74 1.46 -1.60
ASTORIA_GT_5 24106	60.64 2.78 0.00	54.68 2.85 0.00	54.45 3.14 0.00	54.47 2.88 0.00	51.75 2.81 -0.30	53.92 2.59 0.00	52.56 2.64 0.00	53.12 2.89 0.00	62.58 3.08 0.00	70.44 3.47 0.00	55.90 3.62 0.00	69.60 3.74 0.00	63.66 4.12 0.00	105.87 6.40 -1.57	69.07 3.44 -11.85	53.20 2.99 -2.26	47.59 2.06 -13.83	45.62 2.58 -4.22	42.98 2.55 0.00	44.34 2.24 0.00	43.63 2.48 0.00	34.06 1.97 0.00	30.60 1.84 0.00	26.79 1.50 -1.60
ASTORIA_GT_7 24107	60.64 2.78 0.00	54.68 2.85 0.00	54.45 3.14 0.00	54.47 2.88 0.00	51.75 2.81 -0.30	53.92 2.59 0.00	52.56 2.64 0.00	53.12 2.89 0.00	62.58 3.08 0.00	70.44 3.47 0.00	55.90 3.62 0.00	69.60 3.74 0.00	63.66 4.12 0.00	105.87 6.40 -1.57	69.07 3.44 -11.85	53.20 2.99 -2.26	47.59 2.06 -13.83	45.62 2.58 -4.22	42.98 2.55 0.00	44.34 2.24 0.00	43.63 2.48 0.00	34.06 1.97 0.00	30.60 1.84 0.00	26.79 1.50 -1.60
ASTORIA_GT_8 24108	60.64 2.78 0.00	54.68 2.85 0.00	54.45 3.14 0.00	54.47 2.88 0.00	51.75 2.81 -0.30	53.92 2.59 0.00	52.56 2.64 0.00	53.12 2.89 0.00	62.58 3.08 0.00	70.44 3.47 0.00	55.90 3.62 0.00	69.60 3.74 0.00	63.66 4.12 0.00	105.87 6.40 -1.57	69.07 3.44 -11.85	53.20 2.99 -2.26	47.59 2.06 -13.83	45.62 2.58 -4.22	42.98 2.55 0.00	44.34 2.24 0.00	43.63 2.48 0.00	34.06 1.97 0.00	30.60 1.84 0.00	26.79 1.50 -1.60
ASTORIA___2 24149	60.46 2.61 0.00	54.53 2.70 0.00	54.31 3.00 0.00	54.35 2.76 0.00	51.64 2.69 -0.30	53.80 2.46 0.00	52.42 2.51 0.00	52.98 2.75 0.00	62.41 2.91 0.00	70.24 3.27 0.00	55.73 3.45 0.00	69.41 3.56 0.00	63.47 3.93 0.00	105.58 6.12 -1.57	68.90 3.27 -11.85	53.04 2.84 -2.25	47.51 1.98 -13.83	45.51 2.47 -4.22	42.87 2.44 0.00	44.24 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.78 0.00	26.74 1.45 -1.60
ASTORIA___3 23516	60.46 2.61 0.00	54.53 2.70 0.00	54.31 3.00 0.00	54.35 2.76 0.00	51.64 2.69 -0.30	53.80 2.46 0.00	52.42 2.50 0.00	52.98 2.75 0.00	62.41 2.91 0.00	70.24 3.27 0.00	55.73 3.45 0.00	69.41 3.56 0.00	63.47 3.93 0.00	105.58 6.12 -1.57	68.90 3.27 -11.85	53.04 2.84 -2.25	47.51 1.98 -13.83	45.51 2.47 -4.22	42.87 2.44 0.00	44.23 2.13 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.54 1.78 0.00	26.74 1.45 -1.60
ASTORIA___4 23517	60.47 2.61 0.00	54.53 2.70 0.00	54.32 3.00 0.00	54.35 2.76 0.00	51.64 2.69 -0.30	53.80 2.47 0.00	52.43 2.51 0.00	52.99 2.76 0.00	62.41 2.91 0.00	70.24 3.28 0.00	55.74 3.47 0.00	69.40 3.55 0.00	63.47 3.93 0.00	105.57 6.10 -1.57	68.90 3.26 -11.85	53.05 2.85 -2.26	47.51 1.98 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.23 2.12 0.00	43.53 2.37 0.00	33.97 1.88 0.00	30.53 1.77 0.00	26.74 1.45 -1.60
ASTORIA___5 23518	60.44 2.58 0.00	54.36 2.53 0.00	54.12 2.81 0.00	54.27 2.67 0.00	51.60 2.65 -0.30	53.74 2.40 0.00	52.37 2.45 0.00	52.99 2.77 0.00	62.49 2.99 0.00	70.31 3.34 0.00	55.74 3.47 0.00	69.61 3.76 0.00	63.59 4.05 0.00	105.54 6.34 -1.30	68.91 3.28 -11.85	53.05 2.85 -2.25	47.55 2.02 -13.83	45.56 2.52 -4.22	42.99 2.56 0.00	44.35 2.25 0.00	43.53 2.37 0.00	33.94 1.84 0.00	30.51 1.75 0.00	26.74 1.45 -1.61
AST_ENERGY_2_CC3 323677	60.48 2.62 0.00	54.33 2.50 0.00	53.96 2.64 0.00	54.24 2.65 0.00	51.51 2.57 -0.30	53.71 2.37 0.00	52.35 2.43 0.00	52.99 2.76 0.00	62.61 3.11 0.00	70.50 3.54 0.00	55.63 3.35 0.00	69.88 4.02 0.00	63.70 4.15 0.00	105.86 6.67 -1.30	69.13 3.49 -11.85	53.08 2.87 -2.26	47.45 1.92 -13.83	45.42 2.38 -4.22	42.93 2.50 0.00	44.28 2.18 0.00	43.36 2.20 0.00	33.82 1.73 0.00	30.37 1.61 0.00	26.72 1.42 -1.61
AST_ENERGY_2_CC4 323678	60.48 2.62 0.00	54.33 2.50 0.00	53.96 2.64 0.00	54.24 2.65 0.00	51.51 2.57 -0.30	53.71 2.37 0.00	52.35 2.43 0.00	52.99 2.76 0.00	62.61 3.11 0.00	70.50 3.54 0.00	55.63 3.35 0.00	69.88 4.02 0.00	63.70 4.15 0.00	105.86 6.67 -1.30	69.13 3.49 -11.85	53.08 2.87 -2.26	47.45 1.92 -13.83	45.42 2.38 -4.22	42.93 2.50 0.00	44.28 2.18 0.00	43.36 2.20 0.00	33.82 1.73 0.00	30.37 1.61 0.00	26.72 1.42 -1.61

ATHENS_STG_1 23668	58.86 1.00 0.00	52.83 1.00 0.00	52.53 1.22 0.00	52.99 1.40 0.00	50.02 1.32 -0.05	52.60 1.26 0.00	51.02 1.10 0.00	51.45 1.22 0.00	60.81 1.31 0.00	68.51 1.55 0.00	53.63 1.35 0.00	67.53 1.68 0.00	61.36 1.82 0.00	100.46 2.54 -0.03	55.45 1.42 -0.25	49.13 1.13 -0.05	32.73 0.74 -0.29	39.79 0.88 -0.09	41.31 0.88 0.00	42.87 0.77 0.00	41.97 0.81 0.00	32.74 0.64 0.00	29.37 0.61 0.00	24.55 0.53 -0.34
ATHENS_STG_2 23670	58.86 1.00 0.00	52.83 1.00 0.00	52.53 1.22 0.00	52.99 1.40 0.00	50.02 1.32 -0.05	52.60 1.26 0.00	51.02 1.10 0.00	51.45 1.22 0.00	60.81 1.31 0.00	68.51 1.55 0.00	53.63 1.35 0.00	67.53 1.68 0.00	61.36 1.82 0.00	100.46 2.54 -0.03	55.45 1.42 -0.25	49.13 1.13 -0.05	32.73 0.74 -0.29	39.79 0.88 -0.09	41.31 0.88 0.00	42.87 0.77 0.00	41.97 0.81 0.00	32.74 0.64 0.00	29.37 0.61 0.00	24.55 0.53 -0.34
ATHENS_STG_3 23677	58.86 1.00 0.00	52.83 1.00 0.00	52.53 1.22 0.00	52.99 1.40 0.00	50.02 1.32 -0.05	52.60 1.26 0.00	51.02 1.10 0.00	51.45 1.22 0.00	60.81 1.31 0.00	68.51 1.55 0.00	53.63 1.35 0.00	67.53 1.68 0.00	61.36 1.82 0.00	100.46 2.54 -0.03	55.45 1.42 -0.25	49.13 1.13 -0.05	32.73 0.74 -0.29	39.79 0.88 -0.09	41.31 0.88 0.00	42.87 0.77 0.00	41.97 0.81 0.00	32.74 0.64 0.00	29.37 0.61 0.00	24.55 0.53 -0.34
AUBURN____LFGE 323710	58.32 0.46 0.00	52.38 0.54 0.00	51.47 0.15 0.00	51.69 0.06 -0.04	48.81 0.17 0.00	51.58 0.24 0.00	50.15 0.23 0.00	50.35 0.13 0.00	59.61 0.11 0.00	67.00 0.03 0.00	51.85 -0.43 0.00	65.22 -0.63 0.00	59.20 -0.34 0.00	97.51 -0.38 0.00	53.54 -0.25 0.00	47.78 -0.17 0.00	31.64 -0.06 0.00	38.74 -0.09 0.00	40.29 -0.14 0.00	41.91 -0.19 0.00	41.27 0.11 0.00	32.21 0.12 0.00	28.77 0.02 0.00	23.69 0.00 0.00
BABYLON_RES_REC 323704	70.09 3.63 -8.60	65.90 3.35 -10.72	54.57 3.25 0.00	54.64 3.05 0.00	51.69 2.74 -0.30	53.88 2.54 0.00	52.40 2.49 0.00	52.89 2.66 0.00	62.39 2.89 0.00	71.42 4.28 -0.18	61.37 3.89 -5.20	73.11 4.55 -2.71	70.73 4.68 -6.51	136.05 7.35 -30.80	81.41 3.89 -23.73	56.48 2.94 -5.59	47.27 1.74 -13.83	45.04 2.00 -4.22	42.64 2.21 0.00	44.09 1.98 0.00	43.21 2.06 0.00	33.72 1.63 0.00	30.51 1.75 0.00	26.87 1.59 -1.60
BALL_HILL_WT_PWR 323825	57.75 -0.11 0.00	51.87 0.04 0.00	50.73 -0.58 0.00	50.69 -0.90 0.00	47.23 -1.42 0.00	50.01 -1.33 0.00	48.67 -1.24 0.00	48.60 -1.62 0.00	57.54 -1.95 0.00	64.93 -2.03 0.00	49.90 -2.37 0.00	63.64 -2.22 0.00	56.50 -3.04 0.00	94.49 -3.40 0.00	51.90 -1.89 0.00	46.20 -1.74 0.00	30.10 -1.60 0.00	36.91 -1.91 0.00	38.33 -2.10 0.00	40.19 -1.92 0.00	39.52 -1.64 0.00	30.88 -1.22 0.00	27.59 -1.16 0.00	22.81 -0.87 0.00
BARON_WINDS____WT_PWR 323822	58.00 0.14 0.00	51.81 -0.02 0.00	50.29 -1.03 0.00	50.28 -1.32 -0.01	47.06 -1.59 0.00	49.78 -1.56 0.00	48.32 -1.60 0.00	48.30 -1.93 0.00	57.35 -2.16 0.00	64.98 -1.98 0.00	50.35 -1.92 0.00	64.03 -1.82 0.00	57.32 -2.22 0.00	95.36 -2.54 0.00	52.49 -1.30 0.00	46.61 -1.34 0.00	30.60 -1.10 0.00	37.53 -1.30 0.00	38.84 -1.59 0.00	40.50 -1.60 0.00	39.94 -1.22 0.00	31.10 -0.99 0.00	27.72 -1.04 0.00	22.90 -0.79 0.00
BARRETT_IC_1 23704	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_10 23701	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_11 23702	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_12 23703	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_2 23705	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_3 23706	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_4 23707	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_5 23708	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60

BARRETT_IC_6 23709	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_7 23710	178.89 3.58 -117.45	177.99 3.28 -122.88	54.58 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.07 2.73 0.00	52.56 2.64 0.00	53.01 2.78 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.41 6.81 -18.71	101.84 3.66 -44.38	92.57 2.90 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.98 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_8 23711	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT_IC_9 23700	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	70.20 3.66 -14.27	87.36 4.33 -17.17	83.77 4.50 -19.73	92.03 6.76 12.62	82.72 3.66 -25.27	62.93 2.89 -12.09	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT___1 23545	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	100.58 3.66 -44.65	132.90 4.33 -62.71	119.71 4.50 -55.67	123.37 6.76 -18.71	101.84 3.66 -44.38	92.56 2.89 -41.72	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BARRETT___2 23546	178.89 3.58 -117.45	177.99 3.28 -122.88	54.59 3.24 -0.03	54.72 3.13 0.00	51.83 2.88 -0.30	54.06 2.73 0.00	52.56 2.64 0.00	53.00 2.77 0.00	62.49 2.99 0.00	71.21 4.07 -0.18	70.20 3.66 -14.27	87.36 4.33 -17.17	83.77 4.50 -19.73	92.03 6.76 12.62	82.72 3.66 -25.27	62.93 2.89 -12.09	47.31 1.79 -13.83	45.10 2.05 -4.22	42.66 2.23 0.00	43.99 1.88 0.00	43.16 2.00 0.00	33.74 1.64 -0.01	30.34 1.58 0.00	26.70 1.41 -1.60
BATAVIA___115KV_TB1 55881	59.39 1.53 0.00	53.23 1.40 0.00	52.21 0.89 0.00	52.08 0.49 0.00	48.79 0.14 0.00	51.71 0.37 0.00	50.23 0.31 0.00	50.25 0.02 0.00	59.19 -0.31 0.00	66.39 -0.58 0.00	51.00 -1.27 0.00	65.49 -0.36 0.00	58.31 -1.24 0.00	96.80 -1.10 0.00	53.27 -0.52 0.00	47.55 -0.40 0.00	30.93 -0.77 0.00	37.79 -1.03 0.00	39.03 -1.40 0.00	41.15 -0.96 0.00	40.45 -0.71 0.00	31.74 -0.36 0.00	28.31 -0.45 0.00	23.36 -0.32 0.00
BAYONEEC___CTG1 323682	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG10 323750	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG2 323683	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG3 323684	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG4 323685	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG5 323686	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG6 323687	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG7 323688	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61

BAYONEEC___CTG8 323689	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BAYONEEC___CTG9 323749	60.60 2.74 0.00	54.43 2.60 0.00	54.07 2.75 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.82 2.48 0.00	52.46 2.54 0.00	53.09 2.86 0.00	62.72 3.22 0.00	70.62 3.65 0.00	55.72 3.44 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.23 3.60 -11.85	53.17 2.97 -2.26	47.53 2.00 -13.83	45.52 2.47 -4.22	43.04 2.61 0.00	44.41 2.31 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.42 1.66 0.00	26.70 1.41 -1.61
BEACON___LESR 323632	58.88 1.02 0.00	53.01 1.18 0.00	52.89 1.57 0.00	53.34 1.75 0.00	50.30 1.65 0.00	53.02 1.68 0.00	51.19 1.27 0.00	51.74 1.51 0.00	61.04 1.54 0.00	67.92 0.95 0.00	52.93 0.66 0.00	66.65 0.79 0.00	60.47 0.93 0.00	98.83 0.93 0.00	55.12 1.33 0.00	49.10 1.15 0.00	32.54 0.84 0.00	39.76 0.93 0.00	41.29 0.86 0.00	42.94 0.83 0.00	41.91 0.75 0.00	32.82 0.72 0.00	29.48 0.72 0.00	24.49 0.54 -0.27
BEAVER RIVER___HYD 24048	60.36 2.50 0.00	53.73 1.89 0.00	53.06 1.74 0.00	53.33 1.72 -0.02	50.08 1.43 0.00	53.20 1.86 0.00	51.95 2.03 0.00	51.98 1.75 0.00	61.73 2.23 0.00	69.55 2.58 0.00	54.20 1.93 0.00	67.56 1.70 0.00	60.49 0.95 0.00	100.05 2.15 0.00	54.70 0.91 0.00	48.77 0.82 0.00	32.43 0.73 0.00	39.84 1.01 0.00	41.31 0.88 0.00	43.03 0.92 0.00	42.69 1.54 0.00	33.31 1.22 0.00	29.71 0.95 0.00	24.55 0.87 0.00
BEEBEE_GT_13 23619	58.47 0.61 0.00	52.30 0.47 0.00	51.40 0.08 0.00	51.38 -0.21 0.00	48.26 -0.39 0.00	51.19 -0.15 0.00	49.80 -0.12 0.00	50.03 -0.20 0.00	59.01 -0.50 0.00	66.25 -0.71 0.00	51.22 -1.06 0.00	65.02 -0.83 0.00	58.42 -1.13 0.00	96.78 -1.12 0.00	53.16 -0.64 0.00	47.43 -0.52 0.00	31.12 -0.58 0.00	38.13 -0.69 0.00	39.62 -0.81 0.00	41.52 -0.58 0.00	40.67 -0.49 0.00	31.83 -0.27 0.00	28.39 -0.37 0.00	23.38 -0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	61.24 3.37 0.00	54.96 3.12 0.00	54.69 3.38 0.00	54.74 3.15 0.00	52.09 3.14 -0.30	54.23 2.89 0.00	52.90 2.98 0.00	53.52 3.29 0.00	63.11 3.61 0.00	71.12 4.15 0.00	56.37 4.09 0.00	70.49 4.63 0.00	64.47 4.92 0.00	107.06 7.87 -1.30	69.57 3.93 -11.85	53.76 3.55 -2.26	48.05 2.52 -13.83	46.06 3.01 -4.22	43.54 3.12 0.00	44.99 2.88 0.00	44.18 3.03 0.00	34.42 2.33 0.00	30.86 2.10 0.00	27.01 1.72 -1.60
BETHLEHEM___GRP 23843	57.89 0.03 0.00	52.08 0.25 0.00	52.05 0.73 0.00	52.49 0.90 0.00	49.53 0.88 0.00	52.20 0.86 0.00	50.34 0.43 0.00	50.86 0.63 0.00	60.00 0.50 0.00	67.54 0.58 0.00	52.71 0.43 0.00	66.35 0.49 0.00	60.22 0.68 0.00	98.42 0.52 0.00	54.18 0.39 0.00	48.22 0.27 0.00	31.99 0.29 0.00	39.06 0.24 0.00	40.56 0.13 0.00	42.16 0.05 0.00	41.26 0.11 0.00	32.31 0.22 0.00	29.03 0.27 0.00	24.15 0.19 -0.26
BETHLEHEM___GS1 323560	57.89 0.03 0.00	52.08 0.25 0.00	52.05 0.74 0.00	52.49 0.90 0.00	49.53 0.88 0.00	52.20 0.86 0.00	50.34 0.43 0.00	50.86 0.63 0.00	60.00 0.50 0.00	67.54 0.57 0.00	52.71 0.43 0.00	66.35 0.49 0.00	60.22 0.68 0.00	98.42 0.52 0.00	54.17 0.38 0.00	48.22 0.27 0.00	31.98 0.29 0.00	39.06 0.24 0.00	40.56 0.13 0.00	42.16 0.05 0.00	41.26 0.11 0.00	32.31 0.22 0.00	29.03 0.27 0.00	24.14 0.19 -0.26
BETHLEHEM___GS2 323561	57.89 0.03 0.00	52.08 0.25 0.00	52.05 0.74 0.00	52.49 0.90 0.00	49.53 0.88 0.00	52.20 0.86 0.00	50.34 0.43 0.00	50.86 0.63 0.00	60.00 0.50 0.00	67.54 0.57 0.00	52.71 0.43 0.00	66.35 0.49 0.00	60.22 0.68 0.00	98.42 0.52 0.00	54.17 0.38 0.00	48.22 0.27 0.00	31.98 0.29 0.00	39.06 0.24 0.00	40.56 0.13 0.00	42.16 0.05 0.00	41.26 0.11 0.00	32.31 0.22 0.00	29.03 0.27 0.00	24.14 0.19 -0.26
BETHLEHEM___GS3 323562	57.89 0.03 0.00	52.08 0.25 0.00	52.05 0.74 0.00	52.49 0.90 0.00	49.53 0.88 0.00	52.20 0.86 0.00	50.34 0.43 0.00	50.86 0.63 0.00	60.00 0.50 0.00	67.54 0.57 0.00	52.71 0.43 0.00	66.35 0.49 0.00	60.22 0.68 0.00	98.42 0.52 0.00	54.17 0.38 0.00	48.22 0.27 0.00	31.98 0.29 0.00	39.06 0.24 0.00	40.56 0.13 0.00	42.16 0.05 0.00	41.26 0.11 0.00	32.31 0.22 0.00	29.03 0.27 0.00	24.14 0.19 -0.26
BETHLEHEM___STEEL 23779	57.95 0.09 0.00	51.95 0.12 0.00	50.84 -0.47 0.00	50.76 -0.83 0.00	47.44 -1.21 0.00	50.25 -1.09 0.00	48.90 -1.02 0.00	48.92 -1.30 0.00	57.64 -1.86 0.00	64.86 -2.11 0.00	49.70 -2.58 0.00	63.47 -2.38 0.00	56.52 -3.02 0.00	94.41 -3.48 0.00	51.82 -1.97 0.00	46.21 -1.74 0.00	30.05 -1.64 0.00	36.96 -1.87 0.00	38.39 -2.04 0.00	40.28 -1.82 0.00	39.50 -1.66 0.00	30.95 -1.15 0.00	27.62 -1.14 0.00	22.85 -0.84 0.00
BETHLHEM_115KV_TB1 79974	58.02 0.16 0.00	52.21 0.38 0.00	52.14 0.82 0.00	52.57 0.97 0.00	49.59 0.94 0.00	52.27 0.93 0.00	50.45 0.53 0.00	50.97 0.75 0.00	60.14 0.64 0.00	67.69 0.73 0.00	52.85 0.57 0.00	66.54 0.68 0.00	60.38 0.84 0.00	98.71 0.81 0.00	54.32 0.53 0.00	48.35 0.40 0.00	32.05 0.36 0.00	39.15 0.32 0.00	40.67 0.25 0.00	42.28 0.17 0.00	41.38 0.23 0.00	32.38 0.29 0.00	29.09 0.33 0.00	24.20 0.25 -0.26
BETHPAGE_CC_5 323564	73.26 3.63 -11.77	69.21 3.39 -13.99	54.62 3.30 0.00	54.73 3.14 0.00	51.81 2.86 -0.30	54.09 2.75 0.00	52.55 2.63 0.00	53.06 2.83 0.00	62.65 3.15 0.00	71.58 4.44 -0.18	62.01 3.96 -5.77	74.48 4.65 -3.97	71.92 4.82 -7.56	123.17 7.55 -17.72	80.00 4.08 -22.13	56.16 3.16 -5.04	47.51 1.98 -13.83	45.32 2.28 -4.22	42.85 2.42 0.00	44.17 2.07 0.00	43.30 2.15 0.00	33.76 1.67 0.00	30.35 1.59 0.00	26.74 1.46 -1.60
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.11 0.25 0.00	52.09 0.26 0.00	50.93 -0.38 0.00	50.85 -0.74 0.00	47.52 -1.13 0.00	50.33 -1.01 0.00	49.01 -0.90 0.00	49.06 -1.17 0.00	57.80 -1.70 0.00	65.06 -1.91 0.00	49.86 -2.42 0.00	63.67 -2.19 0.00	56.70 -2.84 0.00	94.72 -3.18 0.00	51.97 -1.82 0.00	46.34 -1.61 0.00	30.15 -1.55 0.00	37.07 -1.75 0.00	38.50 -1.92 0.00	40.40 -1.71 0.00	39.61 -1.55 0.00	31.03 -1.07 0.00	27.69 -1.07 0.00	22.90 -0.79 0.00
BINGHAMTON___COGEN 23790	58.38 0.52 0.00	52.33 0.50 0.00	51.56 0.24 0.00	51.92 0.31 -0.02	48.84 0.20 0.00	51.49 0.15 0.00	50.12 0.21 0.00	50.20 -0.02 0.00	59.47 -0.03 0.00	67.02 0.06 0.00	52.12 -0.15 0.00	65.87 0.02 0.00	59.53 -0.01 0.00	98.28 0.38 0.00	53.92 0.13 0.00	47.92 -0.03 0.00	31.65 -0.05 0.00	38.70 -0.13 0.00	40.27 -0.16 0.00	41.91 -0.20 0.00	41.15 -0.01 0.00	32.05 -0.05 0.00	28.66 -0.10 0.00	23.62 -0.06 0.00

BIXINCNT_115KV_LOAD 355685	58.17 0.31 0.00	52.13 0.30 0.00	50.60 -0.72 0.00	50.42 -1.17 0.00	47.02 -1.63 0.00	49.91 -1.43 0.00	49.01 -0.91 0.00	49.55 -0.68 0.00	57.85 -1.65 0.00	65.46 -1.51 0.00	50.23 -2.05 0.00	63.83 -2.03 0.00	57.03 -2.51 0.00	95.27 -2.63 0.00	52.26 -1.53 0.00	46.45 -1.50 0.00	30.54 -1.16 0.00	37.44 -1.39 0.00	38.63 -1.80 0.00	40.54 -1.57 0.00	39.80 -1.35 0.00	31.14 -0.96 0.00	27.78 -0.98 0.00	22.94 -0.75 0.00
BLACK RIVER___HYD 24047	60.92 3.06 0.00	54.10 2.27 0.00	53.44 2.13 0.00	53.65 2.02 -0.03	50.31 1.66 0.00	53.58 2.24 0.00	52.35 2.43 0.00	52.31 2.08 0.00	62.21 2.71 0.00	70.12 3.15 0.00	54.51 2.23 0.00	67.63 1.78 0.00	60.80 1.26 0.00	100.92 3.02 0.00	54.90 1.11 0.00	48.87 0.92 0.00	32.63 0.93 0.00	40.15 1.33 0.00	41.57 1.15 0.00	43.19 1.09 0.00	43.15 1.99 0.00	33.64 1.55 0.00	29.99 1.23 0.00	24.73 1.04 0.00
BLACKRVR_115KV_TB2 79977	60.92 3.06 0.00	54.10 2.27 0.00	53.44 2.12 0.00	53.65 2.03 -0.03	50.31 1.66 0.00	53.58 2.24 0.00	52.35 2.43 0.00	52.31 2.08 0.00	62.21 2.71 0.00	70.12 3.15 0.00	54.51 2.24 0.00	67.63 1.78 0.00	60.80 1.26 0.00	100.92 3.03 0.00	54.90 1.11 0.00	48.87 0.92 0.00	32.62 0.92 0.00	40.15 1.33 0.00	41.57 1.15 0.00	43.19 1.09 0.00	43.15 1.99 0.00	33.64 1.55 0.00	29.99 1.23 0.00	24.73 1.04 0.00
BLDWN_LI_69_KV_BK4 356085	101.60 4.30 -39.43	98.22 3.90 -42.49	55.09 3.77 -0.01	55.20 3.61 0.00	52.27 3.32 -0.30	54.54 3.20 0.00	53.04 3.12 0.00	53.54 3.31 0.00	63.23 3.73 0.00	72.11 4.97 -0.18	71.88 4.39 -15.21	89.74 5.30 -18.59	84.35 5.25 -19.55	112.56 8.05 -6.62	84.06 4.41 -25.86	64.51 3.55 -13.01	47.75 2.23 -13.83	45.62 2.58 -4.22	43.20 2.78 0.00	44.53 2.43 0.00	43.76 2.61 0.00	34.12 2.02 0.00	30.62 1.86 0.00	26.91 1.63 -1.60
BLISS_WT_PWR 323608	58.04 0.18 0.00	52.00 0.17 0.00	50.35 -0.97 0.00	50.12 -1.47 0.00	46.72 -1.93 0.00	49.64 -1.70 0.00	48.84 -1.08 0.00	49.50 -0.73 0.00	57.64 -1.86 0.00	65.28 -1.69 0.00	50.10 -2.17 0.00	63.62 -2.24 0.00	56.86 -2.69 0.00	95.03 -2.87 0.00	52.11 -1.68 0.00	46.27 -1.67 0.00	30.51 -1.18 0.00	37.40 -1.42 0.00	38.50 -1.92 0.00	40.42 -1.69 0.00	39.72 -1.44 0.00	31.05 -1.04 0.00	27.69 -1.07 0.00	22.86 -0.82 0.00
BLUESTONE___WT_PWR 323821	61.25 3.39 0.00	54.73 2.90 0.00	53.60 2.29 0.00	53.80 2.19 -0.02	51.09 2.44 0.00	53.90 2.56 0.00	52.04 2.12 0.00	51.99 1.76 0.00	61.80 2.30 0.00	69.09 2.12 0.00	52.79 0.51 0.00	65.52 -0.34 0.00	60.58 1.04 0.00	101.85 3.95 0.00	55.17 1.38 0.00	48.89 0.94 0.00	32.85 1.16 0.00	39.93 1.10 0.00	41.36 0.93 0.00	42.65 0.55 0.00	42.86 1.70 0.00	32.63 0.53 0.00	28.71 -0.05 0.00	23.68 0.00 0.00
BLUE_CIRC_CHEM_DRP 24182	57.80 -0.06 0.00	52.66 0.82 0.00	52.58 1.27 0.00	53.11 1.52 0.00	50.09 1.45 0.00	52.83 1.49 0.00	51.05 1.13 0.00	51.52 1.29 0.00	60.76 1.26 0.00	68.41 1.45 0.00	53.38 1.10 0.00	67.18 1.32 0.00	60.92 1.38 0.00	99.61 1.71 0.00	54.79 1.00 0.00	48.74 0.79 0.00	32.30 0.60 0.00	39.49 0.67 0.00	41.08 0.65 0.00	42.73 0.62 0.00	41.81 0.65 0.00	32.69 0.60 0.00	29.35 0.59 0.00	24.39 0.47 -0.24
BOC_GAS_DRP 24189	58.27 0.41 0.00	52.42 0.58 0.00	52.23 0.91 0.00	52.68 1.09 0.00	49.70 1.04 0.00	52.38 1.04 0.00	50.68 0.77 0.00	51.12 0.90 0.00	60.38 0.88 0.00	67.97 1.01 0.00	53.10 0.82 0.00	66.88 1.02 0.00	60.70 1.15 0.00	99.31 1.42 0.00	54.62 0.83 0.00	48.60 0.65 0.00	32.16 0.46 0.00	39.33 0.51 0.00	40.91 0.49 0.00	42.52 0.42 0.00	41.63 0.47 0.00	32.51 0.42 0.00	29.18 0.43 0.00	24.29 0.34 -0.26
BOONVILLE_115KV_TB1 79983	60.05 2.19 0.00	53.58 1.75 0.00	52.97 1.66 0.00	53.30 1.69 -0.01	50.14 1.49 0.00	53.04 1.70 0.00	51.69 1.77 0.00	51.87 1.65 0.00	61.53 2.03 0.00	69.33 2.36 0.00	54.04 1.77 0.00	67.78 1.92 0.00	60.96 1.41 0.00	100.54 2.64 0.00	55.07 1.29 0.00	49.03 1.08 0.00	32.56 0.87 0.00	39.93 1.10 0.00	41.50 1.07 0.00	43.28 1.18 0.00	42.54 1.38 0.00	33.18 1.08 0.00	29.61 0.85 0.00	24.40 0.72 0.00
BORALEX_4TH_BRANCH 23824	60.33 2.47 0.00	54.18 2.35 0.00	53.93 2.62 0.00	54.32 2.73 0.00	51.27 2.58 -0.04	54.12 2.78 0.00	52.34 2.43 0.00	53.02 2.80 0.00	62.50 3.00 0.00	70.50 3.54 0.00	54.83 2.56 0.00	69.00 3.15 0.00	62.54 3.00 0.00	101.69 3.79 0.00	56.07 2.28 0.00	49.96 2.01 0.00	32.87 1.17 0.00	40.22 1.40 0.00	41.92 1.49 0.00	43.65 1.54 0.00	42.78 1.62 0.00	33.38 1.29 0.00	30.02 1.26 0.00	24.96 0.97 -0.30
BOWLINE___1 23526	59.90 2.04 0.00	53.69 1.86 0.00	53.26 1.94 0.00	53.58 1.99 0.00	50.11 1.90 0.43	53.08 1.74 0.00	51.68 1.77 0.00	52.27 2.05 0.00	61.78 2.28 0.00	69.70 2.73 0.00	54.86 2.59 0.00	69.06 3.21 0.00	62.93 3.39 0.00	103.06 5.53 0.36	53.44 2.96 0.36	49.68 2.36 0.63	29.37 1.54 3.87	39.48 1.84 1.18	42.30 1.87 0.00	43.73 1.62 0.00	42.84 1.69 0.00	33.36 1.27 0.00	29.91 1.15 0.00	22.43 0.96 2.21
BOWLINE___2 23595	59.93 2.07 0.00	53.71 1.88 0.00	53.29 1.97 0.00	53.60 2.01 0.00	50.14 1.93 0.44	53.10 1.76 0.00	51.72 1.80 0.00	52.29 2.07 0.00	61.81 2.31 0.00	69.71 2.75 0.00	54.88 2.60 0.00	69.11 3.26 0.00	62.96 3.42 0.00	103.07 5.54 0.36	53.45 2.98 0.36	49.69 2.37 0.63	29.37 1.55 3.88	39.49 1.85 1.18	42.32 1.89 0.00	43.75 1.65 0.00	42.86 1.70 0.00	33.38 1.28 0.00	29.93 1.17 0.00	22.45 0.98 2.21
BRADY___115KV_TB2 356060	59.18 1.32 0.00	52.92 1.08 0.00	52.23 0.92 0.00	52.39 0.80 0.00	49.43 0.78 0.00	52.21 0.87 0.00	51.02 1.10 0.00	51.34 1.11 0.00	60.73 1.22 0.00	68.15 1.18 0.00	53.22 0.94 0.00	66.64 0.79 0.00	59.17 -0.38 0.00	98.56 0.67 0.00	54.23 0.44 0.00	48.64 0.69 0.00	32.26 0.56 0.00	39.66 0.83 0.00	41.18 0.75 0.00	43.06 0.96 0.00	42.42 1.26 0.00	32.92 0.83 0.00	29.53 0.77 0.00	24.36 0.67 0.00
BRANSCOMB___SOLAR 323811	60.80 2.94 0.00	54.49 2.66 0.00	54.12 2.81 0.00	54.56 2.97 0.00	51.44 2.79 0.00	54.28 2.94 0.00	52.60 2.68 0.00	53.04 2.82 0.00	62.72 3.22 0.00	70.69 3.73 0.00	54.93 2.66 0.00	69.10 3.24 0.00	62.38 2.84 0.00	101.74 3.85 0.00	56.11 2.32 0.00	50.02 2.07 0.00	32.98 1.29 0.00	40.45 1.63 0.00	42.15 1.72 0.00	43.92 1.81 0.00	43.04 1.88 0.00	33.55 1.46 0.00	30.11 1.35 0.00	24.98 1.04 -0.25
BRDGHMPT_69_KV_BK1 55812	65.29 4.60 -2.84	60.81 4.20 -4.78	55.71 4.40 0.00	56.26 4.67 0.00	53.02 4.07 -0.30	55.62 4.29 0.00	54.40 4.48 0.00	54.88 4.65 0.00	64.78 5.27 0.00	74.45 7.30 -0.18	61.85 6.46 -3.12	73.40 7.86 0.32	71.27 7.71 -4.02	137.05 12.32 -26.83	82.29 6.53 -21.97	56.41 5.16 -3.31	48.54 3.02 -13.83	46.53 3.48 -4.22	43.88 3.45 0.00	44.55 2.44 0.00	43.67 2.51 0.00	34.11 2.01 0.00	30.42 1.67 0.00	26.83 1.55 -1.60

BRENTWOD_69_KV_W. BRTWOOD 56703	66.02 4.43 -3.73	61.67 4.14 -5.70	55.34 4.03 0.00	55.40 3.81 0.00	52.37 3.43 -0.30	54.60 3.26 0.00	53.10 3.18 0.00	53.51 3.28 0.00	63.05 3.55 0.00	72.31 5.17 -0.18	64.15 4.61 -7.26	71.19 5.22 -0.11	69.26 5.34 -4.38	323.83 8.87 -217.06	110.57 4.56 -52.21	74.34 3.50 -22.90	47.52 1.99 -13.83	45.50 2.45 -4.22	43.20 2.77 0.00	44.57 2.46 0.00	43.65 2.49 0.00	34.02 1.93 0.00	30.55 1.79 0.00	26.95 1.67 -1.60
BRISTLHL_115KV_TB1 79998	56.93 -0.93 0.00	50.95 -0.89 0.00	50.32 -0.99 0.00	50.60 -1.07 -0.08	47.61 -1.04 0.00	50.21 -1.12 0.00	48.78 -1.14 0.00	48.98 -1.24 0.00	57.82 -1.68 0.00	64.91 -2.05 0.00	50.57 -1.71 0.00	63.63 -2.22 0.00	57.55 -2.00 0.00	94.72 -3.17 0.00	52.06 -1.73 0.00	46.46 -1.49 0.00	30.76 -0.94 0.00	37.68 -1.14 0.00	39.25 -1.18 0.00	40.95 -1.15 0.00	40.22 -0.94 0.00	31.49 -0.60 0.00	28.17 -0.58 0.00	23.18 -0.50 0.00
BROOKHAVEN___DRP 24191	64.43 3.76 -2.81	60.08 3.49 -4.76	54.73 3.42 0.00	54.85 3.26 0.00	51.82 2.88 -0.30	54.05 2.71 0.00	52.55 2.64 0.00	52.94 2.72 0.00	62.38 2.88 0.00	71.67 4.53 -0.18	59.63 4.25 -3.10	70.52 5.00 0.33	68.75 5.19 -4.01	132.31 8.13 -26.28	79.95 4.28 -21.88	54.37 3.18 -3.25	47.37 1.85 -13.83	45.23 2.19 -4.22	42.88 2.45 0.00	44.02 1.91 0.00	43.11 1.96 0.00	33.58 1.49 0.00	30.10 1.34 0.00	26.62 1.34 -1.60
BROOKLYN_NAVY_YARD 23515	60.68 2.82 0.00	54.51 2.68 0.00	54.14 2.83 0.00	54.42 2.82 0.00	51.66 2.72 -0.30	53.87 2.53 0.00	52.50 2.58 0.00	53.16 2.93 0.00	62.81 3.31 0.00	70.70 3.73 0.00	55.76 3.49 0.00	70.06 4.21 0.00	63.88 4.33 0.00	106.55 6.95 -1.70	69.30 3.66 -11.85	53.24 3.03 -2.26	47.56 2.02 -13.83	45.54 2.50 -4.22	43.02 2.59 0.00	44.38 2.27 0.00	43.45 2.29 0.00	33.89 1.80 0.00	30.43 1.68 0.00	26.71 1.42 -1.61
BROOKLYN___ARMY_DRP 323595	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
BROOME_2_LFGE 323671	58.38 0.52 0.00	52.33 0.50 0.00	51.56 0.24 0.00	51.92 0.31 -0.02	48.85 0.20 0.00	51.49 0.15 0.00	50.13 0.21 0.00	50.21 -0.02 0.00	59.47 -0.03 0.00	67.02 0.05 0.00	52.12 -0.15 0.00	65.87 0.02 0.00	59.53 -0.01 0.00	98.29 0.39 0.00	53.92 0.13 0.00	47.92 -0.03 0.00	31.65 -0.05 0.00	38.69 -0.13 0.00	40.27 -0.16 0.00	41.90 -0.20 0.00	41.15 -0.01 0.00	32.05 -0.04 0.00	28.66 -0.10 0.00	23.62 -0.06 0.00
BROOME___LFGE 323600	58.38 0.52 0.00	52.33 0.50 0.00	51.56 0.24 0.00	51.92 0.31 -0.02	48.85 0.20 0.00	51.49 0.15 0.00	50.13 0.21 0.00	50.21 -0.02 0.00	59.47 -0.03 0.00	67.02 0.05 0.00	52.12 -0.15 0.00	65.87 0.02 0.00	59.53 -0.01 0.00	98.29 0.39 0.00	53.92 0.13 0.00	47.92 -0.03 0.00	31.65 -0.05 0.00	38.69 -0.13 0.00	40.27 -0.16 0.00	41.90 -0.20 0.00	41.15 -0.01 0.00	32.05 -0.04 0.00	28.66 -0.10 0.00	23.62 -0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	59.46 1.60 0.00	53.02 1.19 0.00	52.36 1.04 0.00	52.58 0.98 -0.01	49.54 0.89 0.00	52.50 1.16 0.00	51.28 1.36 0.00	51.48 1.25 0.00	61.05 1.55 0.00	68.63 1.66 0.00	53.55 1.27 0.00	66.91 1.05 0.00	59.62 0.07 0.00	98.72 0.82 0.00	54.10 0.31 0.00	48.37 0.42 0.00	32.10 0.40 0.00	39.44 0.62 0.00	40.95 0.52 0.00	42.73 0.62 0.00	42.21 1.05 0.00	32.90 0.80 0.00	29.46 0.70 0.00	24.37 0.68 0.00
BROWNSV1_27_KV_LOAD 356125	61.57 3.71 0.00	55.28 3.45 0.00	54.87 3.55 0.00	55.12 3.53 0.00	52.32 3.37 -0.30	54.57 3.23 0.00	53.21 3.29 0.00	53.88 3.65 0.00	63.68 4.18 0.00	71.72 4.76 0.00	56.58 4.31 0.00	71.11 5.26 0.00	64.84 5.30 0.00	107.78 8.58 -1.30	70.17 4.53 -11.85	53.99 3.79 -2.26	48.01 2.48 -13.83	46.10 3.06 -4.22	43.62 3.19 0.00	45.01 2.90 0.00	44.08 2.92 0.00	34.34 2.25 0.00	30.79 2.03 0.00	26.99 1.70 -1.61
BURROWS___LYONSDAL 23803	60.11 2.25 0.00	53.60 1.77 0.00	52.97 1.66 0.00	53.30 1.70 -0.01	50.10 1.45 0.00	53.06 1.73 0.00	51.74 1.82 0.00	51.88 1.65 0.00	61.55 2.05 0.00	69.36 2.40 0.00	54.08 1.80 0.00	67.74 1.88 0.00	60.85 1.31 0.00	100.37 2.48 0.00	54.97 1.18 0.00	48.96 1.01 0.00	32.52 0.83 0.00	39.89 1.06 0.00	41.43 1.00 0.00	43.20 1.09 0.00	42.56 1.40 0.00	33.19 1.10 0.00	29.60 0.84 0.00	24.42 0.74 0.00
CAITHNESS_CC_1 323624	64.34 3.68 -2.79	60.00 3.43 -4.74	54.67 3.36 0.00	54.78 3.19 0.00	51.77 2.82 -0.30	53.98 2.64 0.00	52.47 2.55 0.00	52.83 2.61 0.00	62.26 2.76 0.00	71.51 4.37 -0.18	59.47 4.11 -3.08	70.31 4.80 0.34	68.55 5.00 -4.00	131.38 7.75 -25.73	79.67 4.09 -21.79	54.15 3.02 -3.18	47.28 1.76 -13.83	45.14 2.10 -4.22	42.80 2.37 0.00	43.98 1.88 0.00	43.07 1.92 0.00	33.56 1.46 0.00	30.09 1.33 0.00	26.62 1.34 -1.60
CALPINE BETH_PAGE_GT4 24209	77.13 3.60 -15.68	73.17 3.32 -18.01	54.56 3.24 0.00	54.67 3.08 0.00	51.76 2.81 -0.30	54.01 2.67 0.00	52.50 2.58 0.00	53.03 2.80 0.00	62.63 3.13 0.00	71.52 4.38 -0.18	63.14 3.94 -6.92	76.29 4.61 -5.82	73.43 4.80 -9.08	119.41 7.52 -13.99	80.06 4.05 -22.22	56.91 3.15 -5.81	47.47 1.94 -13.83	45.30 2.26 -4.22	42.84 2.41 0.00	44.17 2.06 0.00	43.30 2.15 0.00	33.75 1.65 0.00	30.34 1.58 0.00	26.73 1.45 -1.60
CALPINE_BETH_PAGE_GT_4 323586	77.13 3.60 -15.68	73.17 3.32 -18.01	54.55 3.23 0.00	54.67 3.08 0.00	51.76 2.81 -0.30	54.01 2.68 0.00	52.49 2.58 0.00	53.02 2.79 0.00	62.63 3.13 0.00	71.52 4.38 -0.18	63.13 3.93 -6.92	76.29 4.61 -5.82	73.42 4.80 -9.08	119.36 7.47 -13.99	80.07 4.06 -22.22	56.91 3.15 -5.81	47.47 1.95 -13.83	45.30 2.26 -4.22	42.84 2.41 0.00	44.17 2.07 0.00	43.30 2.14 0.00	33.74 1.65 0.00	30.34 1.58 0.00	26.73 1.45 -1.60
CALPINE_BP_GT1 23823	77.13 3.60 -15.68	73.17 3.32 -18.01	54.55 3.23 0.00	54.67 3.08 0.00	51.76 2.81 -0.30	54.01 2.68 0.00	52.49 2.58 0.00	53.02 2.79 0.00	62.63 3.13 0.00	71.52 4.38 -0.18	63.13 3.93 -6.92	76.29 4.61 -5.82	73.42 4.80 -9.08	119.36 7.47 -13.99	80.07 4.06 -22.22	56.91 3.15 -5.81	47.47 1.95 -13.83	45.30 2.26 -4.22	42.84 2.41 0.00	44.17 2.07 0.00	43.30 2.14 0.00	33.74 1.65 0.00	30.34 1.58 0.00	26.73 1.45 -1.60
CALSPAN___DRP 24200	57.95 0.09 0.00	51.95 0.12 0.00	50.84 -0.47 0.00	50.76 -0.83 0.00	47.44 -1.21 0.00	50.25 -1.09 0.00	48.90 -1.02 0.00	48.92 -1.30 0.00	57.64 -1.86 0.00	64.86 -2.11 0.00	49.70 -2.58 0.00	63.47 -2.38 0.00	56.52 -3.02 0.00	94.41 -3.48 0.00	51.82 -1.97 0.00	46.21 -1.74 0.00	30.05 -1.64 0.00	36.96 -1.87 0.00	38.39 -2.04 0.00	40.28 -1.82 0.00	39.50 -1.66 0.00	30.95 -1.15 0.00	27.62 -1.14 0.00	22.85 -0.84 0.00

CALVERTON___SOLAR 323806	64.57 3.90 -2.82	60.20 3.60 -4.77	54.85 3.54 0.00	55.01 3.42 0.00	51.94 3.00 -0.30	54.21 2.87 0.00	52.74 2.82 0.00	53.14 2.91 0.00	62.64 3.14 0.00	71.96 4.82 -0.18	59.89 4.51 -3.11	70.85 5.33 0.33	69.06 5.50 -4.02	132.93 8.60 -26.43	80.27 4.57 -21.91	54.64 3.43 -3.26	47.51 1.99 -13.83	45.40 2.36 -4.22	43.00 2.57 0.00	44.10 2.00 0.00	43.19 2.03 0.00	33.65 1.55 0.00	30.14 1.38 0.00	26.64 1.35 -1.60
CANDIGU_WT_PWR 323617	58.00 0.14 0.00	51.81 -0.02 0.00	50.29 -1.03 0.00	50.28 -1.32 -0.01	47.06 -1.59 0.00	49.78 -1.56 0.00	48.32 -1.60 0.00	48.30 -1.93 0.00	57.35 -2.16 0.00	64.98 -1.98 0.00	50.35 -1.92 0.00	64.03 -1.82 0.00	57.32 -2.22 0.00	95.36 -2.54 0.00	52.49 -1.30 0.00	46.61 -1.34 0.00	30.60 -1.10 0.00	37.53 -1.30 0.00	38.84 -1.59 0.00	40.50 -1.60 0.00	39.94 -1.22 0.00	31.10 -0.99 0.00	27.72 -1.04 0.00	22.90 -0.79 0.00
CARR STREET_E_SYR 24060	57.16 -0.70 0.00	51.16 -0.67 0.00	50.51 -0.81 0.00	50.73 -0.89 -0.02	47.77 -0.87 0.00	50.43 -0.91 0.00	49.02 -0.90 0.00	49.24 -0.99 0.00	58.07 -1.43 0.00	65.27 -1.70 0.00	50.95 -1.33 0.00	64.19 -1.67 0.00	58.04 -1.50 0.00	95.56 -2.34 0.00	52.46 -1.33 0.00	46.79 -1.16 0.00	30.96 -0.74 0.00	37.91 -0.91 0.00	39.47 -0.95 0.00	41.15 -0.96 0.00	40.35 -0.80 0.00	31.56 -0.53 0.00	28.23 -0.53 0.00	23.23 -0.46 0.00
CARTHAGE___PAPER 23857	61.01 3.16 0.00	54.24 2.41 0.00	53.55 2.24 0.00	53.80 2.18 -0.03	50.50 1.85 0.00	53.70 2.36 0.00	52.47 2.55 0.00	52.46 2.24 0.00	62.37 2.87 0.00	70.26 3.29 0.00	54.68 2.40 0.00	67.92 2.07 0.00	60.85 1.30 0.00	100.97 3.07 0.00	55.07 1.28 0.00	49.12 1.17 0.00	32.72 1.02 0.00	40.24 1.42 0.00	41.70 1.27 0.00	43.38 1.27 0.00	43.19 2.03 0.00	33.67 1.58 0.00	30.03 1.27 0.00	24.78 1.10 0.00
CASSADAGA_WT_PWR 323784	58.08 0.22 0.00	52.25 0.41 0.00	51.06 -0.25 0.00	50.95 -0.64 0.00	46.94 -1.71 0.00	49.84 -1.50 0.00	48.55 -1.37 0.00	48.42 -1.80 0.00	58.35 -1.15 0.00	66.51 -0.45 0.00	51.19 -1.08 0.00	64.51 -1.35 0.00	56.89 -2.66 0.00	95.47 -2.43 0.00	52.69 -1.10 0.00	46.92 -1.03 0.00	30.36 -1.34 0.00	36.98 -1.84 0.00	38.37 -2.06 0.00	40.43 -1.68 0.00	39.82 -1.33 0.00	30.93 -1.16 0.00	27.73 -1.03 0.00	22.91 -0.78 0.00
CE_DUNWOOD___DRP 24194	60.48 2.63 0.00	54.29 2.45 0.00	53.86 2.55 0.00	54.17 2.58 0.00	51.43 2.47 -0.31	53.66 2.33 0.00	52.26 2.34 0.00	52.86 2.63 0.00	62.48 2.98 0.00	70.47 3.50 0.00	55.48 3.21 0.00	69.79 3.93 0.00	63.60 4.05 0.00	105.72 6.52 -1.31	69.19 3.47 -11.93	53.06 2.83 -2.27	47.48 1.85 -13.93	45.31 2.23 -4.25	42.73 2.31 0.00	44.14 2.03 0.00	43.24 2.08 0.00	33.69 1.60 0.00	30.21 1.45 0.00	26.58 1.23 -1.67
CE_MILLWOOD___DRP 24193	60.33 2.47 0.00	54.13 2.29 0.00	53.71 2.39 0.00	54.02 2.43 0.00	51.28 2.31 -0.31	53.52 2.18 0.00	52.10 2.18 0.00	52.70 2.47 0.00	62.29 2.79 0.00	70.24 3.27 0.00	55.29 3.02 0.00	69.57 3.71 0.00	63.40 3.86 0.00	105.31 6.18 -1.24	68.38 3.29 -11.30	52.77 2.67 -2.15	46.64 1.75 -13.19	44.95 2.10 -4.03	42.59 2.17 0.00	44.02 1.91 0.00	43.11 1.95 0.00	33.59 1.50 0.00	30.12 1.36 0.00	26.52 1.15 -1.69
CE_NYC2_DRP 24202	60.49 2.63 0.00	54.41 2.57 0.00	54.16 2.85 0.00	54.30 2.71 0.00	51.62 2.67 -0.30	53.77 2.43 0.00	52.42 2.50 0.00	53.05 2.83 0.00	62.56 3.06 0.00	70.39 3.42 0.00	55.79 3.51 0.00	69.69 3.83 0.00	63.64 4.10 0.00	105.64 6.45 -1.30	68.95 3.31 -11.85	53.09 2.88 -2.26	47.57 2.04 -13.83	45.59 2.55 -4.22	43.03 2.60 0.00	44.40 2.29 0.00	43.56 2.41 0.00	33.97 1.88 0.00	30.51 1.76 0.00	26.75 1.46 -1.60
CE_NYC_DRP 24195	60.80 2.94 0.00	54.61 2.77 0.00	54.21 2.90 0.00	54.48 2.89 0.00	51.74 2.79 -0.30	53.95 2.61 0.00	52.59 2.67 0.00	53.24 3.02 0.00	62.92 3.43 0.00	70.87 3.90 0.00	55.91 3.63 0.00	76.70 4.39 -6.45	64.03 4.49 0.00	109.28 7.23 -4.15	70.04 3.80 -12.45	55.78 3.15 -4.68	47.63 2.09 -13.83	45.63 2.58 -4.22	43.13 2.70 0.00	44.49 2.38 0.00	43.57 2.41 0.00	33.96 1.86 0.00	30.46 1.70 0.00	26.73 1.44 -1.61
CHAFFEE___LFGE 323603	58.22 0.36 0.00	52.19 0.36 0.00	51.08 -0.23 0.00	51.02 -0.57 0.00	47.70 -0.95 0.00	50.51 -0.83 0.00	49.18 -0.74 0.00	49.23 -1.00 0.00	58.01 -1.49 0.00	65.26 -1.70 0.00	50.03 -2.24 0.00	63.90 -1.96 0.00	56.93 -2.62 0.00	95.08 -2.81 0.00	52.14 -1.65 0.00	46.50 -1.45 0.00	30.26 -1.43 0.00	37.19 -1.63 0.00	38.62 -1.81 0.00	40.50 -1.60 0.00	39.74 -1.42 0.00	31.12 -0.97 0.00	27.78 -0.98 0.00	22.99 -0.69 0.00
CHATEAUG_35_KV_LOAD 355732	58.21 0.35 0.00	52.22 0.39 0.00	51.58 0.26 0.00	51.74 0.15 0.00	48.82 0.17 0.00	51.49 0.15 0.00	50.18 0.26 0.00	50.53 0.30 0.00	59.82 0.32 0.00	67.31 0.34 0.00	52.47 0.20 0.00	66.00 0.14 0.00	59.38 -0.16 0.00	97.86 -0.03 0.00	53.82 0.04 0.00	48.29 0.34 0.00	31.83 0.13 0.00	39.20 0.38 0.00	40.92 0.49 0.00	42.80 0.70 0.00	41.84 0.69 0.00	32.43 0.34 0.00	29.10 0.34 0.00	24.01 0.32 0.00
CHATEAUG_WT_PWR 323614	58.07 0.21 0.00	52.13 0.30 0.00	51.52 0.20 0.00	51.69 0.10 0.00	48.76 0.12 0.00	51.44 0.10 0.00	50.10 0.18 0.00	50.47 0.25 0.00	59.78 0.28 0.00	67.32 0.35 0.00	52.44 0.17 0.00	65.98 0.13 0.00	59.36 -0.18 0.00	97.82 -0.08 0.00	53.81 0.02 0.00	48.25 0.30 0.00	31.81 0.11 0.00	39.13 0.31 0.00	40.82 0.39 0.00	42.69 0.58 0.00	41.72 0.57 0.00	32.34 0.25 0.00	29.04 0.28 0.00	23.97 0.28 0.00
CHAT_HIGH_FALL_HYD 323578	58.21 0.35 0.00	52.22 0.39 0.00	51.58 0.26 0.00	51.74 0.15 0.00	48.82 0.17 0.00	51.49 0.15 0.00	50.18 0.26 0.00	50.53 0.30 0.00	59.82 0.32 0.00	67.31 0.34 0.00	52.47 0.20 0.00	66.00 0.14 0.00	59.38 -0.16 0.00	97.86 -0.03 0.00	53.82 0.04 0.00	48.29 0.34 0.00	31.83 0.13 0.00	39.20 0.38 0.00	40.92 0.49 0.00	42.80 0.70 0.00	41.84 0.69 0.00	32.43 0.34 0.00	29.10 0.34 0.00	24.01 0.32 0.00
CHAUTAUQUA___LFGE 323629	57.97 0.11 0.00	52.13 0.29 0.00	50.93 -0.38 0.00	50.89 -0.70 0.00	47.27 -1.38 0.00	50.07 -1.26 0.00	48.69 -1.23 0.00	48.53 -1.70 0.00	57.77 -1.73 0.00	65.40 -1.56 0.00	50.38 -1.90 0.00	64.10 -1.76 0.00	56.72 -2.82 0.00	95.01 -2.88 0.00	52.25 -1.54 0.00	46.45 -1.50 0.00	30.24 -1.46 0.00	36.99 -1.83 0.00	38.43 -2.00 0.00	40.36 -1.74 0.00	39.75 -1.40 0.00	30.98 -1.12 0.00	27.71 -1.05 0.00	22.87 -0.81 0.00
CHERRYST_13_KV_LD 356241	61.03 3.17 0.00	54.80 2.96 0.00	54.41 3.09 0.00	54.68 3.09 0.00	51.92 2.97 -0.30	54.15 2.82 0.00	52.81 2.89 0.00	53.49 3.27 0.00	63.25 3.75 0.00	71.25 4.28 0.00	56.22 3.94 0.00	70.61 4.75 0.00	64.38 4.83 0.00	107.00 7.80 -1.30	69.73 4.09 -11.85	53.62 3.41 -2.26	47.79 2.25 -13.83	45.82 2.78 -4.22	43.30 2.87 0.00	44.66 2.55 0.00	43.72 2.57 0.00	34.07 1.97 0.00	30.56 1.81 0.00	26.81 1.52 -1.61

CHESTROR_138KV_BK263 355645	59.86 2.00 0.00	53.66 1.82 0.00	53.20 1.89 0.00	53.53 1.94 0.00	50.23 1.86 0.28	53.07 1.73 0.00	51.65 1.73 0.00	52.16 1.94 0.00	61.67 2.17 0.00	69.58 2.62 0.00	54.61 2.33 0.00	68.77 2.92 0.00	62.62 3.08 0.00	102.80 5.03 0.12	55.30 2.64 1.13	49.86 2.12 0.21	31.79 1.40 1.32	40.09 1.67 0.40	42.13 1.70 0.00	43.60 1.49 0.00	42.71 1.55 0.00	33.27 1.17 0.00	29.81 1.06 0.00	23.16 0.88 1.41
CH_MIDHUDSON___DRP 24192	60.34 2.48 0.00	54.10 2.27 0.00	53.70 2.38 0.00	54.02 2.43 0.00	50.95 2.30 0.00	53.56 2.22 0.00	52.10 2.18 0.00	52.68 2.46 0.00	62.41 2.91 0.00	70.40 3.43 0.00	55.25 2.97 0.00	69.52 3.66 0.00	63.34 3.79 0.00	103.78 5.88 0.00	56.92 3.13 0.00	50.46 2.51 0.00	33.33 1.63 0.00	40.79 1.97 0.00	42.44 2.01 0.00	43.92 1.81 0.00	43.00 1.85 0.00	33.50 1.41 0.00	30.03 1.27 0.00	24.96 1.06 -0.21
CH_MISC_IPPS 23765	60.82 2.96 0.00	54.49 2.65 0.00	54.04 2.72 0.00	54.34 2.75 0.00	51.24 2.59 0.00	53.88 2.55 0.00	52.44 2.52 0.00	53.02 2.79 0.00	62.76 3.26 0.00	70.82 3.85 0.00	55.57 3.29 0.00	69.94 4.08 0.00	63.72 4.17 0.00	104.49 6.59 0.00	57.30 3.51 0.00	50.83 2.88 0.00	33.58 1.88 0.00	41.08 2.26 0.00	42.75 2.32 0.00	44.24 2.14 0.00	43.31 2.15 0.00	33.72 1.62 0.00	30.21 1.45 0.00	24.88 1.20 0.00
CH_RES_BVR_FALLS 23983	57.67 -0.19 0.00	51.64 -0.19 0.00	51.07 -0.25 0.00	51.31 -0.28 0.00	48.37 -0.28 0.00	51.08 -0.26 0.00	49.81 -0.11 0.00	50.10 -0.13 0.00	59.31 -0.19 0.00	66.80 -0.16 0.00	52.22 -0.05 0.00	65.79 -0.07 0.00	59.30 -0.24 0.00	97.68 -0.21 0.00	53.65 -0.14 0.00	47.90 -0.05 0.00	31.63 -0.06 0.00	38.77 -0.05 0.00	40.38 -0.05 0.00	42.11 0.01 0.00	41.19 0.03 0.00	31.99 -0.10 0.00	28.66 -0.10 0.00	23.63 -0.06 0.00
CH_RES_NIAGARA 23895	56.43 -1.43 0.00	50.82 -1.01 0.00	49.76 -1.55 0.00	49.56 -2.03 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.02 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.44 -6.45 0.00	50.12 -3.67 0.00	44.84 -3.11 0.00	29.09 -2.61 0.00	35.87 -2.95 0.00	37.33 -3.09 0.00	39.20 -2.91 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.89 -1.87 0.00	22.30 -1.39 0.00
CH_RES_SYRACUSE 23985	57.61 -0.25 0.00	51.68 -0.15 0.00	50.98 -0.34 0.00	51.21 -0.42 -0.04	48.25 -0.40 0.00	50.93 -0.41 0.00	49.50 -0.42 0.00	49.73 -0.50 0.00	58.96 -0.54 0.00	66.26 -0.70 0.00	51.37 -0.90 0.00	64.69 -1.17 0.00	58.53 -1.01 0.00	96.35 -1.55 0.00	52.90 -0.88 0.00	47.21 -0.74 0.00	31.26 -0.44 0.00	38.26 -0.56 0.00	39.87 -0.56 0.00	41.55 -0.56 0.00	40.79 -0.36 0.00	31.89 -0.20 0.00	28.52 -0.24 0.00	23.47 -0.22 0.00
CLINTON_WT_PWR 323605	58.07 0.21 0.00	52.13 0.30 0.00	51.52 0.20 0.00	51.69 0.10 0.00	48.76 0.12 0.00	51.44 0.10 0.00	50.10 0.18 0.00	50.47 0.25 0.00	59.78 0.28 0.00	67.32 0.35 0.00	52.44 0.17 0.00	65.98 0.13 0.00	59.36 -0.18 0.00	97.82 -0.08 0.00	53.81 0.02 0.00	48.25 0.30 0.00	31.81 0.11 0.00	39.13 0.31 0.00	40.82 0.39 0.00	42.69 0.58 0.00	41.72 0.57 0.00	32.34 0.25 0.00	29.04 0.28 0.00	23.97 0.28 0.00
CLINTON___LFGE 323618	58.70 0.84 0.00	52.78 0.95 0.00	52.16 0.85 0.00	52.33 0.74 0.00	49.35 0.70 0.00	52.08 0.73 0.00	50.68 0.76 0.00	51.07 0.85 0.00	60.39 0.89 0.00	67.96 1.00 0.00	52.70 0.43 0.00	66.33 0.47 0.00	59.85 0.31 0.00	98.29 0.39 0.00	54.13 0.34 0.00	48.60 0.65 0.00	32.03 0.33 0.00	39.48 0.66 0.00	41.19 0.77 0.00	43.10 0.99 0.00	42.17 1.01 0.00	32.71 0.62 0.00	29.37 0.61 0.00	24.26 0.57 0.00
COBBLENY_34_KV_TB1 80064	58.22 0.36 0.00	52.20 0.36 0.00	51.08 -0.24 0.00	51.02 -0.57 0.00	47.70 -0.95 0.00	50.51 -0.83 0.00	49.18 -0.74 0.00	49.22 -1.00 0.00	58.01 -1.49 0.00	65.27 -1.70 0.00	50.02 -2.26 0.00	63.89 -1.96 0.00	56.93 -2.62 0.00	95.04 -2.85 0.00	52.15 -1.64 0.00	46.51 -1.44 0.00	30.25 -1.45 0.00	37.18 -1.64 0.00	38.63 -1.80 0.00	40.54 -1.57 0.00	39.74 -1.42 0.00	31.12 -0.97 0.00	27.78 -0.98 0.00	22.98 -0.70 0.00
COFFEEN___115KV_TB3 355620	61.39 3.53 0.00	54.51 2.67 0.00	53.80 2.48 0.00	53.99 2.37 0.00	50.67 2.03 0.00	53.94 2.60 0.00	52.71 2.79 0.00	52.66 2.44 0.00	62.65 3.15 0.00	70.58 3.62 0.00	54.84 2.56 0.00	67.96 2.10 0.00	61.13 1.58 0.00	101.50 3.60 0.00	55.15 1.37 0.00	49.00 1.05 0.00	32.76 1.06 0.00	40.41 1.59 0.00	41.85 1.43 0.00	43.45 1.34 0.00	43.47 2.32 0.00	33.92 1.83 0.00	30.21 1.46 0.00	24.88 1.20 0.00
COLDSPRG_115KV_BK1 355956	59.09 1.23 0.00	53.14 1.31 0.00	51.97 0.65 0.00	51.96 0.37 0.00	48.29 -0.36 0.00	51.11 -0.23 0.00	50.14 0.22 0.00	50.23 0.00 0.00	59.87 0.36 0.00	67.87 0.90 0.00	52.19 -0.09 0.00	66.04 0.18 0.00	58.75 -0.79 0.00	98.17 0.28 0.00	53.94 0.15 0.00	48.00 0.05 0.00	31.14 -0.56 0.00	37.95 -0.87 0.00	39.39 -1.04 0.00	41.32 -0.78 0.00	40.58 -0.58 0.00	31.65 -0.45 0.00	28.36 -0.41 0.00	23.43 -0.26 0.00
COLONIE_LFGE___ 323577	59.71 1.85 0.00	53.60 1.76 0.00	53.32 2.00 0.00	53.73 2.14 0.00	50.67 2.02 0.00	53.46 2.12 0.00	51.72 1.81 0.00	52.25 2.02 0.00	61.70 2.19 0.00	69.51 2.55 0.00	54.13 1.85 0.00	68.14 2.28 0.00	61.73 2.18 0.00	100.72 2.83 0.00	55.50 1.72 0.00	49.44 1.49 0.00	32.64 0.94 0.00	39.95 1.12 0.00	41.58 1.15 0.00	43.28 1.17 0.00	42.37 1.21 0.00	33.08 0.99 0.00	29.72 0.97 0.00	24.69 0.74 -0.27
COOPERNY_115KV_TB1 80082	59.29 1.43 0.00	53.13 1.30 0.00	52.65 1.34 0.00	53.00 1.41 0.00	49.86 1.34 0.13	52.58 1.24 0.00	51.15 1.23 0.00	51.53 1.30 0.00	60.94 1.44 0.00	68.74 1.77 0.00	53.88 1.60 0.00	67.88 2.03 0.00	61.70 2.16 0.00	101.40 3.55 0.06	55.14 1.86 0.51	49.35 1.49 0.10	32.09 0.99 0.60	39.80 1.16 0.18	41.61 1.18 0.00	43.13 1.03 0.00	42.25 1.10 0.00	32.92 0.82 0.00	29.48 0.73 0.00	23.59 0.61 0.70
COPENHAGEN_WT_PWR 323753	60.35 2.49 0.00	53.58 1.74 0.00	52.97 1.66 0.00	53.17 1.55 -0.04	49.83 1.18 0.00	53.11 1.78 0.00	51.89 1.97 0.00	51.80 1.57 0.00	61.62 2.12 0.00	69.54 2.58 0.00	54.12 1.85 0.00	67.22 1.37 0.00	60.43 0.89 0.00	100.20 2.30 0.00	54.47 0.68 0.00	48.49 0.54 0.00	32.36 0.66 0.00	39.75 0.93 0.00	41.18 0.75 0.00	42.81 0.70 0.00	42.74 1.59 0.00	33.31 1.22 0.00	29.72 0.96 0.00	24.53 0.84 0.00
CORNELL_____ 23752	59.32 1.45 0.00	53.06 1.23 0.00	52.23 0.91 0.00	52.52 0.90 -0.02	49.47 0.82 0.00	52.22 0.88 0.00	50.85 0.93 0.00	50.99 0.77 0.00	60.43 0.92 0.00	68.01 1.05 0.00	52.76 0.48 0.00	66.42 0.57 0.00	60.11 0.57 0.00	99.14 1.24 0.00	54.32 0.53 0.00	48.34 0.39 0.00	32.04 0.35 0.00	39.20 0.38 0.00	40.81 0.38 0.00	42.54 0.44 0.00	41.82 0.66 0.00	32.58 0.49 0.00	29.07 0.31 0.00	23.91 0.22 0.00

CORONA__69_KV_TB1 355595	135.51 4.14 -73.51	133.23 3.79 -77.60	55.04 3.71 -0.02	55.23 3.64 0.00	52.31 3.36 -0.30	54.56 3.22 0.00	53.10 3.18 0.00	53.59 3.36 0.00	63.25 3.75 0.00	71.99 4.85 -0.18	85.15 4.24 -28.63	109.68 5.12 -38.70	100.79 5.25 -35.99	119.64 8.31 -13.42	92.59 4.49 -34.30	77.64 3.60 -26.10	47.78 2.25 -13.83	45.72 2.68 -4.22	43.30 2.86 0.00	44.64 2.53 0.00	43.76 2.60 0.00	34.11 2.01 0.00	30.62 1.86 0.00	26.91 1.63 -1.60
CORTLAND__115KV_TB3 80093	58.69 0.83 0.00	52.54 0.71 0.00	51.80 0.49 0.00	52.12 0.50 -0.03	49.08 0.43 0.00	51.78 0.45 0.00	50.41 0.49 0.00	50.58 0.35 0.00	60.14 0.64 0.00	67.62 0.66 0.00	52.37 0.09 0.00	65.95 0.09 0.00	59.62 0.08 0.00	98.33 0.43 0.00	53.93 0.14 0.00	48.02 0.07 0.00	31.77 0.08 0.00	38.89 0.07 0.00	40.51 0.08 0.00	42.21 0.11 0.00	41.42 0.27 0.00	32.31 0.21 0.00	28.87 0.11 0.00	23.75 0.07 0.00
COXSACKIE__GT 23611	60.92 3.06 0.00	54.89 3.06 0.00	54.73 3.42 0.00	55.24 3.65 0.00	52.04 3.39 0.00	54.97 3.64 0.00	53.15 3.23 0.00	53.57 3.34 0.00	63.37 3.87 0.00	71.45 4.48 0.00	55.56 3.28 0.00	70.04 4.18 0.00	63.51 3.97 0.00	103.62 5.72 0.00	56.77 2.98 0.00	50.41 2.46 0.00	33.54 1.84 0.00	40.92 2.10 0.00	42.55 2.12 0.00	44.27 2.16 0.00	43.26 2.10 0.00	33.80 1.71 0.00	30.25 1.49 0.00	24.80 1.11 0.00
CPV_VALLEY__CC1 323721	59.36 1.50 0.00	53.21 1.38 0.00	52.77 1.46 0.00	53.11 1.52 0.00	49.91 1.44 0.18	52.66 1.33 0.00	51.24 1.32 0.00	51.71 1.48 0.00	61.15 1.65 0.00	68.94 1.98 0.00	54.14 1.87 0.00	68.18 2.33 0.00	62.04 2.50 0.00	101.88 4.05 0.07	55.27 2.16 0.67	49.51 1.69 0.13	32.03 1.12 0.79	39.90 1.31 0.24	41.77 1.34 0.00	43.25 1.14 0.00	42.36 1.20 0.00	33.01 0.91 0.00	29.59 0.84 0.00	23.44 0.70 0.94
CPV_VALLEY__CC2 323722	59.36 1.50 0.00	53.21 1.38 0.00	52.77 1.46 0.00	53.11 1.52 0.00	49.91 1.44 0.18	52.66 1.33 0.00	51.24 1.32 0.00	51.71 1.48 0.00	61.15 1.65 0.00	68.94 1.98 0.00	54.14 1.87 0.00	68.18 2.33 0.00	62.04 2.50 0.00	101.88 4.05 0.07	55.27 2.16 0.67	49.51 1.69 0.13	32.03 1.12 0.79	39.90 1.31 0.24	41.77 1.34 0.00	43.25 1.14 0.00	42.36 1.20 0.00	33.01 0.91 0.00	29.59 0.84 0.00	23.44 0.70 0.94
CRESCENT__HYD 24018	59.71 1.85 0.00	53.60 1.76 0.00	53.32 2.00 0.00	53.73 2.14 0.00	50.67 2.02 0.00	53.46 2.12 0.00	51.72 1.81 0.00	52.25 2.02 0.00	61.70 2.19 0.00	69.51 2.55 0.00	54.13 1.85 0.00	68.14 2.28 0.00	61.73 2.18 0.00	100.72 2.83 0.00	55.50 1.72 0.00	49.44 1.49 0.00	32.64 0.94 0.00	39.95 1.12 0.00	41.58 1.15 0.00	43.28 1.17 0.00	42.37 1.21 0.00	33.08 0.99 0.00	29.72 0.97 0.00	24.69 0.74 -0.27
CRICKET__VALLEY_CC1 323756	59.58 1.71 0.00	53.44 1.60 0.00	53.08 1.77 0.00	53.39 1.80 0.00	50.47 1.72 -0.10	52.99 1.65 0.00	51.47 1.55 0.00	52.08 1.86 0.00	61.58 2.08 0.00	69.53 2.56 0.00	54.49 2.21 0.00	68.59 2.73 0.00	62.44 2.90 0.00	102.18 4.24 -0.05	56.54 2.34 -0.41	49.93 1.90 -0.08	33.39 1.21 -0.48	40.43 1.45 -0.15	41.90 1.47 0.00	43.35 1.25 0.00	42.45 1.29 0.00	33.10 1.00 0.00	29.69 0.93 0.00	25.05 0.80 -0.57
CRICKET__VALLEY_CC2 323757	59.58 1.71 0.00	53.44 1.60 0.00	53.08 1.77 0.00	53.39 1.80 0.00	50.47 1.72 -0.10	52.99 1.65 0.00	51.47 1.55 0.00	52.08 1.86 0.00	61.58 2.08 0.00	69.53 2.56 0.00	54.49 2.21 0.00	68.59 2.73 0.00	62.44 2.90 0.00	102.18 4.24 -0.05	56.54 2.34 -0.41	49.93 1.90 -0.08	33.39 1.21 -0.48	40.43 1.45 -0.15	41.90 1.47 0.00	43.35 1.25 0.00	42.45 1.29 0.00	33.10 1.00 0.00	29.69 0.93 0.00	25.05 0.80 -0.57
CRICKET__VALLEY_CC3 323758	59.58 1.71 0.00	53.44 1.60 0.00	53.08 1.77 0.00	53.39 1.80 0.00	50.47 1.72 -0.10	52.99 1.65 0.00	51.47 1.55 0.00	52.08 1.86 0.00	61.58 2.08 0.00	69.53 2.56 0.00	54.49 2.21 0.00	68.59 2.73 0.00	62.44 2.90 0.00	102.18 4.24 -0.05	56.54 2.34 -0.41	49.93 1.90 -0.08	33.39 1.21 -0.48	40.43 1.45 -0.15	41.90 1.47 0.00	43.35 1.25 0.00	42.45 1.29 0.00	33.10 1.00 0.00	29.69 0.93 0.00	25.05 0.80 -0.57
CRUCIBLE__METL_DRP 24180	57.61 -0.25 0.00	51.68 -0.15 0.00	50.98 -0.34 0.00	51.21 -0.42 -0.04	48.26 -0.39 0.00	50.93 -0.41 0.00	49.50 -0.42 0.00	49.73 -0.50 0.00	58.96 -0.55 0.00	66.26 -0.70 0.00	51.37 -0.90 0.00	64.69 -1.17 0.00	58.53 -1.01 0.00	96.34 -1.56 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	31.26 -0.44 0.00	38.26 -0.56 0.00	39.87 -0.56 0.00	41.55 -0.55 0.00	40.79 -0.36 0.00	31.89 -0.20 0.00	28.52 -0.24 0.00	23.46 -0.22 0.00
DAHOWA__HYDRO 323763	61.18 3.32 0.00	54.81 2.98 0.00	54.44 3.12 0.00	54.88 3.29 0.00	51.75 3.10 0.00	54.61 3.27 0.00	52.92 3.00 0.00	53.36 3.14 0.00	63.12 3.62 0.00	71.15 4.18 0.00	55.24 2.96 0.00	69.46 3.60 0.00	62.69 3.14 0.00	102.15 4.25 0.00	56.34 2.56 0.00	50.25 2.30 0.00	33.11 1.41 0.00	40.63 1.81 0.00	42.35 1.92 0.00	44.14 2.04 0.00	43.27 2.12 0.00	33.72 1.62 0.00	30.25 1.49 0.00	25.08 1.15 -0.25
DANC__LFGE 323619	59.03 1.17 0.00	52.57 0.74 0.00	51.96 0.64 0.00	52.19 0.55 -0.05	48.97 0.33 0.00	52.00 0.66 0.00	50.70 0.78 0.00	50.73 0.50 0.00	60.18 0.68 0.00	67.78 0.82 0.00	52.77 0.49 0.00	65.84 -0.02 0.00	59.30 -0.25 0.00	98.10 0.20 0.00	53.52 -0.27 0.00	47.65 -0.30 0.00	31.70 0.00 0.00	38.91 0.09 0.00	40.39 -0.04 0.00	42.04 -0.07 0.00	41.76 0.60 0.00	32.59 0.50 0.00	29.12 0.36 0.00	24.00 0.32 0.00
DANSKAMMER__1 23586	60.82 2.96 0.00	54.49 2.65 0.00	54.04 2.72 0.00	54.34 2.75 0.00	51.24 2.59 0.00	53.88 2.55 0.00	52.44 2.52 0.00	53.02 2.79 0.00	62.76 3.26 0.00	70.82 3.85 0.00	55.57 3.29 0.00	69.94 4.08 0.00	63.72 4.17 0.00	104.49 6.59 0.00	57.30 3.51 0.00	50.83 2.88 0.00	33.58 1.88 0.00	41.08 2.26 0.00	42.75 2.32 0.00	44.24 2.14 0.00	43.31 2.15 0.00	33.72 1.62 0.00	30.21 1.45 0.00	24.88 1.20 0.00
DANSKAMMER__2 23589	60.82 2.96 0.00	54.49 2.65 0.00	54.04 2.72 0.00	54.34 2.75 0.00	51.24 2.59 0.00	53.88 2.55 0.00	52.44 2.52 0.00	53.02 2.79 0.00	62.76 3.26 0.00	70.82 3.85 0.00	55.57 3.29 0.00	69.94 4.08 0.00	63.72 4.17 0.00	104.49 6.59 0.00	57.30 3.51 0.00	50.83 2.88 0.00	33.58 1.88 0.00	41.08 2.26 0.00	42.75 2.32 0.00	44.24 2.14 0.00	43.31 2.15 0.00	33.72 1.62 0.00	30.21 1.45 0.00	24.88 1.20 0.00
DANSKAMMER__3 23590	60.82 2.96 0.00	54.49 2.65 0.00	54.04 2.72 0.00	54.34 2.75 0.00	51.24 2.59 0.00	53.88 2.55 0.00	52.44 2.52 0.00	53.02 2.79 0.00	62.76 3.26 0.00	70.82 3.85 0.00	55.57 3.29 0.00	69.94 4.08 0.00	63.72 4.17 0.00	104.49 6.59 0.00	57.30 3.51 0.00	50.83 2.88 0.00	33.58 1.88 0.00	41.08 2.26 0.00	42.75 2.32 0.00	44.24 2.14 0.00	43.31 2.15 0.00	33.72 1.62 0.00	30.21 1.45 0.00	24.88 1.20 0.00

DANSKAMMER___4 23591	60.82 2.96 0.00	54.49 2.65 0.00	54.04 2.72 0.00	54.34 2.75 0.00	51.24 2.59 0.00	53.88 2.55 0.00	52.44 2.52 0.00	53.02 2.79 0.00	62.76 3.26 0.00	70.82 3.85 0.00	55.57 3.29 0.00	69.94 4.08 0.00	63.72 4.17 0.00	104.49 6.59 0.00	57.30 3.51 0.00	50.83 2.88 0.00	33.58 1.88 0.00	41.08 2.26 0.00	42.75 2.32 0.00	44.24 2.14 0.00	43.31 2.15 0.00	33.72 1.62 0.00	30.21 1.45 0.00	24.88 1.20 0.00
DANSKAMMER___DIESEL 23592	60.82 2.96 0.00	54.49 2.66 0.00	54.04 2.72 0.00	54.34 2.75 0.00	51.24 2.60 0.00	53.89 2.55 0.00	52.45 2.53 0.00	53.03 2.81 0.00	62.76 3.26 0.00	70.82 3.86 0.00	55.57 3.29 0.00	69.93 4.08 0.00	63.72 4.17 0.00	104.50 6.60 0.00	57.30 3.51 0.00	50.84 2.89 0.00	33.58 1.88 0.00	41.08 2.26 0.00	42.75 2.32 0.00	44.24 2.14 0.00	43.31 2.16 0.00	33.72 1.62 0.00	30.21 1.45 0.00	24.88 1.20 0.00
DARBY___SOLAR 323810	60.81 2.95 0.00	54.50 2.66 0.00	54.13 2.82 0.00	54.56 2.97 0.00	51.45 2.80 0.00	54.28 2.94 0.00	52.60 2.68 0.00	53.04 2.82 0.00	62.72 3.22 0.00	70.71 3.75 0.00	54.93 2.65 0.00	69.09 3.23 0.00	62.36 2.82 0.00	101.69 3.79 0.00	56.09 2.30 0.00	50.00 2.05 0.00	32.97 1.27 0.00	40.43 1.61 0.00	42.13 1.71 0.00	43.92 1.81 0.00	43.04 1.88 0.00	33.55 1.45 0.00	30.11 1.35 0.00	24.98 1.04 -0.25
DASHVILLE___HYD 23610	59.98 2.12 0.00	53.75 1.91 0.00	53.31 1.99 0.00	53.63 2.04 0.00	50.58 1.93 0.00	53.18 1.84 0.00	51.74 1.82 0.00	52.31 2.09 0.00	61.81 2.31 0.00	69.66 2.69 0.00	54.70 2.42 0.00	68.80 2.94 0.00	62.73 3.19 0.00	102.77 4.87 0.00	56.37 2.58 0.00	50.11 2.16 0.00	33.11 1.42 0.00	40.53 1.70 0.00	42.17 1.74 0.00	43.65 1.54 0.00	42.74 1.58 0.00	33.29 1.19 0.00	29.83 1.07 0.00	24.58 0.89 0.00
DELAWARE___LFGE 323621	59.35 1.49 0.00	53.16 1.33 0.00	52.66 1.35 0.00	53.10 1.50 -0.01	50.07 1.42 0.00	52.75 1.41 0.00	51.23 1.31 0.00	51.28 1.05 0.00	60.70 1.20 0.00	68.39 1.43 0.00	53.37 1.10 0.00	67.21 1.36 0.00	60.94 1.40 0.00	100.55 2.65 0.00	55.09 1.30 0.00	49.02 1.07 0.00	32.42 0.73 0.00	39.67 0.84 0.00	41.27 0.84 0.00	42.90 0.79 0.00	42.06 0.90 0.00	32.72 0.63 0.00	29.25 0.49 0.00	23.85 0.40 0.24
DERFIELD_115KV_TB7 355931	58.04 0.18 0.00	52.00 0.17 0.00	51.55 0.24 0.00	51.85 0.26 0.00	48.89 0.24 0.00	51.59 0.26 0.00	50.12 0.20 0.00	50.43 0.20 0.00	59.70 0.20 0.00	67.19 0.23 0.00	52.44 0.17 0.00	66.06 0.20 0.00	59.79 0.24 0.00	98.19 0.30 0.00	53.96 0.17 0.00	48.05 0.10 0.00	31.79 0.09 0.00	38.90 0.08 0.00	40.50 0.08 0.00	42.16 0.05 0.00	41.25 0.09 0.00	32.19 0.09 0.00	28.84 0.08 0.00	23.73 0.05 0.00
DOGLEVILLE___HYD 23807	59.17 1.30 0.00	53.00 1.16 0.00	52.81 1.50 0.00	53.23 1.64 0.00	50.27 1.62 0.00	52.96 1.62 0.00	51.26 1.34 0.00	51.76 1.53 0.00	61.11 1.61 0.00	68.92 1.96 0.00	53.70 1.42 0.00	67.38 1.52 0.00	60.94 1.40 0.00	99.69 1.80 0.00	54.76 0.97 0.00	48.60 0.65 0.00	32.27 0.57 0.00	39.46 0.63 0.00	40.98 0.55 0.00	42.71 0.61 0.00	41.80 0.64 0.00	32.63 0.54 0.00	29.21 0.46 0.00	23.93 0.25 0.00
DUNKIRK__115KV_TB_200 55889	57.96 0.10 0.00	52.10 0.27 0.00	50.90 -0.42 0.00	50.88 -0.71 0.00	47.30 -1.35 0.00	50.08 -1.26 0.00	48.70 -1.22 0.00	48.53 -1.69 0.00	57.69 -1.81 0.00	65.28 -1.68 0.00	50.26 -2.01 0.00	64.01 -1.84 0.00	56.72 -2.82 0.00	94.93 -2.97 0.00	52.22 -1.57 0.00	46.41 -1.54 0.00	30.22 -1.48 0.00	36.99 -1.83 0.00	38.44 -1.99 0.00	40.36 -1.74 0.00	39.74 -1.42 0.00	30.97 -1.12 0.00	27.69 -1.06 0.00	22.86 -0.83 0.00
DUNKIRK___1 23563	57.96 0.10 0.00	52.10 0.27 0.00	50.90 -0.42 0.00	50.88 -0.71 0.00	47.30 -1.35 0.00	50.08 -1.26 0.00	48.70 -1.22 0.00	48.53 -1.69 0.00	57.69 -1.81 0.00	65.28 -1.68 0.00	50.26 -2.01 0.00	64.01 -1.84 0.00	56.72 -2.82 0.00	94.93 -2.97 0.00	52.22 -1.57 0.00	46.41 -1.54 0.00	30.22 -1.48 0.00	36.99 -1.83 0.00	38.44 -1.99 0.00	40.36 -1.74 0.00	39.74 -1.42 0.00	30.97 -1.12 0.00	27.69 -1.06 0.00	22.86 -0.83 0.00
DUNKIRK___2 23564	57.96 0.10 0.00	52.10 0.27 0.00	50.90 -0.42 0.00	50.88 -0.71 0.00	47.30 -1.35 0.00	50.08 -1.26 0.00	48.70 -1.22 0.00	48.53 -1.69 0.00	57.69 -1.81 0.00	65.28 -1.68 0.00	50.26 -2.01 0.00	64.01 -1.84 0.00	56.72 -2.82 0.00	94.93 -2.97 0.00	52.22 -1.57 0.00	46.41 -1.54 0.00	30.22 -1.48 0.00	36.99 -1.83 0.00	38.44 -1.99 0.00	40.36 -1.74 0.00	39.74 -1.42 0.00	30.97 -1.12 0.00	27.69 -1.06 0.00	22.86 -0.83 0.00
DUNKIRK___3 23565	57.83 -0.03 0.00	51.95 0.12 0.00	50.79 -0.52 0.00	50.79 -0.80 0.00	47.32 -1.33 0.00	50.07 -1.27 0.00	48.74 -1.18 0.00	48.62 -1.61 0.00	57.63 -1.87 0.00	65.07 -1.89 0.00	50.05 -2.22 0.00	63.81 -2.05 0.00	56.68 -2.86 0.00	94.76 -3.13 0.00	52.08 -1.71 0.00	46.31 -1.64 0.00	30.17 -1.53 0.00	36.97 -1.85 0.00	38.41 -2.02 0.00	40.30 -1.81 0.00	39.62 -1.53 0.00	30.93 -1.17 0.00	27.66 -1.10 0.00	22.85 -0.84 0.00
DUNKIRK___4 23566	57.83 -0.03 0.00	51.95 0.12 0.00	50.79 -0.52 0.00	50.79 -0.80 0.00	47.32 -1.33 0.00	50.07 -1.27 0.00	48.74 -1.18 0.00	48.62 -1.61 0.00	57.63 -1.87 0.00	65.07 -1.89 0.00	50.05 -2.22 0.00	63.81 -2.05 0.00	56.68 -2.86 0.00	94.76 -3.13 0.00	52.08 -1.71 0.00	46.31 -1.64 0.00	30.17 -1.53 0.00	36.97 -1.85 0.00	38.41 -2.02 0.00	40.30 -1.81 0.00	39.62 -1.53 0.00	30.93 -1.17 0.00	27.66 -1.10 0.00	22.85 -0.84 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	60.71 2.85 0.00	54.50 2.67 0.00	54.10 2.78 0.00	54.40 2.81 0.00	51.62 2.67 -0.30	53.86 2.53 0.00	52.46 2.54 0.00	53.05 2.83 0.00	62.72 3.22 0.00	70.71 3.75 0.00	55.71 3.43 0.00	70.04 4.18 0.00	63.83 4.29 0.00	106.09 6.90 -1.30	69.30 3.66 -11.85	53.20 2.99 -2.26	47.50 1.96 -13.83	45.42 2.37 -4.22	42.89 2.47 0.00	44.29 2.19 0.00	43.37 2.21 0.00	33.81 1.71 0.00	30.33 1.57 0.00	26.62 1.33 -1.61
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	60.30 2.44 0.00	54.03 2.20 0.00	53.57 2.25 0.00	53.88 2.29 0.00	50.71 2.17 0.10	53.42 2.09 0.00	52.00 2.08 0.00	52.56 2.33 0.00	62.15 2.65 0.00	70.13 3.16 0.00	55.05 2.78 0.00	69.31 3.45 0.00	63.14 3.59 0.00	103.64 5.78 0.04	56.50 3.06 0.35	50.37 2.49 0.07	32.92 1.63 0.41	40.65 1.96 0.12	42.42 2.00 0.00	43.91 1.80 0.00	42.99 1.84 0.00	33.48 1.39 0.00	30.00 1.24 0.00	24.25 1.03 0.46
E179THST_138_KV_TB4_REV_LBMP_J 345001	60.56 2.70 0.00	54.52 2.69 0.00	54.27 2.96 0.00	54.32 2.73 0.00	51.62 2.67 -0.30	53.78 2.45 0.00	52.46 2.54 0.00	53.05 2.82 0.00	62.51 3.01 0.00	70.38 3.42 0.00	55.82 3.55 0.00	69.59 3.74 0.00	63.60 4.06 0.00	105.53 6.33 -1.30	69.00 3.36 -11.85	53.13 2.92 -2.26	47.55 2.02 -13.83	45.57 2.52 -4.22	42.96 2.54 0.00	44.35 2.25 0.00	43.60 2.45 0.00	34.00 1.90 0.00	30.52 1.76 0.00	26.71 1.43 -1.60

E179THST_13_KV_LOAD 356214	61.02 3.16 0.00	54.91 3.07 0.00	54.65 3.33 0.00	54.68 3.09 0.00	51.95 3.01 -0.30	54.15 2.81 0.00	52.81 2.89 0.00	53.42 3.20 0.00	62.95 3.45 0.00	70.87 3.91 0.00	56.20 3.93 0.00	70.08 4.23 0.00	64.08 4.53 0.00	106.31 7.12 -1.30	69.41 3.78 -11.85	53.48 3.28 -2.26	47.77 2.24 -13.83	45.84 2.80 -4.22	43.24 2.82 0.00	44.65 2.54 0.00	43.88 2.72 0.00	34.21 2.11 0.00	30.69 1.94 0.00	26.86 1.57 -1.60
EAST HAMPTON___GT 23717	64.74 4.05 -2.84	60.39 3.78 -4.78	55.67 4.36 0.00	56.83 5.24 0.00	53.44 4.50 -0.30	56.43 5.10 0.00	55.49 5.57 0.00	55.99 5.76 0.00	66.07 6.56 0.00	75.74 8.60 -0.18	62.76 7.36 -3.12	74.57 9.03 0.32	72.18 8.62 -4.02	138.52 13.76 -26.86	83.03 7.26 -21.98	57.07 5.81 -3.31	48.92 3.40 -13.83	46.86 3.82 -4.22	43.89 3.46 0.00	44.09 1.98 0.00	43.31 2.16 0.00	34.03 1.93 0.00	30.25 1.49 0.00	26.59 1.30 -1.60
EAST RIVER___6 23660	60.73 2.87 0.00	54.56 2.72 0.00	54.17 2.86 0.00	54.43 2.84 0.00	51.71 2.76 -0.30	53.90 2.57 0.00	52.53 2.62 0.00	53.19 2.97 0.00	62.87 3.37 0.00	70.81 3.84 0.00	55.88 3.61 0.00	70.19 4.34 0.00	63.99 4.44 0.00	106.31 7.11 -1.30	69.40 3.76 -11.85	53.31 3.11 -2.26	47.59 2.06 -13.83	45.61 2.56 -4.22	43.10 2.67 0.00	44.46 2.36 0.00	43.53 2.37 0.00	33.93 1.83 0.00	30.44 1.68 0.00	26.72 1.43 -1.61
EAST RIVER___7 23524	60.73 2.87 0.00	54.56 2.72 0.00	54.17 2.86 0.00	54.43 2.84 0.00	51.71 2.76 -0.30	53.90 2.57 0.00	52.53 2.62 0.00	53.19 2.97 0.00	62.87 3.37 0.00	70.81 3.84 0.00	55.88 3.61 0.00	70.19 4.34 0.00	63.99 4.44 0.00	106.31 7.11 -1.30	69.40 3.76 -11.85	53.31 3.11 -2.26	47.59 2.06 -13.83	45.61 2.56 -4.22	43.10 2.67 0.00	44.46 2.36 0.00	43.53 2.37 0.00	33.93 1.83 0.00	30.44 1.68 0.00	26.72 1.43 -1.61
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	60.48 2.63 0.00	54.29 2.45 0.00	53.86 2.55 0.00	54.17 2.58 0.00	51.43 2.47 -0.31	53.66 2.33 0.00	52.26 2.34 0.00	52.86 2.63 0.00	62.48 2.98 0.00	70.47 3.50 0.00	55.48 3.21 0.00	69.79 3.93 0.00	63.60 4.05 0.00	105.72 6.52 -1.31	69.19 3.47 -11.93	53.06 2.83 -2.27	47.48 1.85 -13.93	45.31 2.23 -4.25	42.73 2.31 0.00	44.14 2.03 0.00	43.24 2.08 0.00	33.69 1.60 0.00	30.21 1.45 0.00	26.58 1.23 -1.67
EAST_HAMPTON___DIESEL 23722	64.59 3.89 -2.84	60.27 3.66 -4.78	55.58 4.27 0.00	56.79 5.20 0.00	53.40 4.46 -0.30	56.42 5.08 0.00	55.52 5.60 0.00	56.03 5.80 0.00	66.09 6.59 0.00	75.78 8.64 -0.18	62.80 7.40 -3.12	74.62 9.08 0.32	72.22 8.65 -4.02	138.58 13.82 -26.86	83.06 7.29 -21.98	57.10 5.84 -3.31	48.95 3.43 -13.83	46.86 3.81 -4.22	43.87 3.44 0.00	43.98 1.87 0.00	43.21 2.05 0.00	33.95 1.86 0.00	30.18 1.42 0.00	26.52 1.23 -1.60
EAST_POINT___SOLAR 323840	62.16 4.30 0.00	55.55 3.72 0.00	54.77 3.46 0.00	55.02 3.42 0.00	51.80 3.15 0.00	54.78 3.44 0.00	53.51 3.59 0.00	53.78 3.55 0.00	63.85 4.35 0.00	71.85 4.88 0.00	56.10 3.82 0.00	69.92 4.06 0.00	62.43 2.89 0.00	103.53 5.63 0.00	56.67 2.88 0.00	50.60 2.65 0.00	33.64 1.95 0.00	41.32 2.50 0.00	43.09 2.66 0.00	45.01 2.90 0.00	44.05 2.89 0.00	34.23 2.13 0.00	30.58 1.82 0.00	25.11 1.42 0.00
EAST_PULASKI___ESR 323781	57.66 -0.20 0.00	51.51 -0.33 0.00	50.89 -0.42 0.00	51.15 -0.51 -0.07	48.08 -0.57 0.00	50.84 -0.50 0.00	49.45 -0.46 0.00	49.59 -0.63 0.00	58.66 -0.84 0.00	65.93 -1.04 0.00	51.34 -0.94 0.00	64.34 -1.52 0.00	58.07 -1.48 0.00	95.86 -2.04 0.00	52.49 -1.30 0.00	46.78 -1.16 0.00	31.03 -0.67 0.00	38.06 -0.76 0.00	39.59 -0.84 0.00	41.26 -0.85 0.00	40.75 -0.41 0.00	31.87 -0.23 0.00	28.51 -0.25 0.00	23.47 -0.22 0.00
EAST_RIVER___1 323558	60.79 2.93 0.00	54.61 2.77 0.00	54.21 2.90 0.00	54.48 2.89 0.00	51.74 2.79 -0.30	53.95 2.61 0.00	52.58 2.66 0.00	53.24 3.02 0.00	62.92 3.42 0.00	70.86 3.90 0.00	55.91 3.64 0.00	70.25 4.40 0.00	64.03 4.49 0.00	106.42 7.22 -1.30	69.43 3.80 -11.85	53.35 3.15 -2.26	47.63 2.09 -13.83	45.63 2.58 -4.22	43.13 2.71 0.00	44.50 2.39 0.00	43.56 2.41 0.00	33.96 1.86 0.00	30.46 1.70 0.00	26.73 1.44 -1.61
EAST_RIVER___2 323559	60.73 2.87 0.00	54.56 2.72 0.00	54.17 2.86 0.00	54.43 2.84 0.00	51.71 2.76 -0.30	53.90 2.57 0.00	52.53 2.62 0.00	53.19 2.97 0.00	62.87 3.37 0.00	70.81 3.84 0.00	55.88 3.61 0.00	70.19 4.34 0.00	63.99 4.44 0.00	106.31 7.11 -1.30	69.40 3.76 -11.85	53.31 3.11 -2.26	47.59 2.06 -13.83	45.61 2.56 -4.22	43.10 2.67 0.00	44.46 2.36 0.00	43.53 2.37 0.00	33.93 1.83 0.00	30.44 1.68 0.00	26.72 1.43 -1.61
EAST___DELAWARE_HYD 23607	59.34 1.48 0.00	53.06 1.23 0.00	52.52 1.20 0.00	52.81 1.22 0.00	49.72 1.15 0.08	52.39 1.05 0.00	51.00 1.08 0.00	51.47 1.24 0.00	60.95 1.45 0.00	68.87 1.90 0.00	54.01 1.73 0.00	68.02 2.16 0.00	62.01 2.47 0.00	101.70 3.83 0.03	55.48 1.97 0.28	49.44 1.55 0.05	32.40 1.03 0.32	39.94 1.22 0.10	41.64 1.21 0.00	43.14 1.03 0.00	42.23 1.08 0.00	32.85 0.76 0.00	29.40 0.64 0.00	23.82 0.51 0.37
EIGHT_POINT___WT_PWR 323820	58.87 1.01 0.00	52.47 0.63 0.00	50.75 -0.56 0.00	50.50 -1.11 -0.01	46.96 -1.69 0.00	49.64 -1.70 0.00	48.18 -1.74 0.00	48.19 -2.04 0.00	57.00 -2.51 0.00	64.80 -2.16 0.00	50.28 -2.00 0.00	63.83 -2.02 0.00	56.88 -2.67 0.00	95.41 -2.49 0.00	52.55 -1.24 0.00	46.59 -1.36 0.00	30.52 -1.17 0.00	37.52 -1.30 0.00	38.84 -1.59 0.00	40.39 -1.72 0.00	39.87 -1.29 0.00	31.02 -1.08 0.00	27.53 -1.23 0.00	22.77 -0.92 0.00
ELBRIDGE_115KV_TB2 80188	57.40 -0.46 0.00	51.46 -0.37 0.00	50.74 -0.58 0.00	50.99 -0.65 -0.05	48.06 -0.59 0.00	50.72 -0.62 0.00	49.28 -0.64 0.00	49.50 -0.73 0.00	58.54 -0.97 0.00	65.78 -1.19 0.00	51.06 -1.22 0.00	64.32 -1.53 0.00	58.23 -1.31 0.00	95.86 -2.04 0.00	52.66 -1.13 0.00	46.97 -0.98 0.00	31.09 -0.61 0.00	38.07 -0.75 0.00	39.65 -0.78 0.00	41.32 -0.78 0.00	40.60 -0.56 0.00	31.73 -0.37 0.00	28.38 -0.38 0.00	23.36 -0.32 0.00
ELEC_TRO_TEK 24086	95.17 3.61 -33.70	91.70 3.29 -36.58	54.57 3.24 -0.01	54.73 3.14 0.00	51.86 2.91 -0.30	54.10 2.76 0.00	52.65 2.73 0.00	53.14 2.91 0.00	62.77 3.27 0.00	71.48 4.34 -0.18	69.75 3.89 -13.59	86.63 4.61 -16.15	81.83 4.75 -17.54	111.80 7.52 -6.38	82.65 4.03 -24.84	62.56 3.19 -11.43	47.51 1.98 -13.83	45.39 2.35 -4.22	42.97 2.54 0.00	44.31 2.20 0.00	43.44 2.28 0.00	33.87 1.77 0.00	30.38 1.62 0.00	26.72 1.44 -1.60
ELLENBURG_WT_PWR 323604	58.07 0.21 0.00	52.13 0.30 0.00	51.52 0.20 0.00	51.69 0.10 0.00	48.76 0.12 0.00	51.44 0.10 0.00	50.10 0.18 0.00	50.47 0.25 0.00	59.78 0.28 0.00	67.32 0.35 0.00	52.44 0.17 0.00	65.98 0.13 0.00	59.36 -0.18 0.00	97.82 -0.08 0.00	53.81 0.02 0.00	48.25 0.30 0.00	31.81 0.11 0.00	39.13 0.31 0.00	40.82 0.39 0.00	42.69 0.58 0.00	41.72 0.57 0.00	32.34 0.25 0.00	29.04 0.28 0.00	23.97 0.28 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	57.67 -0.19 0.00	51.72 -0.11 0.00	50.66 -0.65 0.00	50.58 -1.01 0.00	47.29 -1.36 0.00	50.08 -1.25 0.00	48.71 -1.21 0.00	48.71 -1.52 0.00	57.39 -2.11 0.00	64.52 -2.45 0.00	49.43 -2.84 0.00	63.13 -2.73 0.00	56.21 -3.34 0.00	93.89 -4.01 0.00	51.52 -2.27 0.00	45.98 -1.97 0.00	29.89 -1.80 0.00	36.77 -2.05 0.00	38.21 -2.22 0.00	40.10 -2.01 0.00	39.29 -1.87 0.00	30.80 -1.30 0.00	27.49 -1.26 0.00	22.76 -0.93 0.00
EMPIRE_CC_1 323656	58.47 0.61 0.00	52.72 0.89 0.00	52.59 1.27 0.00	52.99 1.40 0.00	50.05 1.36 -0.05	52.72 1.38 0.00	50.85 0.93 0.00	51.36 1.13 0.00	60.63 1.13 0.00	68.28 1.31 0.00	53.16 0.88 0.00	66.89 1.03 0.00	60.69 1.15 0.00	99.00 1.07 -0.03	54.79 0.76 -0.24	48.64 0.64 -0.05	32.45 0.47 -0.28	39.38 0.47 -0.09	40.87 0.45 0.00	42.50 0.39 0.00	41.60 0.44 0.00	32.57 0.48 0.00	29.34 0.58 0.00	24.46 0.44 -0.33
EMPIRE_CC_2 323658	58.47 0.61 0.00	52.72 0.89 0.00	52.59 1.27 0.00	52.99 1.40 0.00	50.05 1.36 -0.05	52.72 1.38 0.00	50.85 0.93 0.00	51.36 1.13 0.00	60.63 1.13 0.00	68.28 1.31 0.00	53.16 0.88 0.00	66.89 1.03 0.00	60.69 1.15 0.00	99.00 1.07 -0.03	54.79 0.76 -0.24	48.64 0.64 -0.05	32.45 0.47 -0.28	39.38 0.47 -0.09	40.87 0.45 0.00	42.50 0.39 0.00	41.60 0.44 0.00	32.57 0.48 0.00	29.34 0.58 0.00	24.46 0.44 -0.33
ENORWICH_115KV_TB1 80156	62.29 4.43 0.00	55.62 3.78 0.00	54.66 3.34 0.00	55.00 3.39 -0.02	51.81 3.16 0.00	54.74 3.40 0.00	53.39 3.47 0.00	53.42 3.19 0.00	63.35 3.85 0.00	71.31 4.34 0.00	54.96 2.68 0.00	69.02 3.16 0.00	62.88 3.34 0.00	104.61 6.71 0.00	56.77 2.98 0.00	50.55 2.60 0.00	33.70 2.00 0.00	41.16 2.34 0.00	42.69 2.26 0.00	44.47 2.37 0.00	43.93 2.77 0.00	33.85 1.75 0.00	29.99 1.23 0.00	24.64 0.96 0.00
ERIE_ST__34_KV_TB1-2 80199	58.38 0.51 0.00	52.28 0.44 0.00	51.18 -0.13 0.00	51.07 -0.52 0.00	47.75 -0.90 0.00	50.51 -0.83 0.00	49.22 -0.70 0.00	49.28 -0.95 0.00	58.11 -1.39 0.00	65.37 -1.59 0.00	50.12 -2.16 0.00	64.00 -1.86 0.00	57.06 -2.49 0.00	95.20 -2.70 0.00	52.20 -1.59 0.00	46.56 -1.39 0.00	30.30 -1.40 0.00	37.23 -1.60 0.00	38.70 -1.73 0.00	40.60 -1.51 0.00	39.76 -1.40 0.00	31.14 -0.95 0.00	27.80 -0.96 0.00	22.98 -0.70 0.00
ERIE_WT_PWR 323693	57.96 0.10 0.00	51.95 0.11 0.00	50.84 -0.47 0.00	50.76 -0.84 0.00	47.42 -1.23 0.00	50.26 -1.08 0.00	48.91 -1.01 0.00	48.93 -1.30 0.00	57.68 -1.82 0.00	64.89 -2.07 0.00	49.73 -2.55 0.00	63.52 -2.34 0.00	56.54 -3.00 0.00	94.48 -3.42 0.00	51.82 -1.97 0.00	46.23 -1.72 0.00	30.08 -1.62 0.00	36.97 -1.85 0.00	38.37 -2.06 0.00	40.25 -1.86 0.00	39.53 -1.63 0.00	30.96 -1.13 0.00	27.63 -1.13 0.00	22.87 -0.81 0.00
ESPRGFLD_115KV_TB1 80157	60.84 2.98 0.00	54.38 2.55 0.00	53.56 2.24 0.00	53.79 2.20 0.00	50.62 1.97 0.00	53.46 2.12 0.00	52.20 2.29 0.00	52.30 2.07 0.00	61.78 2.28 0.00	69.48 2.51 0.00	54.16 1.88 0.00	68.27 2.41 0.00	61.77 2.23 0.00	102.44 4.54 0.00	56.07 2.28 0.00	50.03 2.08 0.00	33.11 1.41 0.00	40.58 1.76 0.00	42.24 1.81 0.00	44.04 1.94 0.00	43.13 1.97 0.00	33.49 1.40 0.00	29.87 1.11 0.00	24.58 0.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	59.17 1.31 0.00	52.96 1.13 0.00	52.14 0.82 0.00	52.43 0.81 -0.03	49.38 0.73 0.00	52.13 0.79 0.00	50.75 0.83 0.00	50.90 0.67 0.00	60.31 0.81 0.00	67.88 0.91 0.00	52.65 0.37 0.00	66.29 0.43 0.00	60.01 0.46 0.00	98.96 1.06 0.00	54.23 0.44 0.00	48.26 0.32 0.00	31.98 0.29 0.00	39.12 0.30 0.00	40.75 0.32 0.00	42.47 0.36 0.00	41.73 0.57 0.00	32.52 0.42 0.00	29.02 0.26 0.00	23.87 0.18 0.00
ETNA____115KV_TB2 80207	59.17 1.31 0.00	52.96 1.13 0.00	52.14 0.82 0.00	52.43 0.81 -0.03	49.38 0.73 0.00	52.13 0.79 0.00	50.75 0.83 0.00	50.90 0.67 0.00	60.31 0.81 0.00	67.88 0.91 0.00	52.65 0.37 0.00	66.29 0.43 0.00	60.01 0.46 0.00	98.96 1.06 0.00	54.23 0.44 0.00	48.26 0.32 0.00	31.98 0.29 0.00	39.12 0.30 0.00	40.75 0.32 0.00	42.47 0.36 0.00	41.73 0.57 0.00	32.52 0.42 0.00	29.02 0.26 0.00	23.87 0.18 0.00
EUCLID___115KV_TB2 356179	57.06 -0.80 0.00	51.08 -0.75 0.00	50.45 -0.87 0.00	50.67 -0.95 -0.02	47.73 -0.92 0.00	50.37 -0.97 0.00	48.96 -0.96 0.00	49.18 -1.05 0.00	58.05 -1.45 0.00	65.25 -1.71 0.00	50.86 -1.41 0.00	64.09 -1.77 0.00	57.95 -1.60 0.00	95.40 -2.50 0.00	52.40 -1.39 0.00	46.72 -1.23 0.00	30.92 -0.78 0.00	37.86 -0.97 0.00	39.43 -1.00 0.00	41.10 -1.01 0.00	40.31 -0.85 0.00	31.53 -0.56 0.00	28.20 -0.56 0.00	23.21 -0.48 0.00
E_CANADA_CAP_HY 24051	61.41 3.55 0.00	54.92 3.08 0.00	54.09 2.78 0.00	54.27 2.68 0.00	51.06 2.41 0.00	53.98 2.64 0.00	52.73 2.81 0.00	52.93 2.70 0.00	63.01 3.51 0.00	70.92 3.96 0.00	55.45 3.18 0.00	69.42 3.56 0.00	62.14 2.60 0.00	102.81 4.92 0.00	56.41 2.62 0.00	50.38 2.43 0.00	33.37 1.67 0.00	40.97 2.15 0.00	42.67 2.24 0.00	44.58 2.47 0.00	43.60 2.44 0.00	33.87 1.78 0.00	30.28 1.52 0.00	24.90 1.21 0.00
E_CANADA_MHWK_HY 24050	59.16 1.30 0.00	53.00 1.17 0.00	52.81 1.50 0.00	53.23 1.64 0.00	50.27 1.62 0.00	52.96 1.62 0.00	51.26 1.34 0.00	51.75 1.52 0.00	61.10 1.60 0.00	68.92 1.95 0.00	53.69 1.42 0.00	67.38 1.52 0.00	60.94 1.40 0.00	99.69 1.80 0.00	54.76 0.97 0.00	48.60 0.65 0.00	32.27 0.57 0.00	39.46 0.63 0.00	40.98 0.55 0.00	42.72 0.61 0.00	41.80 0.64 0.00	32.63 0.54 0.00	29.21 0.46 0.00	23.93 0.25 0.00
E_FISHKILL___LBMP 23776	59.89 2.03 0.00	53.73 1.90 0.00	53.35 2.03 0.00	53.68 2.08 0.00	50.71 1.99 -0.07	53.23 1.89 0.00	51.75 1.83 0.00	52.32 2.09 0.00	61.85 2.35 0.00	69.75 2.78 0.00	54.78 2.50 0.00	68.92 3.06 0.00	62.76 3.21 0.00	102.93 5.00 -0.04	56.81 2.69 -0.33	50.19 2.18 -0.06	33.50 1.42 -0.38	40.65 1.71 -0.12	42.19 1.76 0.00	43.64 1.54 0.00	42.74 1.58 0.00	33.31 1.22 0.00	29.88 1.12 0.00	25.06 0.95 -0.43
FALCON___SEABRD_CC1 323796	58.20 0.34 0.00	52.46 0.62 0.00	51.87 0.55 0.00	52.06 0.47 0.00	49.09 0.44 0.00	51.80 0.46 0.00	50.38 0.46 0.00	50.78 0.56 0.00	59.98 0.48 0.00	67.63 0.66 0.00	52.41 0.13 0.00	65.92 0.06 0.00	59.47 -0.08 0.00	97.73 -0.17 0.00	53.85 0.06 0.00	48.28 0.33 0.00	31.82 0.12 0.00	39.17 0.34 0.00	40.86 0.44 0.00	42.76 0.65 0.00	41.84 0.68 0.00	32.46 0.36 0.00	29.21 0.46 0.00	24.19 0.51 0.00
FALCON___SEABRD_CC2 323797	58.20 0.34 0.00	52.46 0.62 0.00	51.87 0.55 0.00	52.06 0.47 0.00	49.09 0.44 0.00	51.80 0.46 0.00	50.38 0.46 0.00	50.78 0.56 0.00	59.98 0.48 0.00	67.63 0.66 0.00	52.41 0.13 0.00	65.92 0.06 0.00	59.47 -0.08 0.00	97.73 -0.17 0.00	53.85 0.06 0.00	48.28 0.33 0.00	31.82 0.12 0.00	39.17 0.34 0.00	40.86 0.44 0.00	42.76 0.65 0.00	41.84 0.68 0.00	32.46 0.36 0.00	29.21 0.46 0.00	24.19 0.51 0.00

FAR ROCKAWAY___4 23548	140.60 4.67 -78.06	138.47 4.34 -82.29	55.57 4.23 -0.02	55.86 4.27 0.00	52.89 3.94 -0.30	55.19 3.85 0.00	53.71 3.79 0.00	54.22 4.00 0.00	63.99 4.49 0.00	72.76 5.62 -0.18	87.19 4.57 -30.33	112.64 5.53 -41.26	103.31 5.68 -38.08	121.14 9.02 -14.22	94.08 4.92 -35.38	79.64 3.93 -27.76	48.06 2.54 -13.83	46.01 2.97 -4.22	43.61 3.18 0.00	44.95 2.85 0.00	44.05 2.89 0.00	34.31 2.21 0.00	30.88 2.12 0.00	27.17 1.89 -1.60
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	60.82 2.96 0.00	54.62 2.79 0.00	54.23 2.92 0.00	54.50 2.91 0.00	51.77 2.82 -0.30	53.98 2.64 0.00	52.61 2.69 0.00	53.27 3.05 0.00	62.95 3.46 0.00	70.90 3.94 0.00	55.93 3.66 0.00	70.26 4.40 0.00	64.05 4.51 0.00	106.46 7.27 -1.30	69.45 3.81 -11.85	53.36 3.15 -2.26	47.63 2.10 -13.83	45.64 2.60 -4.22	43.14 2.72 0.00	44.52 2.41 0.00	43.59 2.44 0.00	33.98 1.89 0.00	30.48 1.72 0.00	26.76 1.47 -1.61
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	60.85 2.99 0.00	54.66 2.82 0.00	54.27 2.96 0.00	54.53 2.94 0.00	51.79 2.84 -0.30	54.00 2.66 0.00	52.64 2.72 0.00	53.29 3.07 0.00	62.96 3.46 0.00	70.91 3.95 0.00	55.95 3.67 0.00	70.27 4.41 0.00	64.06 4.52 0.00	106.49 7.29 -1.30	69.47 3.83 -11.85	53.39 3.18 -2.26	47.64 2.11 -13.83	45.65 2.60 -4.22	43.16 2.73 0.00	44.54 2.43 0.00	43.61 2.45 0.00	33.99 1.90 0.00	30.49 1.73 0.00	26.76 1.47 -1.61
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	60.76 2.90 0.00	54.56 2.73 0.00	54.19 2.88 0.00	54.47 2.87 0.00	51.73 2.78 -0.30	53.93 2.60 0.00	52.57 2.65 0.00	53.24 3.01 0.00	62.91 3.41 0.00	70.85 3.88 0.00	55.89 3.62 0.00	70.20 4.35 0.00	63.99 4.44 0.00	106.37 7.17 -1.30	69.40 3.76 -11.85	53.32 3.12 -2.26	47.61 2.08 -13.83	45.61 2.56 -4.22	43.11 2.68 0.00	44.48 2.37 0.00	43.55 2.39 0.00	33.95 1.85 0.00	30.45 1.70 0.00	26.73 1.44 -1.61
FARRAGUT___LBMP 323566	60.70 2.84 0.00	54.51 2.68 0.00	54.14 2.82 0.00	54.41 2.82 0.00	51.68 2.73 -0.30	53.88 2.54 0.00	52.52 2.60 0.00	53.16 2.93 0.00	62.83 3.33 0.00	70.73 3.77 0.00	55.81 3.53 0.00	70.10 4.25 0.00	63.91 4.36 0.00	106.22 7.02 -1.30	69.32 3.68 -11.85	53.26 3.05 -2.26	47.56 2.03 -13.83	45.55 2.51 -4.22	43.06 2.63 0.00	44.43 2.33 0.00	43.51 2.36 0.00	33.92 1.82 0.00	30.43 1.67 0.00	26.71 1.42 -1.61
FENNER___WINDPWR 24204	59.34 1.48 0.00	53.06 1.22 0.00	52.41 1.10 0.00	52.70 1.09 -0.02	49.62 0.97 0.00	52.38 1.04 0.00	50.98 1.06 0.00	51.22 1.00 0.00	60.80 1.30 0.00	68.39 1.42 0.00	53.14 0.86 0.00	66.92 1.07 0.00	60.33 0.78 0.00	99.58 1.68 0.00	54.56 0.77 0.00	48.59 0.64 0.00	32.21 0.52 0.00	39.46 0.63 0.00	41.10 0.67 0.00	42.85 0.75 0.00	41.98 0.82 0.00	32.72 0.63 0.00	29.23 0.48 0.00	24.05 0.36 0.00
FIBERTEK___ENERGY 23856	57.61 -0.25 0.00	51.68 -0.15 0.00	50.98 -0.34 0.00	51.21 -0.42 -0.04	48.26 -0.39 0.00	50.93 -0.41 0.00	49.50 -0.42 0.00	49.73 -0.50 0.00	58.96 -0.55 0.00	66.26 -0.70 0.00	51.37 -0.90 0.00	64.69 -1.17 0.00	58.53 -1.01 0.00	96.34 -1.56 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	31.26 -0.44 0.00	38.26 -0.56 0.00	39.87 -0.56 0.00	41.55 -0.55 0.00	40.79 -0.36 0.00	31.89 -0.20 0.00	28.52 -0.24 0.00	23.46 -0.22 0.00
FITZPATRICK___ 23598	56.18 -1.68 0.00	50.29 -1.54 0.00	49.70 -1.62 0.00	49.62 -1.72 0.25	47.03 -1.62 0.00	49.62 -1.71 0.00	48.20 -1.72 0.00	48.43 -1.80 0.00	57.19 -2.31 0.00	64.27 -2.70 0.00	50.08 -2.20 0.00	63.09 -2.77 0.00	57.05 -2.50 0.00	93.87 -4.03 0.00	51.58 -2.20 0.00	46.01 -1.94 0.00	30.45 -1.25 0.00	37.29 -1.53 0.00	38.83 -1.60 0.00	40.49 -1.61 0.00	39.71 -1.45 0.00	31.07 -1.03 0.00	27.81 -0.94 0.00	22.90 -0.78 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	60.95 3.09 0.00	54.60 2.77 0.00	54.16 2.84 0.00	54.46 2.86 0.00	51.35 2.70 0.00	53.99 2.66 0.00	52.55 2.63 0.00	53.15 2.92 0.00	62.90 3.40 0.00	70.99 4.02 0.00	55.71 3.43 0.00	70.11 4.25 0.00	63.88 4.34 0.00	104.77 6.87 0.00	57.43 3.64 0.00	50.95 3.00 0.00	33.64 1.95 0.00	41.18 2.35 0.00	42.84 2.41 0.00	44.33 2.23 0.00	43.40 2.24 0.00	33.79 1.70 0.00	30.28 1.52 0.00	24.93 1.24 0.00
FORT ORANGE___ 23900	58.49 0.63 0.00	52.70 0.86 0.00	52.63 1.31 0.00	53.08 1.49 0.00	50.08 1.43 0.00	52.75 1.42 0.00	50.79 0.87 0.00	51.14 0.91 0.00	60.35 0.85 0.00	67.96 0.99 0.00	52.99 0.71 0.00	66.74 0.89 0.00	60.56 1.02 0.00	99.00 1.11 0.00	54.44 0.65 0.00	48.44 0.49 0.00	32.09 0.40 0.00	39.23 0.41 0.00	40.77 0.34 0.00	42.40 0.29 0.00	41.47 0.32 0.00	32.46 0.36 0.00	29.14 0.38 0.00	24.22 0.27 -0.26
FORT_DRUM_COGEN 23780	60.91 3.05 0.00	54.10 2.26 0.00	53.44 2.12 0.00	53.66 2.03 -0.03	50.33 1.68 0.00	53.58 2.24 0.00	52.35 2.43 0.00	52.31 2.08 0.00	62.21 2.72 0.00	70.12 3.15 0.00	54.52 2.25 0.00	67.67 1.81 0.00	60.82 1.27 0.00	100.91 3.01 0.00	54.90 1.11 0.00	48.90 0.95 0.00	32.63 0.93 0.00	40.15 1.33 0.00	41.57 1.14 0.00	43.20 1.09 0.00	43.13 1.97 0.00	33.64 1.54 0.00	29.99 1.23 0.00	24.73 1.04 0.00
FOX_HILLS___ESR 323835	60.52 2.66 0.00	54.26 2.42 0.00	54.09 2.77 0.00	53.81 2.52 0.30	51.55 2.60 -0.30	53.48 2.31 0.16	52.31 2.39 0.00	52.72 2.66 0.17	55.37 2.77 6.90	57.21 3.20 12.95	52.27 3.31 3.32	61.30 3.62 8.17	63.57 4.03 0.00	102.29 6.33 1.94	68.75 3.11 -11.85	51.22 2.85 -0.42	47.68 2.15 -13.83	45.59 2.54 -4.22	43.06 2.63 0.00	44.52 2.41 0.00	43.75 2.59 0.00	34.08 1.99 0.00	30.56 1.80 0.00	26.78 1.49 -1.60
FPL_FAR_ROCK_GT1 24212	140.59 4.67 -78.06	138.46 4.34 -82.29	55.57 4.23 -0.02	55.86 4.27 0.00	52.89 3.94 -0.30	55.19 3.85 0.00	53.71 3.79 0.00	54.22 4.00 0.00	63.99 4.49 0.00	72.76 5.62 -0.18	87.19 4.57 -30.33	112.64 5.53 -41.26	103.32 5.69 -38.08	121.10 8.98 -14.22	94.09 4.92 -35.38	79.64 3.93 -27.76	48.07 2.54 -13.83	46.01 2.97 -4.22	43.61 3.18 0.00	44.95 2.85 0.00	44.05 2.89 0.00	34.30 2.21 0.00	30.88 2.12 0.00	27.17 1.89 -1.60
FPL_FAR_ROCK_GT2 23815	140.59 4.67 -78.06	138.46 4.34 -82.29	55.57 4.23 -0.02	55.86 4.27 0.00	52.89 3.94 -0.30	55.19 3.85 0.00	53.71 3.79 0.00	54.22 4.00 0.00	63.99 4.49 0.00	72.76 5.62 -0.18	87.19 4.57 -30.33	112.64 5.53 -41.26	103.32 5.69 -38.08	121.10 8.98 -14.22	94.09 4.92 -35.38	79.64 3.93 -27.76	48.07 2.54 -13.83	46.01 2.97 -4.22	43.61 3.18 0.00	44.95 2.85 0.00	44.05 2.89 0.00	34.30 2.21 0.00	30.88 2.12 0.00	27.17 1.89 -1.60
FRANKLIN_FALL_HYD 24054	58.91 1.05 0.00	52.76 0.93 0.00	52.08 0.76 0.00	52.23 0.64 0.00	49.28 0.63 0.00	52.03 0.69 0.00	50.76 0.84 0.00	51.20 0.98 0.00	60.68 1.18 0.00	68.20 1.24 0.00	53.19 0.91 0.00	66.77 0.91 0.00	59.97 0.43 0.00	98.77 0.87 0.00	54.37 0.58 0.00	48.82 0.87 0.00	32.21 0.51 0.00	39.68 0.86 0.00	41.33 0.90 0.00	43.24 1.13 0.00	42.34 1.18 0.00	32.84 0.75 0.00	29.44 0.68 0.00	24.29 0.60 0.00

FREEPORT_EQUS_GT1 23764	91.92 4.25 -29.80	88.28 3.88 -32.57	55.08 3.76 -0.01	55.19 3.60 0.00	52.25 3.30 -0.30	54.52 3.18 0.00	53.02 3.10 0.00	53.54 3.31 0.00	63.24 3.74 0.00	72.15 5.01 -0.18	68.29 4.44 -11.58	84.32 5.32 -13.14	79.88 5.24 -15.09	111.17 7.97 -5.31	81.74 4.38 -23.57	60.94 3.53 -9.46	47.75 2.23 -13.83	45.62 2.57 -4.22	43.19 2.77 0.00	44.53 2.43 0.00	43.76 2.61 0.00	34.12 2.02 0.00	30.61 1.86 0.00	26.91 1.63 -1.60
FREEPORT___CT2 23818	91.92 4.25 -29.80	88.28 3.88 -32.57	55.08 3.76 -0.01	55.19 3.60 0.00	52.25 3.30 -0.30	54.52 3.18 0.00	53.02 3.10 0.00	53.54 3.31 0.00	63.24 3.74 0.00	72.15 5.01 -0.18	68.29 4.44 -11.58	84.32 5.32 -13.14	79.88 5.24 -15.09	111.17 7.97 -5.31	81.74 4.38 -23.57	60.94 3.53 -9.46	47.75 2.23 -13.83	45.62 2.57 -4.22	43.19 2.77 0.00	44.53 2.43 0.00	43.76 2.61 0.00	34.12 2.02 0.00	30.61 1.86 0.00	26.91 1.63 -1.60
FRESHKLS_33_KV_LOAD 356253	60.53 2.67 0.00	53.75 2.39 0.48	53.45 2.77 0.63	53.50 2.48 0.57	51.58 2.63 -0.30	53.28 2.31 0.37	52.34 2.42 0.00	52.71 2.66 0.18	55.28 2.68 6.90	57.13 3.12 12.95	52.25 3.29 3.32	61.26 3.58 8.17	63.57 4.03 0.00	102.29 6.33 1.95	68.79 3.15 -11.85	51.29 2.92 -0.42	47.77 2.24 -13.83	45.68 2.63 -4.22	43.14 2.71 0.00	44.61 2.50 0.00	43.85 2.69 0.00	34.16 2.06 0.00	30.62 1.86 0.00	26.82 1.53 -1.60
FULTON COGEN____ 23766	56.93 -0.93 0.00	50.95 -0.89 0.00	50.32 -0.99 0.00	50.60 -1.07 -0.08	47.61 -1.04 0.00	50.21 -1.12 0.00	48.78 -1.14 0.00	48.98 -1.24 0.00	57.82 -1.68 0.00	64.91 -2.05 0.00	50.57 -1.71 0.00	63.63 -2.22 0.00	57.55 -2.00 0.00	94.72 -3.17 0.00	52.06 -1.73 0.00	46.46 -1.49 0.00	30.76 -0.94 0.00	37.68 -1.14 0.00	39.25 -1.18 0.00	40.95 -1.15 0.00	40.22 -0.94 0.00	31.49 -0.60 0.00	28.17 -0.58 0.00	23.18 -0.50 0.00
FULTON___LFGE 323630	61.64 3.78 0.00	55.14 3.31 0.00	54.42 3.11 0.00	54.69 3.10 0.00	51.50 2.85 0.00	54.43 3.10 0.00	53.09 3.17 0.00	53.41 3.19 0.00	63.41 3.91 0.00	71.39 4.42 0.00	55.73 3.46 0.00	69.78 3.92 0.00	62.50 2.96 0.00	102.99 5.09 0.00	56.57 2.78 0.00	50.47 2.52 0.00	33.47 1.77 0.00	41.09 2.26 0.00	42.79 2.36 0.00	44.67 2.56 0.00	43.71 2.56 0.00	34.00 1.90 0.00	30.40 1.65 0.00	24.98 1.29 0.00
G.F.CEMENT___DRP 24184	61.63 3.77 0.00	55.20 3.37 0.00	54.79 3.47 0.00	55.24 3.66 0.00	52.12 3.47 0.00	54.95 3.61 0.00	53.26 3.34 0.00	53.68 3.45 0.00	63.56 4.06 0.00	71.70 4.73 0.00	55.52 3.25 0.00	69.77 3.92 0.00	62.92 3.37 0.00	102.40 4.51 0.00	56.53 2.74 0.00	50.40 2.45 0.00	33.16 1.47 0.00	40.75 1.93 0.00	42.49 2.06 0.00	44.36 2.25 0.00	43.52 2.36 0.00	33.88 1.79 0.00	30.40 1.65 0.00	25.19 1.26 -0.24
GARDENVILLE___LBMP 24039	57.80 -0.06 0.00	51.83 0.00 0.00	50.73 -0.58 0.00	50.65 -0.95 0.00	47.32 -1.33 0.00	50.14 -1.20 0.00	48.76 -1.15 0.00	48.76 -1.47 0.00	57.49 -2.01 0.00	64.68 -2.29 0.00	49.58 -2.70 0.00	63.31 -2.54 0.00	56.35 -3.20 0.00	94.14 -3.76 0.00	51.67 -2.12 0.00	46.07 -1.88 0.00	29.97 -1.73 0.00	36.85 -1.97 0.00	38.29 -2.14 0.00	40.18 -1.93 0.00	39.40 -1.76 0.00	30.86 -1.24 0.00	27.55 -1.21 0.00	22.80 -0.89 0.00
GARDNVLA_35_KV_LD 355827	58.07 0.21 0.00	52.04 0.21 0.00	50.92 -0.40 0.00	50.83 -0.76 0.00	47.51 -1.14 0.00	50.32 -1.02 0.00	48.96 -0.96 0.00	48.99 -1.24 0.00	57.73 -1.77 0.00	64.97 -1.99 0.00	49.79 -2.49 0.00	63.61 -2.25 0.00	56.63 -2.92 0.00	94.62 -3.28 0.00	51.93 -1.86 0.00	46.31 -1.64 0.00	30.11 -1.58 0.00	37.03 -1.79 0.00	38.47 -1.96 0.00	40.38 -1.73 0.00	39.58 -1.58 0.00	31.01 -1.09 0.00	27.66 -1.10 0.00	22.88 -0.81 0.00
GELCKHM___115KV_LOAD 80723	57.28 -0.59 0.00	51.31 -0.52 0.00	50.65 -0.66 0.00	50.88 -0.74 -0.03	47.94 -0.71 0.00	50.59 -0.75 0.00	49.17 -0.75 0.00	49.40 -0.82 0.00	58.42 -1.08 0.00	65.66 -1.30 0.00	51.07 -1.20 0.00	64.33 -1.52 0.00	58.18 -1.36 0.00	95.74 -2.16 0.00	52.58 -1.21 0.00	46.91 -1.04 0.00	31.05 -0.64 0.00	38.02 -0.80 0.00	39.60 -0.83 0.00	41.28 -0.82 0.00	40.50 -0.65 0.00	31.67 -0.42 0.00	28.33 -0.43 0.00	23.31 -0.38 0.00
GENERAL___MILLS 23808	57.95 0.09 0.00	51.95 0.12 0.00	50.84 -0.47 0.00	50.76 -0.83 0.00	47.44 -1.21 0.00	50.25 -1.09 0.00	48.90 -1.02 0.00	48.92 -1.30 0.00	57.64 -1.86 0.00	64.86 -2.11 0.00	49.70 -2.58 0.00	63.47 -2.38 0.00	56.52 -3.02 0.00	94.41 -3.48 0.00	51.82 -1.97 0.00	46.21 -1.74 0.00	30.05 -1.64 0.00	36.96 -1.87 0.00	38.39 -2.04 0.00	40.28 -1.82 0.00	39.50 -1.66 0.00	30.95 -1.15 0.00	27.62 -1.14 0.00	22.85 -0.84 0.00
GE_PLASTICS___DRP 24183	57.89 0.03 0.00	52.24 0.41 0.00	52.26 0.95 0.00	52.81 1.22 0.00	49.81 1.16 0.00	52.49 1.15 0.00	50.74 0.82 0.00	51.20 0.98 0.00	60.44 0.95 0.00	68.05 1.09 0.00	53.13 0.86 0.00	66.91 1.06 0.00	60.72 1.17 0.00	99.30 1.40 0.00	54.62 0.84 0.00	48.61 0.66 0.00	32.19 0.49 0.00	39.35 0.52 0.00	40.91 0.48 0.00	42.53 0.42 0.00	41.63 0.47 0.00	32.54 0.44 0.00	29.21 0.45 0.00	24.30 0.36 -0.26
GILBOA___1 23756	58.77 0.91 0.00	52.74 0.90 0.00	52.54 1.23 0.00	53.25 1.66 0.00	50.22 1.57 0.00	52.88 1.54 0.00	51.15 1.23 0.00	51.42 1.19 0.00	60.76 1.26 0.00	68.39 1.43 0.00	53.41 1.13 0.00	67.34 1.48 0.00	61.14 1.59 0.00	99.87 1.97 0.00	54.94 1.15 0.00	48.87 0.92 0.00	32.31 0.61 0.00	39.53 0.71 0.00	41.15 0.72 0.00	42.82 0.71 0.00	41.92 0.77 0.00	32.70 0.61 0.00	29.35 0.59 0.00	24.49 0.51 -0.30
GILBOA___2 23757	58.77 0.91 0.00	52.74 0.90 0.00	52.54 1.23 0.00	53.25 1.66 0.00	50.22 1.57 0.00	52.88 1.54 0.00	51.15 1.23 0.00	51.42 1.19 0.00	60.76 1.26 0.00	68.39 1.43 0.00	53.41 1.13 0.00	67.34 1.48 0.00	61.14 1.59 0.00	99.87 1.97 0.00	54.94 1.15 0.00	48.87 0.92 0.00	32.31 0.61 0.00	39.53 0.71 0.00	41.15 0.72 0.00	42.82 0.71 0.00	41.92 0.77 0.00	32.70 0.61 0.00	29.35 0.59 0.00	24.49 0.51 -0.30
GILBOA___3 23758	58.77 0.91 0.00	52.74 0.90 0.00	52.54 1.23 0.00	53.25 1.66 0.00	50.22 1.57 0.00	52.88 1.54 0.00	51.15 1.23 0.00	51.42 1.19 0.00	60.76 1.26 0.00	68.39 1.43 0.00	53.41 1.13 0.00	67.34 1.48 0.00	61.14 1.59 0.00	99.87 1.97 0.00	54.94 1.15 0.00	48.87 0.92 0.00	32.31 0.61 0.00	39.53 0.71 0.00	41.15 0.72 0.00	42.82 0.71 0.00	41.92 0.77 0.00	32.70 0.61 0.00	29.35 0.59 0.00	24.49 0.51 -0.30
GILBOA___4 23759	58.77 0.91 0.00	52.74 0.90 0.00	52.54 1.23 0.00	53.25 1.66 0.00	50.22 1.57 0.00	52.88 1.54 0.00	51.15 1.23 0.00	51.42 1.19 0.00	60.76 1.26 0.00	68.39 1.43 0.00	53.41 1.13 0.00	67.34 1.48 0.00	61.14 1.59 0.00	99.87 1.97 0.00	54.94 1.15 0.00	48.87 0.92 0.00	32.31 0.61 0.00	39.53 0.71 0.00	41.15 0.72 0.00	42.82 0.71 0.00	41.92 0.77 0.00	32.70 0.61 0.00	29.35 0.59 0.00	24.49 0.51 -0.30

GILBOA____ 23599	58.77 0.91 0.00	52.74 0.90 0.00	52.54 1.23 0.00	53.25 1.66 0.00	50.22 1.57 0.00	52.88 1.54 0.00	51.15 1.23 0.00	51.42 1.19 0.00	60.76 1.26 0.00	68.39 1.43 0.00	53.41 1.14 0.00	67.34 1.48 0.00	61.14 1.59 0.00	99.87 1.97 0.00	54.94 1.15 0.00	48.87 0.92 0.00	32.31 0.61 0.00	39.53 0.71 0.00	41.15 0.72 0.00	42.81 0.71 0.00	41.92 0.77 0.00	32.71 0.61 0.00	29.35 0.59 0.00	24.49 0.50 -0.30
GINNA____ 23603	55.82 -2.04 0.00	49.91 -1.92 0.00	49.09 -2.23 0.00	49.09 -2.50 0.00	46.14 -2.51 0.00	48.93 -2.41 0.00	47.61 -2.31 0.00	47.83 -2.39 0.00	56.47 -3.03 0.00	63.39 -3.58 0.00	49.10 -3.18 0.00	62.20 -3.66 0.00	55.96 -3.58 0.00	92.53 -5.36 0.00	50.84 -2.95 0.00	45.39 -2.56 0.00	29.83 -1.86 0.00	36.53 -2.29 0.00	38.00 -2.43 0.00	39.77 -2.33 0.00	38.95 -2.21 0.00	30.48 -1.61 0.00	27.18 -1.58 0.00	22.37 -1.32 0.00
GLEN PARK____ 23778	61.26 3.40 0.00	54.40 2.57 0.00	53.70 2.39 0.00	53.92 2.29 -0.03	50.58 1.93 0.00	53.84 2.50 0.00	52.62 2.70 0.00	52.57 2.34 0.00	62.54 3.04 0.00	70.45 3.49 0.00	54.76 2.49 0.00	67.88 2.02 0.00	61.04 1.49 0.00	101.34 3.44 0.00	55.08 1.29 0.00	48.96 1.02 0.00	32.72 1.02 0.00	40.34 1.52 0.00	41.78 1.35 0.00	43.38 1.28 0.00	43.39 2.23 0.00	33.84 1.74 0.00	30.16 1.40 0.00	24.85 1.16 0.00
GLENDALE_27_KV_LOAD 356172	60.91 3.05 0.00	54.77 2.94 0.00	54.50 3.19 0.00	54.62 3.03 0.00	51.92 2.97 -0.30	54.10 2.77 0.00	52.76 2.84 0.00	53.40 3.17 0.00	63.00 3.50 0.00	70.89 3.93 0.00	56.18 3.90 0.00	70.18 4.32 0.00	64.11 4.57 0.00	106.43 7.23 -1.30	69.36 3.73 -11.85	53.45 3.24 -2.26	47.79 2.26 -13.83	45.85 2.80 -4.22	43.31 2.89 0.00	44.68 2.58 0.00	43.84 2.68 0.00	34.18 2.09 0.00	30.69 1.93 0.00	26.89 1.60 -1.60
GLENWOOD_IC_1_G5 23712	80.67 3.29 -19.52	77.13 3.33 -21.97	54.66 3.34 0.00	54.85 3.26 0.00	52.01 3.06 -0.30	54.25 2.91 0.00	52.82 2.90 0.00	53.40 3.18 0.00	63.12 3.62 0.00	71.71 4.56 -0.18	64.56 4.13 -8.16	78.47 4.60 -8.01	75.17 4.76 -10.87	109.63 7.62 -4.11	79.27 4.07 -21.42	57.31 3.24 -6.13	47.54 2.02 -13.83	45.46 2.42 -4.22	42.99 2.56 0.00	44.34 2.24 0.00	43.44 2.27 0.00	33.96 1.86 0.00	30.50 1.74 0.00	26.78 1.50 -1.60
GLENWOOD_IC_2_G1 23688	69.62 3.17 -8.60	65.52 2.96 -10.72	54.32 3.00 0.00	54.55 2.96 0.00	51.75 2.80 -0.30	53.99 2.65 0.00	52.55 2.63 0.00	53.13 2.91 0.00	62.77 3.27 0.00	71.19 4.04 -0.18	60.59 3.69 -4.62	73.00 4.43 -2.71	70.60 4.55 -6.51	107.87 7.24 -2.72	76.84 3.86 -19.19	53.76 3.14 -2.68	47.53 2.01 -13.83	45.46 2.42 -4.22	42.97 2.54 0.00	44.36 2.25 0.00	43.45 2.29 0.00	33.87 1.78 0.00	30.37 1.61 0.00	26.67 1.38 -1.60
GLENWOOD_IC_3_G1 23689	69.62 3.17 -8.60	65.52 2.96 -10.72	54.32 3.00 0.00	54.55 2.96 0.00	51.75 2.80 -0.30	53.99 2.65 0.00	52.55 2.63 0.00	53.13 2.91 0.00	62.77 3.27 0.00	71.19 4.04 -0.18	60.59 3.69 -4.62	73.00 4.43 -2.71	70.60 4.55 -6.51	107.87 7.24 -2.72	76.84 3.86 -19.19	53.76 3.14 -2.68	47.53 2.01 -13.83	45.46 2.42 -4.22	42.97 2.54 0.00	44.36 2.25 0.00	43.45 2.29 0.00	33.87 1.78 0.00	30.37 1.61 0.00	26.67 1.38 -1.60
GLENWOOD____4 23550	80.80 3.42 -19.52	77.13 3.33 -21.97	54.66 3.34 0.00	54.85 3.26 0.00	52.01 3.06 -0.30	54.25 2.91 0.00	52.82 2.90 0.00	53.40 3.18 0.00	63.12 3.62 0.00	71.71 4.56 -0.18	64.57 4.13 -8.16	78.61 4.74 -8.01	75.31 4.89 -10.87	109.87 7.86 -4.11	79.40 4.20 -21.42	57.43 3.35 -6.13	47.62 2.10 -13.83	45.56 2.51 -4.22	43.07 2.64 0.00	44.44 2.33 0.00	43.54 2.38 0.00	33.99 1.89 0.00	30.50 1.74 0.00	26.78 1.50 -1.60
GLENWOOD____5 23614	80.80 3.42 -19.52	77.13 3.33 -21.97	54.66 3.34 0.00	54.85 3.26 0.00	52.01 3.06 -0.30	54.25 2.91 0.00	52.82 2.90 0.00	53.40 3.18 0.00	63.12 3.62 0.00	71.71 4.56 -0.18	64.57 4.13 -8.16	78.61 4.74 -8.01	75.31 4.89 -10.87	109.87 7.86 -4.11	79.40 4.20 -21.42	57.43 3.35 -6.13	47.62 2.10 -13.83	45.56 2.51 -4.22	43.07 2.64 0.00	44.44 2.33 0.00	43.54 2.38 0.00	33.99 1.89 0.00	30.50 1.74 0.00	26.78 1.50 -1.60
GLOBAL GREEN_PORT_GT1 23814	65.46 4.76 -2.84	60.97 4.36 -4.78	56.04 4.73 0.00	56.84 5.25 0.00	53.51 4.56 -0.30	56.32 4.98 0.00	55.23 5.31 0.00	55.73 5.51 0.00	65.82 6.32 0.00	75.04 7.89 -0.18	61.99 6.59 -3.12	73.55 8.01 0.32	71.33 7.77 -4.02	137.13 12.32 -26.91	82.25 6.48 -21.99	56.35 5.08 -3.32	48.47 2.94 -13.83	46.35 3.31 -4.22	43.55 3.13 0.00	43.97 1.86 0.00	43.47 2.32 0.00	34.23 2.14 0.00	30.48 1.73 0.00	26.79 1.51 -1.60
GLOBE____DSASP 323697	56.32 -1.54 0.00	50.73 -1.10 0.00	49.67 -1.65 0.00	49.46 -2.13 0.00	46.33 -2.32 0.00	49.06 -2.28 0.00	47.58 -2.34 0.00	47.57 -2.66 0.00	55.90 -3.60 0.00	62.68 -4.28 0.00	47.89 -4.39 0.00	61.24 -4.62 0.00	54.55 -4.99 0.00	91.23 -6.67 0.00	50.01 -3.78 0.00	44.74 -3.21 0.00	29.03 -2.67 0.00	35.80 -3.03 0.00	37.25 -3.18 0.00	39.11 -3.00 0.00	38.25 -2.91 0.00	30.07 -2.02 0.00	26.83 -1.93 0.00	22.26 -1.42 0.00
GOETHSLN____LBMP 323567	60.28 2.42 0.00	53.67 2.31 0.47	53.10 2.49 0.69	53.48 2.46 0.58	51.37 2.42 -0.30	53.17 2.21 0.37	52.20 2.28 0.00	52.67 2.62 0.17	55.50 2.91 6.90	57.31 3.29 12.95	52.13 3.16 3.32	61.49 3.80 8.17	63.57 4.02 0.00	102.43 6.48 1.95	68.30 3.35 -11.17	50.20 2.76 0.51	47.42 1.89 -13.83	45.38 2.33 -4.22	42.84 2.41 0.00	44.20 2.09 0.00	43.30 2.13 0.00	33.75 1.65 0.00	30.29 1.53 0.00	26.59 1.30 -1.61
GOLAH____69_KV_TB 1_2 80279	58.91 1.05 0.00	52.80 0.97 0.00	51.89 0.57 0.00	51.79 0.21 0.00	48.60 -0.05 0.00	51.51 0.18 0.00	50.15 0.23 0.00	50.42 0.19 0.00	59.29 -0.21 0.00	66.51 -0.46 0.00	51.31 -0.97 0.00	65.31 -0.55 0.00	58.57 -0.97 0.00	96.95 -0.95 0.00	53.29 -0.51 0.00	47.57 -0.38 0.00	31.16 -0.53 0.00	38.17 -0.65 0.00	39.62 -0.81 0.00	41.53 -0.57 0.00	40.75 -0.41 0.00	31.92 -0.17 0.00	28.46 -0.29 0.00	23.44 -0.25 0.00
GOODYEAR_LAKE_HYD 323669	60.07 2.20 0.00	53.76 1.92 0.00	53.12 1.81 0.00	53.48 1.89 0.00	50.39 1.74 0.00	53.16 1.82 0.00	51.72 1.80 0.00	51.80 1.57 0.00	61.31 1.81 0.00	69.09 2.12 0.00	53.89 1.61 0.00	67.84 1.98 0.00	61.43 1.89 0.00	101.64 3.74 0.00	55.63 1.84 0.00	49.54 1.59 0.00	32.78 1.08 0.00	40.10 1.28 0.00	41.73 1.30 0.00	43.41 1.30 0.00	42.55 1.39 0.00	33.09 0.99 0.00	29.52 0.76 0.00	24.30 0.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	58.36 0.50 0.00	52.33 0.50 0.00	51.56 0.24 0.00	51.92 0.32 -0.02	48.85 0.20 0.00	51.49 0.15 0.00	50.15 0.23 0.00	50.19 -0.04 0.00	59.44 -0.06 0.00	67.00 0.04 0.00	52.12 -0.16 0.00	65.87 0.02 0.00	59.53 -0.02 0.00	98.29 0.39 0.00	53.92 0.13 0.00	47.92 -0.03 0.00	31.65 -0.05 0.00	38.68 -0.14 0.00	40.26 -0.17 0.00	41.90 -0.21 0.00	41.14 -0.02 0.00	32.04 -0.05 0.00	28.66 -0.10 0.00	23.62 -0.06 0.00

GOUDEY___7 23579	58.36 0.50 0.00	52.33 0.50 0.00	51.56 0.24 0.00	51.92 0.32 -0.02	48.85 0.20 0.00	51.49 0.15 0.00	50.15 0.23 0.00	50.19 -0.04 0.00	59.44 -0.06 0.00	67.00 0.04 0.00	52.12 -0.16 0.00	65.87 0.02 0.00	59.53 -0.02 0.00	98.29 0.39 0.00	53.92 0.13 0.00	47.92 -0.03 0.00	31.65 -0.05 0.00	38.68 -0.14 0.00	40.26 -0.17 0.00	41.90 -0.21 0.00	41.14 -0.02 0.00	32.04 -0.05 0.00	28.66 -0.10 0.00	23.62 -0.06 0.00
GOUDEY___8 23580	58.36 0.50 0.00	52.33 0.50 0.00	51.56 0.24 0.00	51.92 0.32 -0.02	48.85 0.20 0.00	51.49 0.15 0.00	50.15 0.23 0.00	50.19 -0.04 0.00	59.44 -0.06 0.00	67.00 0.04 0.00	52.12 -0.16 0.00	65.87 0.02 0.00	59.53 -0.02 0.00	98.29 0.39 0.00	53.92 0.13 0.00	47.92 -0.03 0.00	31.65 -0.05 0.00	38.68 -0.14 0.00	40.26 -0.17 0.00	41.90 -0.21 0.00	41.14 -0.02 0.00	32.04 -0.05 0.00	28.66 -0.10 0.00	23.62 -0.06 0.00
GOWANUS_GT1_1 24077	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT1_2 24078	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT1_3 24079	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT1_4 24080	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT1_5 24084	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT1_6 24111	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT1_7 24112	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT1_8 24113	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT2_1 24114	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT2_2 24115	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT2_3 24116	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT2_4 24117	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT2_5 24118	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61

GOWANUS_GT2_6 24119	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT2_7 24120	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT2_8 24121	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_1 24122	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_2 24123	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_3 24124	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_4 24125	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_5 24126	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_6 24127	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_7 24128	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT3_8 24129	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
GOWANUS_GT4_1 24130	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT4_2 24131	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT4_3 24132	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT4_4 24133	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60

GOWANUS_GT4_5 24134	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT4_6 24135	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT4_7 24136	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GOWANUS_GT4_8 24137	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GREATVRV_69_KV_BK1 356245	67.56 5.31 -4.40	63.03 4.81 -6.39	55.97 4.66 0.00	56.00 4.41 0.00	52.91 3.96 -0.30	55.13 3.80 0.00	53.60 3.68 0.00	54.06 3.83 0.00	63.78 4.28 0.00	73.28 6.14 -0.18	62.72 5.46 -4.98	72.84 6.54 -0.43	70.78 6.59 -4.65	202.75 10.71 -94.14	92.40 5.71 -32.90	63.00 4.44 -10.61	48.13 2.61 -13.83	46.17 3.13 -4.22	43.85 3.42 0.00	45.17 3.06 0.00	44.21 3.05 0.00	34.40 2.31 0.00	30.85 2.10 0.00	27.18 1.90 -1.60
GREENBSH_115KV_TB3 55895	58.14 0.27 0.00	52.33 0.50 0.00	52.28 0.97 0.00	52.73 1.13 0.00	49.75 1.10 0.00	52.44 1.10 0.00	50.59 0.67 0.00	51.09 0.87 0.00	60.27 0.77 0.00	67.84 0.88 0.00	52.94 0.66 0.00	66.65 0.79 0.00	60.48 0.93 0.00	98.83 0.93 0.00	54.41 0.62 0.00	48.43 0.48 0.00	32.10 0.40 0.00	39.21 0.39 0.00	40.74 0.31 0.00	42.35 0.25 0.00	41.44 0.28 0.00	32.44 0.35 0.00	29.14 0.39 0.00	24.23 0.28 -0.27
GREENDGE_115KV_TB5 80291	58.49 0.63 0.00	52.30 0.46 0.00	51.24 -0.08 0.00	51.34 -0.26 -0.02	48.51 -0.14 0.00	51.21 -0.13 0.00	49.68 -0.24 0.00	49.81 -0.42 0.00	59.06 -0.44 0.00	66.54 -0.42 0.00	51.51 -0.77 0.00	65.24 -0.62 0.00	58.62 -0.92 0.00	96.62 -1.28 0.00	53.17 -0.62 0.00	47.46 -0.49 0.00	31.45 -0.24 0.00	38.56 -0.27 0.00	39.98 -0.44 0.00	41.69 -0.42 0.00	40.98 -0.17 0.00	32.03 -0.06 0.00	28.54 -0.22 0.00	23.50 -0.19 0.00
GREENIDGE___3 23582	58.49 0.63 0.00	52.30 0.46 0.00	51.24 -0.08 0.00	51.34 -0.26 -0.02	48.51 -0.14 0.00	51.21 -0.13 0.00	49.68 -0.24 0.00	49.81 -0.42 0.00	59.06 -0.44 0.00	66.54 -0.42 0.00	51.51 -0.77 0.00	65.24 -0.62 0.00	58.62 -0.92 0.00	96.62 -1.28 0.00	53.17 -0.62 0.00	47.46 -0.49 0.00	31.45 -0.24 0.00	38.56 -0.27 0.00	39.98 -0.44 0.00	41.69 -0.42 0.00	40.98 -0.17 0.00	32.03 -0.06 0.00	28.54 -0.22 0.00	23.50 -0.19 0.00
GREENIDGE___4 23583	58.49 0.62 0.00	52.30 0.46 0.00	51.25 -0.06 0.00	51.35 -0.26 -0.02	48.51 -0.14 0.00	51.21 -0.13 0.00	49.69 -0.23 0.00	49.81 -0.42 0.00	59.07 -0.44 0.00	66.55 -0.42 0.00	51.51 -0.76 0.00	65.23 -0.62 0.00	58.62 -0.92 0.00	96.65 -1.25 0.00	53.17 -0.62 0.00	47.46 -0.49 0.00	31.45 -0.25 0.00	38.56 -0.27 0.00	39.98 -0.44 0.00	41.65 -0.45 0.00	40.98 -0.17 0.00	32.04 -0.06 0.00	28.54 -0.22 0.00	23.50 -0.18 0.00
GREENLWN_69_KV_BK 3 55738	65.23 3.65 -3.72	60.98 3.46 -5.69	54.72 3.41 0.00	54.83 3.24 0.00	51.90 2.95 -0.30	54.12 2.78 0.00	52.63 2.71 0.00	53.04 2.81 0.00	62.48 2.98 0.00	71.47 4.32 -0.18	58.73 3.85 -2.60	70.31 4.35 -0.10	68.51 4.59 -4.37	92.13 7.03 12.80	73.50 3.85 -15.86	50.41 2.92 0.46	47.27 1.74 -13.83	45.10 2.06 -4.22	42.71 2.28 0.00	44.03 1.93 0.00	43.13 1.98 0.00	33.63 1.54 0.00	30.25 1.49 0.00	26.70 1.41 -1.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60
GRISSOM___SOLAR 323813	61.48 3.62 0.00	55.02 3.19 0.00	54.35 3.04 0.00	54.63 3.04 0.00	51.45 2.80 0.00	54.38 3.04 0.00	52.98 3.06 0.00	53.36 3.13 0.00	63.29 3.79 0.00	71.26 4.29 0.00	55.59 3.32 0.00	69.66 3.81 0.00	62.49 2.94 0.00	102.81 4.91 0.00	56.53 2.74 0.00	50.41 2.46 0.00	33.40 1.71 0.00	40.99 2.17 0.00	42.70 2.27 0.00	44.55 2.44 0.00	43.60 2.44 0.00	33.92 1.83 0.00	30.36 1.60 0.00	24.94 1.26 0.00
GROVEVILLE___HYD 323602	60.95 3.09 0.00	54.60 2.77 0.00	54.16 2.84 0.00	54.46 2.86 0.00	51.35 2.70 0.00	53.99 2.66 0.00	52.55 2.63 0.00	53.15 2.92 0.00	62.90 3.40 0.00	70.99 4.02 0.00	55.71 3.43 0.00	70.11 4.25 0.00	63.88 4.34 0.00	104.77 6.87 0.00	57.43 3.64 0.00	50.95 3.00 0.00	33.64 1.95 0.00	41.18 2.35 0.00	42.84 2.41 0.00	44.33 2.23 0.00	43.40 2.24 0.00	33.79 1.70 0.00	30.28 1.52 0.00	24.93 1.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	57.61 -0.25 0.00	51.68 -0.15 0.00	50.98 -0.34 0.00	51.21 -0.42 -0.04	48.26 -0.39 0.00	50.93 -0.41 0.00	49.50 -0.42 0.00	49.73 -0.50 0.00	58.96 -0.55 0.00	66.26 -0.70 0.00	51.37 -0.90 0.00	64.69 -1.17 0.00	58.53 -1.01 0.00	96.34 -1.56 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	31.26 -0.44 0.00	38.26 -0.56 0.00	39.87 -0.56 0.00	41.55 -0.55 0.00	40.79 -0.36 0.00	31.89 -0.20 0.00	28.52 -0.24 0.00	23.46 -0.22 0.00
HAMLTNNY_34_KV_TB 80303	58.07 0.21 0.00	51.98 0.15 0.00	51.25 -0.06 0.00	51.46 -0.18 -0.04	48.46 -0.19 0.00	51.19 -0.14 0.00	49.74 -0.18 0.00	50.00 -0.23 0.00	59.07 -0.43 0.00	66.38 -0.59 0.00	51.48 -0.80 0.00	64.84 -1.01 0.00	58.66 -0.88 0.00	96.61 -1.29 0.00	53.03 -0.76 0.00	47.40 -0.55 0.00	31.35 -0.35 0.00	38.36 -0.46 0.00	39.95 -0.48 0.00	41.68 -0.43 0.00	40.92 -0.24 0.00	32.02 -0.08 0.00	28.61 -0.15 0.00	23.53 -0.15 0.00

HAMPSHIRE___PAPER_HYD 323593	59.46 1.60 0.00	53.02 1.19 0.00	52.36 1.04 0.00	52.58 0.98 -0.01	49.54 0.89 0.00	52.50 1.16 0.00	51.28 1.36 0.00	51.48 1.25 0.00	61.05 1.55 0.00	68.63 1.66 0.00	53.55 1.27 0.00	66.91 1.05 0.00	59.62 0.07 0.00	98.72 0.82 0.00	54.10 0.31 0.00	48.37 0.42 0.00	32.09 0.40 0.00	39.44 0.62 0.00	40.95 0.52 0.00	42.73 0.63 0.00	42.21 1.05 0.00	32.89 0.80 0.00	29.46 0.70 0.00	24.37 0.68 0.00
HARDSCRABBLE_WT_PWR 323673	59.02 1.16 0.00	52.88 1.05 0.00	52.64 1.32 0.00	53.00 1.40 0.00	50.02 1.38 0.00	52.70 1.36 0.00	51.06 1.14 0.00	51.52 1.29 0.00	60.88 1.38 0.00	68.61 1.65 0.00	53.52 1.25 0.00	67.23 1.37 0.00	60.81 1.27 0.00	99.61 1.71 0.00	54.70 0.91 0.00	48.60 0.65 0.00	32.25 0.55 0.00	39.43 0.61 0.00	40.93 0.50 0.00	42.71 0.60 0.00	41.77 0.61 0.00	32.57 0.47 0.00	29.17 0.41 0.00	23.91 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	60.58 2.72 0.00	54.27 2.44 0.00	53.77 2.46 0.00	54.09 2.50 0.00	50.69 2.36 0.32	53.60 2.26 0.00	52.20 2.28 0.00	52.77 2.54 0.00	62.41 2.90 0.00	70.47 3.50 0.00	55.37 3.09 0.00	69.78 3.92 0.00	63.61 4.06 0.00	104.34 6.59 0.15	55.91 3.47 1.35	50.53 2.84 0.26	31.97 1.85 1.58	40.55 2.20 0.48	42.66 2.23 0.00	44.13 2.03 0.00	43.23 2.07 0.00	33.63 1.54 0.00	30.13 1.38 0.00	23.21 1.13 1.60
HARSNRAD_115KV_TB1 81005	56.94 -0.92 0.00	51.18 -0.65 0.00	50.27 -1.05 0.00	50.18 -1.41 0.00	46.94 -1.71 0.00	49.76 -1.58 0.00	48.32 -1.60 0.00	48.21 -2.01 0.00	56.69 -2.81 0.00	63.61 -3.35 0.00	48.64 -3.63 0.00	62.14 -3.72 0.00	55.31 -4.24 0.00	92.23 -5.67 0.00	50.60 -3.19 0.00	45.19 -2.76 0.00	29.35 -2.35 0.00	36.13 -2.69 0.00	37.54 -2.88 0.00	39.46 -2.65 0.00	38.66 -2.50 0.00	30.37 -1.72 0.00	27.16 -1.60 0.00	22.51 -1.18 0.00
HARZA MOOSE___RIVER 24016	60.11 2.25 0.00	53.60 1.77 0.00	52.97 1.66 0.00	53.30 1.70 -0.01	50.10 1.45 0.00	53.06 1.73 0.00	51.74 1.82 0.00	51.88 1.65 0.00	61.55 2.05 0.00	69.36 2.40 0.00	54.08 1.80 0.00	67.74 1.88 0.00	60.85 1.31 0.00	100.37 2.48 0.00	54.97 1.18 0.00	48.96 1.01 0.00	32.52 0.83 0.00	39.89 1.06 0.00	41.43 1.00 0.00	43.20 1.09 0.00	42.56 1.40 0.00	33.19 1.10 0.00	29.60 0.84 0.00	24.42 0.74 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	57.30 -0.56 0.00	51.28 -0.55 0.00	50.63 -0.68 0.00	50.87 -0.75 -0.02	47.91 -0.74 0.00	50.56 -0.78 0.00	49.14 -0.78 0.00	49.36 -0.87 0.00	58.19 -1.31 0.00	65.40 -1.56 0.00	51.06 -1.22 0.00	64.34 -1.51 0.00	58.18 -1.36 0.00	95.79 -2.10 0.00	52.60 -1.19 0.00	46.90 -1.05 0.00	31.03 -0.66 0.00	38.00 -0.83 0.00	39.56 -0.87 0.00	41.26 -0.85 0.00	40.46 -0.70 0.00	31.64 -0.46 0.00	28.29 -0.47 0.00	23.28 -0.40 0.00
HELLGATE_13_KV_LD 55870	61.08 3.22 0.00	54.92 3.09 0.00	54.69 3.38 0.00	54.82 3.23 0.00	52.11 3.16 -0.30	54.28 2.94 0.00	52.93 3.01 0.00	53.59 3.36 0.00	63.19 3.69 0.00	71.11 4.14 0.00	56.37 4.10 0.00	70.39 4.53 0.00	64.32 4.77 0.00	106.78 7.58 -1.30	69.57 3.94 -11.85	53.60 3.39 -2.26	47.88 2.35 -13.83	45.97 2.93 -4.22	43.40 2.97 0.00	44.78 2.67 0.00	43.95 2.79 0.00	34.26 2.17 0.00	30.77 2.01 0.00	26.95 1.66 -1.60
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	61.08 3.22 0.00	54.92 3.09 0.00	54.69 3.38 0.00	54.82 3.23 0.00	52.11 3.16 -0.30	54.28 2.94 0.00	52.93 3.01 0.00	53.59 3.36 0.00	63.19 3.69 0.00	71.11 4.14 0.00	56.37 4.10 0.00	70.39 4.53 0.00	64.32 4.77 0.00	106.78 7.58 -1.30	69.57 3.94 -11.85	53.60 3.39 -2.26	47.88 2.35 -13.83	45.97 2.93 -4.22	43.40 2.97 0.00	44.78 2.67 0.00	43.95 2.79 0.00	34.26 2.17 0.00	30.77 2.01 0.00	26.95 1.66 -1.60
HEMPSTEAD____ 23647	84.32 3.49 -22.97	80.63 3.27 -25.53	54.52 3.20 0.00	54.69 3.10 0.00	51.82 2.87 -0.30	54.05 2.71 0.00	52.59 2.67 0.00	53.13 2.90 0.00	62.77 3.27 0.00	71.50 4.36 -0.18	65.23 3.95 -9.01	79.76 4.62 -9.28	76.22 4.74 -11.93	109.76 7.45 -4.40	79.77 4.02 -21.95	58.08 3.18 -6.95	47.51 1.98 -13.83	45.36 2.31 -4.22	42.93 2.50 0.00	44.25 2.14 0.00	43.39 2.23 0.00	33.83 1.74 0.00	30.36 1.61 0.00	26.70 1.42 -1.60
HICKLING___1 23621	58.56 0.70 0.00	52.46 0.63 0.00	51.21 -0.10 0.00	51.50 -0.11 -0.01	48.30 -0.35 0.00	50.96 -0.38 0.00	49.72 -0.20 0.00	49.82 -0.41 0.00	60.49 0.99 0.00	68.28 1.32 0.00	53.02 0.74 0.00	67.36 1.50 0.00	59.31 -0.23 0.00	97.84 -0.06 0.00	53.77 -0.02 0.00	47.73 -0.22 0.00	31.42 -0.27 0.00	38.42 -0.40 0.00	39.89 -0.54 0.00	41.56 -0.55 0.00	40.89 -0.27 0.00	31.82 -0.27 0.00	28.40 -0.35 0.00	23.43 -0.25 0.00
HICKLING___2 23622	58.56 0.70 0.00	52.46 0.63 0.00	51.21 -0.10 0.00	51.50 -0.11 -0.01	48.30 -0.35 0.00	50.96 -0.38 0.00	49.72 -0.20 0.00	49.82 -0.41 0.00	60.49 0.99 0.00	68.28 1.32 0.00	53.02 0.74 0.00	67.36 1.50 0.00	59.31 -0.23 0.00	97.84 -0.06 0.00	53.77 -0.02 0.00	47.73 -0.22 0.00	31.42 -0.27 0.00	38.42 -0.40 0.00	39.89 -0.54 0.00	41.56 -0.55 0.00	40.89 -0.27 0.00	31.82 -0.27 0.00	28.40 -0.35 0.00	23.43 -0.25 0.00
HIGH FALLS___HY 23754	61.08 3.22 0.00	54.56 2.72 0.00	53.98 2.67 0.00	54.25 2.66 0.00	51.15 2.50 0.00	53.75 2.41 0.00	52.40 2.48 0.00	52.92 2.70 0.00	62.66 3.16 0.00	70.75 3.78 0.00	55.59 3.31 0.00	69.97 4.11 0.00	63.86 4.32 0.00	104.83 6.93 0.00	57.42 3.63 0.00	50.97 3.02 0.00	33.67 1.97 0.00	41.21 2.39 0.00	42.88 2.45 0.00	44.35 2.24 0.00	43.43 2.27 0.00	33.77 1.67 0.00	30.22 1.46 0.00	24.88 1.19 0.00
HIGH_RIVER___SOLAR 323847	60.22 2.36 0.00	53.94 2.10 0.00	53.43 2.12 0.00	53.77 2.18 0.00	50.67 2.02 0.00	53.47 2.13 0.00	51.98 2.06 0.00	52.31 2.08 0.00	61.95 2.45 0.00	69.70 2.74 0.00	54.36 2.08 0.00	68.23 2.38 0.00	61.40 1.86 0.00	100.79 2.89 0.00	55.51 1.72 0.00	49.44 1.49 0.00	32.76 1.06 0.00	40.21 1.38 0.00	41.89 1.46 0.00	43.65 1.55 0.00	42.73 1.58 0.00	33.30 1.20 0.00	29.83 1.07 0.00	24.75 0.86 -0.21
HILLBURN___GT 23639	60.28 2.42 0.00	54.00 2.17 0.00	53.54 2.23 0.00	53.86 2.27 0.00	50.43 2.15 0.36	53.35 2.01 0.00	51.98 2.06 0.00	52.57 2.35 0.00	62.16 2.66 0.00	70.15 3.19 0.00	55.22 2.94 0.00	69.59 3.73 0.00	63.41 3.86 0.00	104.06 6.34 0.18	55.54 3.42 1.66	50.37 2.73 0.32	31.54 1.78 1.94	40.35 2.12 0.59	42.58 2.15 0.00	44.02 1.92 0.00	43.13 1.97 0.00	33.57 1.47 0.00	30.08 1.33 0.00	22.93 1.10 1.85
HILLSIDE_115KV_TB1 80332	57.53 -0.33 0.00	51.64 -0.19 0.00	50.55 -0.76 0.00	50.94 -0.67 -0.02	47.84 -0.81 0.00	50.39 -0.95 0.00	49.22 -0.70 0.00	49.23 -0.99 0.00	58.57 -0.93 0.00	66.16 -0.80 0.00	51.41 -0.86 0.00	65.29 -0.56 0.00	58.68 -0.87 0.00	96.98 -0.92 0.00	53.25 -0.53 0.00	47.24 -0.71 0.00	31.14 -0.56 0.00	38.03 -0.79 0.00	39.53 -0.90 0.00	41.14 -0.96 0.00	40.49 -0.67 0.00	31.49 -0.61 0.00	28.17 -0.59 0.00	23.24 -0.44 0.00

HISHELDN_WT_PWR 323625	57.59 -0.27 0.00	51.51 -0.32 0.00	50.13 -1.19 0.00	50.09 -1.50 0.00	46.83 -1.82 0.00	49.68 -1.66 0.00	48.33 -1.59 0.00	48.33 -1.90 0.00	56.97 -2.53 0.00	64.35 -2.62 0.00	49.40 -2.87 0.00	62.97 -2.89 0.00	55.94 -3.60 0.00	93.60 -4.29 0.00	51.43 -2.36 0.00	45.87 -2.08 0.00	29.93 -1.77 0.00	36.79 -2.03 0.00	38.13 -2.30 0.00	39.96 -2.14 0.00	39.33 -1.83 0.00	30.70 -1.40 0.00	27.37 -1.38 0.00	22.65 -1.04 0.00
HOLTSVILLE_IC_1 23690	64.39 3.77 -2.76	60.08 3.55 -4.70	54.78 3.47 0.00	54.88 3.29 0.00	51.87 2.92 -0.30	54.05 2.71 0.00	52.53 2.61 0.00	52.88 2.66 0.00	62.29 2.79 0.00	71.52 4.37 -0.18	59.40 4.08 -3.04	70.27 4.78 0.36	68.47 4.94 -3.99	129.94 7.63 -24.41	79.38 4.02 -21.57	53.97 2.98 -3.04	47.27 1.75 -13.83	45.15 2.11 -4.22	42.83 2.40 0.00	44.07 1.96 0.00	43.17 2.01 0.00	33.64 1.54 0.00	30.18 1.43 0.00	26.69 1.41 -1.60
HOLTSVILLE_IC_10 23699	65.31 4.31 -3.13	60.90 3.99 -5.09	55.19 3.88 0.00	55.26 3.67 0.00	52.20 3.25 -0.30	54.41 3.07 0.00	52.85 2.93 0.00	53.21 2.98 0.00	62.72 3.22 0.00	72.10 4.96 -0.18	60.27 4.60 -3.39	71.14 5.46 0.18	69.29 5.60 -4.14	142.13 8.71 -35.52	81.81 4.63 -23.40	55.67 3.44 -4.28	47.56 2.03 -13.83	45.49 2.45 -4.22	43.22 2.80 0.00	44.45 2.34 0.00	43.51 2.35 0.00	33.88 1.79 0.00	30.38 1.62 0.00	26.83 1.55 -1.60
HOLTSVILLE_IC_2 23691	64.39 3.77 -2.76	60.08 3.55 -4.70	54.78 3.47 0.00	54.88 3.29 0.00	51.87 2.92 -0.30	54.05 2.71 0.00	52.53 2.61 0.00	52.88 2.66 0.00	62.29 2.79 0.00	71.52 4.37 -0.18	59.40 4.08 -3.04	70.27 4.78 0.36	68.47 4.94 -3.99	129.94 7.63 -24.41	79.38 4.02 -21.57	53.97 2.98 -3.04	47.27 1.75 -13.83	45.15 2.11 -4.22	42.83 2.40 0.00	44.07 1.96 0.00	43.17 2.01 0.00	33.64 1.54 0.00	30.18 1.43 0.00	26.69 1.41 -1.60
HOLTSVILLE_IC_3 23692	64.39 3.77 -2.76	60.08 3.55 -4.70	54.78 3.47 0.00	54.88 3.29 0.00	51.87 2.92 -0.30	54.05 2.71 0.00	52.53 2.61 0.00	52.88 2.66 0.00	62.29 2.79 0.00	71.52 4.37 -0.18	59.40 4.08 -3.04	70.27 4.78 0.36	68.47 4.94 -3.99	129.94 7.63 -24.41	79.38 4.02 -21.57	53.97 2.98 -3.04	47.27 1.75 -13.83	45.15 2.11 -4.22	42.83 2.40 0.00	44.07 1.96 0.00	43.17 2.01 0.00	33.64 1.54 0.00	30.18 1.43 0.00	26.69 1.41 -1.60
HOLTSVILLE_IC_4 23693	64.39 3.77 -2.76	60.08 3.55 -4.70	54.78 3.47 0.00	54.88 3.29 0.00	51.87 2.92 -0.30	54.05 2.71 0.00	52.53 2.61 0.00	52.88 2.66 0.00	62.29 2.79 0.00	71.52 4.37 -0.18	59.40 4.08 -3.04	70.27 4.78 0.36	68.47 4.94 -3.99	129.94 7.63 -24.41	79.38 4.02 -21.57	53.97 2.98 -3.04	47.27 1.75 -13.83	45.15 2.11 -4.22	42.83 2.40 0.00	44.07 1.96 0.00	43.17 2.01 0.00	33.64 1.54 0.00	30.18 1.43 0.00	26.69 1.41 -1.60
HOLTSVILLE_IC_5 23694	64.39 3.77 -2.76	60.08 3.55 -4.70	54.78 3.47 0.00	54.88 3.29 0.00	51.87 2.92 -0.30	54.05 2.71 0.00	52.53 2.61 0.00	52.88 2.66 0.00	62.29 2.79 0.00	71.52 4.37 -0.18	59.40 4.08 -3.04	70.27 4.78 0.36	68.47 4.94 -3.99	129.94 7.63 -24.41	79.38 4.02 -21.57	53.97 2.98 -3.04	47.27 1.75 -13.83	45.15 2.11 -4.22	42.83 2.40 0.00	44.07 1.96 0.00	43.17 2.01 0.00	33.64 1.54 0.00	30.18 1.43 0.00	26.69 1.41 -1.60
HOLTSVILLE_IC_6 23695	65.31 4.31 -3.13	60.90 3.99 -5.09	55.19 3.88 0.00	55.26 3.67 0.00	52.20 3.25 -0.30	54.41 3.07 0.00	52.85 2.93 0.00	53.21 2.98 0.00	62.72 3.22 0.00	72.10 4.96 -0.18	60.27 4.60 -3.39	71.14 5.46 0.18	69.29 5.60 -4.14	142.13 8.71 -35.52	81.81 4.63 -23.40	55.67 3.44 -4.28	47.56 2.03 -13.83	45.49 2.45 -4.22	43.22 2.80 0.00	44.45 2.34 0.00	43.51 2.35 0.00	33.88 1.79 0.00	30.38 1.62 0.00	26.83 1.55 -1.60
HOLTSVILLE_IC_7 23696	65.31 4.31 -3.13	60.90 3.99 -5.09	55.19 3.88 0.00	55.26 3.67 0.00	52.20 3.25 -0.30	54.41 3.07 0.00	52.85 2.93 0.00	53.21 2.98 0.00	62.72 3.22 0.00	72.10 4.96 -0.18	60.27 4.60 -3.39	71.14 5.46 0.18	69.29 5.60 -4.14	142.13 8.71 -35.52	81.81 4.63 -23.40	55.67 3.44 -4.28	47.56 2.03 -13.83	45.49 2.45 -4.22	43.22 2.80 0.00	44.45 2.34 0.00	43.51 2.35 0.00	33.88 1.79 0.00	30.38 1.62 0.00	26.83 1.55 -1.60
HOLTSVILLE_IC_8 23697	65.31 4.31 -3.13	60.90 3.99 -5.09	55.19 3.88 0.00	55.26 3.67 0.00	52.20 3.25 -0.30	54.41 3.07 0.00	52.85 2.93 0.00	53.21 2.98 0.00	62.72 3.22 0.00	72.10 4.96 -0.18	60.27 4.60 -3.39	71.14 5.46 0.18	69.29 5.60 -4.14	142.13 8.71 -35.52	81.81 4.63 -23.40	55.67 3.44 -4.28	47.56 2.03 -13.83	45.49 2.45 -4.22	43.22 2.80 0.00	44.45 2.34 0.00	43.51 2.35 0.00	33.88 1.79 0.00	30.38 1.62 0.00	26.83 1.55 -1.60
HOLTSVILLE_IC_9 23698	65.31 4.31 -3.13	60.90 3.99 -5.09	55.19 3.88 0.00	55.26 3.67 0.00	52.20 3.25 -0.30	54.41 3.07 0.00	52.85 2.93 0.00	53.21 2.98 0.00	62.72 3.22 0.00	72.10 4.96 -0.18	60.27 4.60 -3.39	71.14 5.46 0.18	69.29 5.60 -4.14	142.13 8.71 -35.52	81.81 4.63 -23.40	55.67 3.44 -4.28	47.56 2.03 -13.83	45.49 2.45 -4.22	43.22 2.80 0.00	44.45 2.34 0.00	43.51 2.35 0.00	33.88 1.79 0.00	30.38 1.62 0.00	26.83 1.55 -1.60
HOMER_HL_115KV_TB2 355744	57.82 -0.04 0.00	52.07 0.23 0.00	51.04 -0.27 0.00	51.18 -0.41 0.00	47.84 -0.81 0.00	50.44 -0.90 0.00	49.37 -0.55 0.00	49.50 -0.72 0.00	58.52 -0.98 0.00	66.09 -0.88 0.00	50.76 -1.51 0.00	64.48 -1.38 0.00	57.70 -1.85 0.00	96.25 -1.65 0.00	52.72 -1.07 0.00	46.95 -1.00 0.00	30.67 -1.03 0.00	37.58 -1.24 0.00	38.96 -1.47 0.00	40.72 -1.38 0.00	39.94 -1.21 0.00	31.26 -0.83 0.00	28.06 -0.70 0.00	23.26 -0.43 0.00
HOWARD_WT_PWR 323690	58.96 1.10 0.00	52.53 0.70 0.00	50.82 -0.50 0.00	50.54 -1.06 -0.01	47.00 -1.64 0.00	49.64 -1.70 0.00	48.19 -1.73 0.00	48.22 -2.01 0.00	57.02 -2.48 0.00	64.84 -2.12 0.00	50.33 -1.94 0.00	63.92 -1.94 0.00	56.93 -2.62 0.00	95.49 -2.40 0.00	52.61 -1.19 0.00	46.66 -1.29 0.00	30.54 -1.16 0.00	37.54 -1.28 0.00	38.90 -1.53 0.00	40.43 -1.67 0.00	39.89 -1.27 0.00	31.03 -1.06 0.00	27.54 -1.22 0.00	22.78 -0.91 0.00
HQ_GEN_CEDARS 23644	58.35 0.49 0.00	52.21 0.38 0.00	51.57 0.25 0.00	51.74 0.15 0.00	48.81 0.17 0.00	51.52 0.18 0.00	50.30 0.38 0.00	50.75 0.52 0.00	60.16 0.66 0.00	67.67 0.70 0.00	52.90 0.62 0.00	66.54 0.68 0.00	59.13 -0.41 0.00	98.34 0.44 0.00	54.07 0.28 0.00	48.49 0.54 0.00	32.01 0.31 0.00	39.35 0.52 0.00	41.00 0.57 0.00	42.84 0.73 0.00	41.91 0.75 0.00	32.48 0.39 0.00	29.16 0.40 0.00	24.06 0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	51.06 0.49 7.29	52.21 0.38 0.00	51.57 0.25 0.00	51.74 0.15 0.00	48.81 0.17 0.00	51.52 0.18 0.00	50.30 0.38 0.00	50.75 0.52 0.00	60.17 0.66 0.00	67.67 0.70 0.00	52.90 0.62 0.00	67.23 0.68 -0.69	59.13 -0.41 0.00	98.34 0.44 0.00	54.07 0.28 0.00	48.49 0.54 0.00	32.01 0.31 0.00	39.34 0.52 0.00	41.00 0.57 0.00	42.84 0.73 0.00	42.14 0.75 -0.23	31.48 0.39 1.01	29.16 0.40 0.00	24.06 0.37 0.00

HQ_GEN_IMPORT 323601	57.82 -0.04 0.00	51.83 -0.07 -0.08	51.16 -0.15 0.00	51.37 -0.22 0.00	48.44 -0.21 0.00	51.19 -0.15 0.00	49.90 -0.02 0.00	50.18 0.00 0.05	60.23 0.18 -0.54	67.20 0.23 0.00	52.49 0.21 0.00	66.12 0.26 0.00	59.60 0.05 0.00	98.17 0.27 0.00	53.94 0.15 0.00	47.55 0.23 0.64	31.83 0.13 0.00	39.02 0.20 0.00	40.66 0.23 0.00	42.40 0.29 0.00	42.45 0.16 -1.14	32.14 0.04 0.00	28.80 0.04 0.00	23.73 0.04 0.00
HQ_GEN_WHEEL 23651	57.82 -0.04 0.00	51.83 -0.07 -0.08	51.16 -0.15 0.00	51.37 -0.22 0.00	48.44 -0.21 0.00	51.19 -0.15 0.00	49.90 -0.02 0.00	50.18 0.00 0.05	60.23 0.18 -0.54	67.20 0.23 0.00	52.49 0.21 0.00	66.12 0.26 0.00	59.60 0.05 0.00	98.17 0.27 0.00	53.94 0.15 0.00	47.55 0.23 0.64	31.83 0.13 0.00	39.02 0.20 0.00	40.66 0.23 0.00	42.40 0.29 0.00	42.45 0.16 -1.14	32.14 0.04 0.00	28.80 0.04 0.00	23.73 0.04 0.00
HUDSON AVE_GT_3 23810	60.85 2.99 0.00	54.65 2.82 0.00	54.26 2.95 0.00	54.53 2.93 0.00	51.79 2.84 -0.30	54.00 2.66 0.00	52.64 2.72 0.00	53.29 3.07 0.00	62.98 3.48 0.00	70.94 3.97 0.00	55.96 3.69 0.00	70.31 4.45 0.00	64.09 4.55 0.00	106.53 7.33 -1.30	69.49 3.85 -11.85	53.40 3.19 -2.26	47.65 2.12 -13.83	45.66 2.61 -4.22	43.17 2.74 0.00	44.54 2.43 0.00	43.61 2.45 0.00	33.99 1.90 0.00	30.49 1.73 0.00	26.76 1.47 -1.61
HUDSON AVE_GT_4 23540	60.85 2.99 0.00	54.65 2.82 0.00	54.26 2.95 0.00	54.53 2.93 0.00	51.79 2.84 -0.30	54.00 2.66 0.00	52.64 2.72 0.00	53.29 3.07 0.00	62.98 3.48 0.00	70.94 3.97 0.00	55.96 3.69 0.00	70.31 4.45 0.00	64.09 4.55 0.00	106.53 7.33 -1.30	69.49 3.85 -11.85	53.40 3.19 -2.26	47.65 2.12 -13.83	45.66 2.61 -4.22	43.17 2.74 0.00	44.54 2.43 0.00	43.61 2.45 0.00	33.99 1.90 0.00	30.49 1.73 0.00	26.76 1.47 -1.61
HUDSON AVE_GT_5 23657	60.85 2.99 0.00	54.65 2.82 0.00	54.26 2.95 0.00	54.53 2.93 0.00	51.79 2.84 -0.30	54.00 2.66 0.00	52.64 2.72 0.00	53.29 3.07 0.00	62.98 3.48 0.00	70.94 3.97 0.00	55.96 3.69 0.00	70.31 4.45 0.00	64.09 4.55 0.00	106.53 7.33 -1.30	69.49 3.85 -11.85	53.40 3.19 -2.26	47.65 2.12 -13.83	45.66 2.61 -4.22	43.17 2.74 0.00	44.54 2.43 0.00	43.61 2.45 0.00	33.99 1.90 0.00	30.49 1.73 0.00	26.76 1.47 -1.61
HUDSON_AVE_10 24168	60.67 2.81 0.00	54.52 2.69 0.00	54.14 2.83 0.00	54.41 2.82 0.00	51.67 2.72 -0.30	53.87 2.53 0.00	52.50 2.58 0.00	53.17 2.94 0.00	62.82 3.32 0.00	70.70 3.73 0.00	55.76 3.49 0.00	70.07 4.21 0.00	63.88 4.33 0.00	106.57 6.97 -1.70	69.29 3.66 -11.85	53.24 3.04 -2.26	47.55 2.02 -13.83	45.54 2.50 -4.22	43.02 2.59 0.00	44.37 2.27 0.00	43.45 2.29 0.00	33.90 1.81 0.00	30.43 1.68 0.00	26.71 1.42 -1.61
HUDSON___115KV_TB 4 355613	59.48 1.62 0.00	53.58 1.74 0.00	53.45 2.14 0.00	53.94 2.35 0.00	50.87 2.22 0.00	53.65 2.31 0.00	51.77 1.85 0.00	52.18 1.95 0.00	61.63 2.13 0.00	69.49 2.53 0.00	54.07 1.79 0.00	68.16 2.30 0.00	61.87 2.33 0.00	101.18 3.29 0.00	55.46 1.67 0.00	49.30 1.35 0.00	32.78 1.08 0.00	39.95 1.13 0.00	41.54 1.11 0.00	43.21 1.11 0.00	42.27 1.11 0.00	33.04 0.95 0.00	29.63 0.87 0.00	24.56 0.65 -0.23
HUNTER MOUNT___DRP 323613	59.62 1.76 0.00	53.76 1.93 0.00	53.67 2.36 0.00	54.18 2.59 0.00	51.07 2.42 0.00	53.90 2.56 0.00	52.06 2.14 0.00	52.49 2.26 0.00	62.03 2.53 0.00	69.91 2.95 0.00	54.40 2.13 0.00	68.53 2.67 0.00	62.17 2.63 0.00	101.50 3.60 0.00	55.66 1.87 0.00	49.49 1.54 0.00	32.89 1.19 0.00	40.13 1.31 0.00	41.73 1.30 0.00	43.42 1.32 0.00	42.47 1.31 0.00	33.20 1.10 0.00	29.76 1.00 0.00	24.43 0.74 0.00
HUNTINGTON_RES_REC 323705	65.19 4.19 -3.14	60.82 3.90 -5.09	55.11 3.80 0.00	55.19 3.60 0.00	52.18 3.24 -0.30	54.37 3.04 0.00	52.84 2.92 0.00	53.23 3.00 0.00	62.73 3.24 0.00	71.87 4.73 -0.18	58.97 4.29 -2.41	70.63 4.95 0.18	68.84 5.16 -4.14	92.82 8.00 13.08	73.78 4.28 -15.71	50.51 3.21 0.66	47.43 1.91 -13.83	45.32 2.27 -4.22	43.03 2.60 0.00	44.32 2.21 0.00	43.39 2.23 0.00	33.79 1.70 0.00	30.34 1.59 0.00	26.78 1.50 -1.60
HUNTLEY___63 23557	57.76 -0.10 0.00	51.96 0.13 0.00	50.96 -0.36 0.00	50.76 -0.83 0.00	47.49 -1.16 0.00	50.30 -1.04 0.00	48.86 -1.06 0.00	48.87 -1.36 0.00	57.52 -1.98 0.00	64.62 -2.35 0.00	49.42 -2.85 0.00	63.13 -2.73 0.00	56.25 -3.30 0.00	93.91 -3.99 0.00	51.53 -2.26 0.00	46.01 -1.94 0.00	29.87 -1.83 0.00	36.77 -2.05 0.00	38.24 -2.19 0.00	40.18 -1.93 0.00	39.32 -1.83 0.00	30.85 -1.24 0.00	27.54 -1.22 0.00	22.80 -0.88 0.00
HUNTLEY___64 23558	57.76 -0.10 0.00	51.96 0.13 0.00	50.96 -0.36 0.00	50.76 -0.83 0.00	47.49 -1.16 0.00	50.30 -1.04 0.00	48.86 -1.06 0.00	48.87 -1.36 0.00	57.52 -1.98 0.00	64.62 -2.35 0.00	49.42 -2.85 0.00	63.13 -2.73 0.00	56.25 -3.30 0.00	93.91 -3.99 0.00	51.53 -2.26 0.00	46.01 -1.94 0.00	29.87 -1.83 0.00	36.77 -2.05 0.00	38.24 -2.19 0.00	40.18 -1.93 0.00	39.32 -1.83 0.00	30.85 -1.24 0.00	27.54 -1.22 0.00	22.80 -0.88 0.00
HUNTLEY___65 23559	57.76 -0.10 0.00	51.96 0.13 0.00	50.96 -0.36 0.00	50.76 -0.83 0.00	47.49 -1.16 0.00	50.30 -1.04 0.00	48.86 -1.06 0.00	48.87 -1.36 0.00	57.52 -1.98 0.00	64.62 -2.35 0.00	49.42 -2.85 0.00	63.13 -2.73 0.00	56.25 -3.30 0.00	93.91 -3.99 0.00	51.53 -2.26 0.00	46.01 -1.94 0.00	29.87 -1.83 0.00	36.77 -2.05 0.00	38.24 -2.19 0.00	40.18 -1.93 0.00	39.32 -1.83 0.00	30.85 -1.24 0.00	27.54 -1.22 0.00	22.80 -0.88 0.00
HUNTLEY___66 23560	57.76 -0.10 0.00	51.96 0.13 0.00	50.96 -0.36 0.00	50.76 -0.83 0.00	47.49 -1.16 0.00	50.30 -1.04 0.00	48.86 -1.06 0.00	48.87 -1.36 0.00	57.52 -1.98 0.00	64.62 -2.35 0.00	49.42 -2.85 0.00	63.13 -2.73 0.00	56.25 -3.30 0.00	93.91 -3.99 0.00	51.53 -2.26 0.00	46.01 -1.94 0.00	29.87 -1.83 0.00	36.77 -2.05 0.00	38.24 -2.19 0.00	40.18 -1.93 0.00	39.32 -1.83 0.00	30.85 -1.24 0.00	27.54 -1.22 0.00	22.80 -0.88 0.00
HUNTLEY___67 23561	57.29 -0.57 0.00	51.41 -0.42 0.00	50.40 -0.92 0.00	50.29 -1.30 0.00	47.04 -1.61 0.00	49.83 -1.51 0.00	48.42 -1.50 0.00	48.43 -1.79 0.00	56.99 -2.51 0.00	64.03 -2.94 0.00	49.01 -3.27 0.00	62.61 -3.25 0.00	55.75 -3.79 0.00	93.13 -4.77 0.00	51.09 -2.70 0.00	45.64 -2.31 0.00	29.65 -2.05 0.00	36.51 -2.32 0.00	37.96 -2.47 0.00	39.83 -2.27 0.00	39.01 -2.15 0.00	30.61 -1.49 0.00	27.33 -1.43 0.00	22.63 -1.06 0.00
HUNTLEY___68 23562	57.29 -0.57 0.00	51.41 -0.42 0.00	50.40 -0.92 0.00	50.29 -1.30 0.00	47.04 -1.61 0.00	49.83 -1.51 0.00	48.42 -1.50 0.00	48.43 -1.79 0.00	56.99 -2.51 0.00	64.03 -2.94 0.00	49.01 -3.27 0.00	62.61 -3.25 0.00	55.75 -3.79 0.00	93.13 -4.77 0.00	51.09 -2.70 0.00	45.64 -2.31 0.00	29.65 -2.05 0.00	36.51 -2.32 0.00	37.96 -2.47 0.00	39.83 -2.27 0.00	39.01 -2.15 0.00	30.61 -1.49 0.00	27.33 -1.43 0.00	22.63 -1.06 0.00

HYLAND___LFGE 323620	60.05 2.19 0.00	53.55 1.71 0.00	52.23 0.92 0.00	52.11 0.52 0.00	48.82 0.18 0.00	51.80 0.46 0.00	50.49 0.57 0.00	50.64 0.41 0.00	59.57 0.07 0.00	66.86 -0.10 0.00	51.73 -0.54 0.00	65.45 -0.40 0.00	58.18 -1.37 0.00	96.71 -1.19 0.00	53.11 -0.68 0.00	47.07 -0.88 0.00	31.08 -0.61 0.00	38.04 -0.78 0.00	39.59 -0.84 0.00	41.12 -0.99 0.00	41.06 -0.09 0.00	32.31 0.21 0.00	28.69 -0.07 0.00	23.66 -0.03 0.00
INDECK___CORINTH 23802	60.82 2.96 0.00	54.43 2.60 0.00	54.02 2.71 0.00	54.47 2.88 0.00	51.37 2.72 0.00	54.17 2.84 0.00	52.51 2.59 0.00	52.93 2.70 0.00	62.66 3.16 0.00	70.67 3.71 0.00	54.68 2.41 0.00	68.73 2.87 0.00	61.95 2.41 0.00	100.87 2.97 0.00	55.67 1.88 0.00	49.65 1.70 0.00	32.68 0.98 0.00	40.16 1.33 0.00	41.85 1.42 0.00	43.65 1.54 0.00	42.92 1.76 0.00	33.40 1.31 0.00	29.96 1.20 0.00	24.84 0.91 -0.24
INDECK___ILION 23567	58.62 0.76 0.00	52.50 0.67 0.00	52.15 0.84 0.00	52.50 0.91 0.00	49.53 0.88 0.00	52.23 0.89 0.00	50.67 0.75 0.00	51.06 0.83 0.00	60.38 0.88 0.00	68.01 1.04 0.00	53.06 0.78 0.00	66.74 0.89 0.00	60.37 0.83 0.00	99.03 1.13 0.00	54.39 0.60 0.00	48.37 0.42 0.00	32.04 0.35 0.00	39.21 0.39 0.00	40.77 0.34 0.00	42.48 0.38 0.00	41.55 0.39 0.00	32.41 0.32 0.00	29.03 0.27 0.00	23.85 0.16 0.00
INDECK___OLEAN 23982	57.81 -0.05 0.00	52.07 0.23 0.00	51.05 -0.26 0.00	51.17 -0.42 0.00	47.84 -0.81 0.00	50.43 -0.91 0.00	49.37 -0.54 0.00	49.51 -0.72 0.00	58.52 -0.98 0.00	66.09 -0.87 0.00	50.76 -1.51 0.00	64.48 -1.37 0.00	57.70 -1.85 0.00	96.30 -1.60 0.00	52.70 -1.08 0.00	46.94 -1.01 0.00	30.69 -1.01 0.00	37.59 -1.24 0.00	38.96 -1.47 0.00	40.70 -1.41 0.00	39.94 -1.21 0.00	31.26 -0.84 0.00	28.06 -0.70 0.00	23.27 -0.41 0.00
INDECK___OSWEGO 23783	56.11 -1.75 0.00	50.25 -1.58 0.00	49.70 -1.61 0.00	50.00 -1.69 -0.10	47.03 -1.62 0.00	49.56 -1.78 0.00	48.11 -1.81 0.00	48.28 -1.95 0.00	57.00 -2.50 0.00	63.97 -2.99 0.00	49.83 -2.45 0.00	62.65 -3.20 0.00	56.67 -2.87 0.00	93.31 -4.59 0.00	51.24 -2.55 0.00	45.70 -2.25 0.00	30.27 -1.43 0.00	37.09 -1.73 0.00	38.67 -1.76 0.00	40.34 -1.76 0.00	39.68 -1.48 0.00	31.08 -1.02 0.00	27.83 -0.93 0.00	22.91 -0.77 0.00
INDECK___YERKES 23781	57.78 -0.08 0.00	52.02 0.18 0.00	51.01 -0.30 0.00	50.82 -0.77 0.00	47.54 -1.11 0.00	50.37 -0.97 0.00	48.93 -0.99 0.00	48.94 -1.29 0.00	57.58 -1.92 0.00	64.71 -2.26 0.00	49.49 -2.78 0.00	63.21 -2.65 0.00	56.31 -3.23 0.00	94.09 -2.20 0.00	51.59 -1.59 0.00	46.07 -1.88 0.00	29.93 -1.77 0.00	36.83 -1.99 0.00	38.30 -2.13 0.00	40.20 -1.91 0.00	39.38 -1.78 0.00	30.89 -1.21 0.00	27.57 -1.18 0.00	22.84 -0.84 0.00
INDIAN POINT_GT_1 24139	60.28 2.42 0.00	54.08 2.25 0.00	53.66 2.34 0.00	53.96 2.36 0.00	51.24 2.26 -0.33	53.45 2.12 0.00	52.04 2.12 0.00	52.64 2.41 0.00	62.23 2.73 0.00	70.17 3.20 0.00	55.25 2.97 0.00	69.51 3.66 0.00	63.34 3.80 0.00	105.08 6.14 -1.04	66.56 3.27 -9.50	52.42 2.66 -1.81	44.52 1.73 -11.09	44.29 2.08 -3.39	42.57 2.14 0.00	43.99 1.88 0.00	43.09 1.93 0.00	33.57 1.48 0.00	30.10 1.34 0.00	26.57 1.13 -1.76
INDIAN POINT_GT_2 23659	60.28 2.42 0.00	54.08 2.25 0.00	53.66 2.34 0.00	53.96 2.36 0.00	51.24 2.26 -0.33	53.45 2.12 0.00	52.04 2.12 0.00	52.64 2.41 0.00	62.23 2.73 0.00	70.17 3.20 0.00	55.25 2.97 0.00	69.51 3.66 0.00	63.34 3.80 0.00	105.08 6.14 -1.04	66.56 3.27 -9.50	52.42 2.66 -1.81	44.52 1.73 -11.09	44.29 2.08 -3.39	42.57 2.14 0.00	43.99 1.88 0.00	43.09 1.93 0.00	33.57 1.48 0.00	30.10 1.34 0.00	26.57 1.13 -1.76
INDIAN POINT_GT_3 24019	60.28 2.42 0.00	54.08 2.25 0.00	53.66 2.34 0.00	53.96 2.36 0.00	51.24 2.26 -0.33	53.45 2.12 0.00	52.04 2.12 0.00	52.64 2.41 0.00	62.23 2.73 0.00	70.17 3.20 0.00	55.25 2.97 0.00	69.51 3.66 0.00	63.34 3.80 0.00	105.08 6.14 -1.04	66.56 3.27 -9.50	52.42 2.66 -1.81	44.52 1.73 -11.09	44.29 2.08 -3.39	42.57 2.14 0.00	43.99 1.88 0.00	43.09 1.93 0.00	33.57 1.48 0.00	30.10 1.34 0.00	26.57 1.13 -1.76
INDIAN POINT___2 23530	60.20 2.34 0.00	53.99 2.15 0.00	53.55 2.24 0.00	53.87 2.28 0.00	51.28 2.18 -0.45	53.36 2.03 0.00	51.97 2.05 0.00	52.55 2.33 0.00	62.12 2.62 0.00	70.06 3.09 0.00	55.15 2.88 0.00	69.43 3.57 0.00	63.26 3.71 0.00	104.34 6.02 -0.43	60.90 3.22 -3.88	51.29 2.60 -0.74	37.92 1.69 -4.53	42.24 2.04 -1.38	42.51 2.08 0.00	43.94 1.84 0.00	43.05 1.89 0.00	33.52 1.43 0.00	30.07 1.31 0.00	27.16 1.10 -2.38
INDIAN POINT___3 23531	60.16 2.30 0.00	53.97 2.13 0.00	53.54 2.23 0.00	53.84 2.25 0.00	51.14 2.16 -0.34	53.35 2.01 0.00	51.93 2.01 0.00	52.53 2.31 0.00	62.07 2.57 0.00	70.03 3.06 0.00	55.12 2.84 0.00	69.37 3.52 0.00	63.21 3.67 0.00	105.54 5.92 -1.73	72.73 3.16 -15.78	53.51 2.56 -3.01	51.78 1.66 -18.42	46.44 1.99 -5.62	42.47 2.04 0.00	43.90 1.79 0.00	43.01 1.85 0.00	33.50 1.41 0.00	30.04 1.28 0.00	26.57 1.08 -1.81
INGHAM_C_115KV_TB7 356103	59.17 1.30 0.00	53.00 1.16 0.00	52.81 1.50 0.00	53.23 1.64 0.00	50.27 1.62 0.00	52.96 1.62 0.00	51.26 1.34 0.00	51.76 1.53 0.00	61.11 1.61 0.00	68.92 1.96 0.00	53.70 1.42 0.00	67.38 1.52 0.00	60.94 1.40 0.00	99.69 1.80 0.00	54.76 0.97 0.00	48.60 0.65 0.00	32.27 0.57 0.00	39.46 0.63 0.00	40.98 0.55 0.00	42.71 0.61 0.00	41.80 0.64 0.00	32.63 0.54 0.00	29.21 0.46 0.00	23.93 0.25 0.00
IP CORINTH___1 23988	61.15 3.29 0.00	54.74 2.91 0.00	54.32 3.01 0.00	54.77 3.18 0.00	51.65 3.00 0.00	54.48 3.14 0.00	52.79 2.87 0.00	53.21 2.98 0.00	63.01 3.51 0.00	71.07 4.10 0.00	54.99 2.71 0.00	69.11 3.25 0.00	62.29 2.75 0.00	101.43 3.53 0.00	55.98 2.19 0.00	49.92 1.97 0.00	32.86 1.16 0.00	40.37 1.54 0.00	42.08 1.65 0.00	43.90 1.79 0.00	43.16 2.01 0.00	33.58 1.49 0.00	30.13 1.37 0.00	24.98 1.05 -0.24
IP___TICONDEROGA 23804	65.04 7.18 0.00	58.38 6.55 0.00	57.80 6.48 0.00	58.28 6.69 0.00	55.06 6.41 0.00	57.94 6.60 0.00	56.12 6.20 0.00	56.49 6.26 0.00	67.13 7.63 0.00	76.09 9.13 0.00	58.69 6.42 0.00	73.48 7.63 0.00	66.22 6.68 0.00	106.76 8.86 0.00	59.01 5.22 0.00	52.68 4.73 0.00	34.43 2.73 0.00	42.68 3.86 0.00	44.70 4.28 0.00	46.96 4.85 0.00	45.77 4.62 0.00	35.58 3.49 0.00	31.95 3.19 0.00	26.36 2.43 -0.24
ISLIP_RES_REC 323679	66.06 4.80 -3.40	61.58 4.39 -5.36	55.57 4.25 0.00	55.62 4.03 0.00	52.52 3.58 -0.30	54.75 3.42 0.00	53.19 3.27 0.00	53.59 3.36 0.00	63.23 3.73 0.00	72.72 5.58 -0.18	61.13 5.13 -3.72	71.97 6.16 0.05	70.06 6.27 -4.25	155.47 9.81 -47.77	84.42 5.25 -25.38	57.52 3.97 -5.60	47.86 2.34 -13.83	45.86 2.82 -4.22	43.59 3.16 0.00	44.85 2.74 0.00	43.86 2.70 0.00	34.14 2.04 0.00	30.58 1.82 0.00	26.98 1.70 -1.60

JAMAICA__27_KV_LOAD 355505	61.25 3.39 0.00	55.13 3.30 0.00	54.72 3.41 0.00	54.98 3.39 0.00	52.17 3.22 -0.30	54.39 3.06 0.00	52.96 3.04 0.00	53.68 3.45 0.00	63.37 3.87 0.00	71.17 4.21 0.00	56.08 3.80 0.00	70.56 4.70 0.00	64.39 4.84 0.00	107.49 7.79 -1.80	69.78 4.14 -11.85	53.68 3.48 -2.26	47.85 2.32 -13.83	45.92 2.87 -4.22	43.36 2.93 0.00	44.67 2.56 0.00	43.74 2.58 0.00	34.18 2.08 0.00	30.73 1.97 0.00	26.95 1.65 -1.61
JANIS__SOLAR 323808	60.84 2.98 0.00	54.37 2.53 0.00	53.44 2.13 0.00	53.73 2.12 -0.02	50.61 1.96 0.00	53.47 2.13 0.00	52.13 2.21 0.00	52.23 2.00 0.00	61.88 2.38 0.00	69.64 2.67 0.00	53.82 1.55 0.00	67.50 1.65 0.00	61.38 1.83 0.00	101.65 3.75 0.00	55.34 1.56 0.00	49.21 1.26 0.00	32.77 1.08 0.00	40.12 1.29 0.00	41.70 1.27 0.00	43.50 1.39 0.00	42.87 1.71 0.00	33.24 1.15 0.00	29.56 0.80 0.00	24.29 0.60 0.00
JARVIS____ 23743	58.04 0.18 0.00	52.00 0.17 0.00	51.55 0.24 0.00	51.85 0.26 0.00	48.89 0.24 0.00	51.60 0.26 0.00	50.12 0.20 0.00	50.43 0.20 0.00	59.70 0.20 0.00	67.19 0.23 0.00	52.44 0.17 0.00	66.06 0.20 0.00	59.79 0.24 0.00	98.19 0.30 0.00	53.96 0.17 0.00	48.05 0.10 0.00	31.79 0.09 0.00	38.90 0.08 0.00	40.50 0.08 0.00	42.16 0.05 0.00	41.25 0.09 0.00	32.19 0.09 0.00	28.84 0.08 0.00	23.73 0.05 0.00
JENNISON____1 23625	60.94 3.08 0.00	54.48 2.65 0.00	53.52 2.21 0.00	53.82 2.21 -0.02	50.89 2.24 0.00	53.70 2.36 0.00	52.08 2.16 0.00	52.10 1.88 0.00	61.84 2.34 0.00	69.40 2.44 0.00	53.45 1.18 0.00	66.85 0.99 0.00	61.21 1.66 0.00	102.08 4.18 0.00	55.50 1.71 0.00	49.27 1.32 0.00	32.89 1.20 0.00	40.10 1.27 0.00	41.60 1.17 0.00	43.11 1.00 0.00	42.85 1.70 0.00	32.91 0.82 0.00	29.14 0.38 0.00	24.01 0.32 0.00
JENNISON____2 23626	60.94 3.08 0.00	54.48 2.65 0.00	53.52 2.21 0.00	53.82 2.21 -0.02	50.89 2.24 0.00	53.70 2.36 0.00	52.08 2.16 0.00	52.10 1.88 0.00	61.84 2.34 0.00	69.40 2.44 0.00	53.45 1.18 0.00	66.85 0.99 0.00	61.21 1.66 0.00	102.08 4.18 0.00	55.50 1.71 0.00	49.27 1.32 0.00	32.89 1.20 0.00	40.10 1.27 0.00	41.60 1.17 0.00	43.11 1.00 0.00	42.85 1.70 0.00	32.91 0.82 0.00	29.14 0.38 0.00	24.01 0.32 0.00
JERICOHO_RISE_WT_PWR 323719	58.06 0.20 0.00	52.09 0.25 0.00	51.44 0.13 0.00	51.61 0.02 0.00	48.68 0.04 0.00	51.36 0.03 0.00	50.05 0.13 0.00	50.43 0.20 0.00	59.77 0.27 0.00	67.29 0.32 0.00	52.46 0.19 0.00	65.98 0.13 0.00	59.37 -0.17 0.00	97.85 -0.05 0.00	53.82 0.03 0.00	48.28 0.33 0.00	31.83 0.13 0.00	39.17 0.34 0.00	40.85 0.42 0.00	42.73 0.62 0.00	41.75 0.59 0.00	32.33 0.24 0.00	29.02 0.26 0.00	23.95 0.26 0.00
KATONAH__115KV_46KV_TB4 355592	60.60 2.74 0.00	54.36 2.53 0.00	53.95 2.64 0.00	54.25 2.66 0.00	51.33 2.51 -0.16	53.77 2.43 0.00	52.33 2.41 0.00	52.93 2.71 0.00	62.60 3.10 0.00	70.64 3.67 0.00	55.55 3.27 0.00	69.91 4.05 0.00	63.75 4.21 0.00	104.65 6.70 -0.06	57.86 3.56 -0.51	50.98 2.93 -0.10	34.16 1.88 -0.59	41.28 2.28 -0.18	42.78 2.35 0.00	44.21 2.10 0.00	43.28 2.12 0.00	33.71 1.61 0.00	30.22 1.46 0.00	25.80 1.21 -0.90
KCE_NY_1 323755	60.89 3.03 0.00	54.48 2.65 0.00	54.08 2.77 0.00	54.55 2.96 0.00	51.37 2.72 0.00	54.28 2.94 0.00	52.66 2.74 0.00	53.05 2.82 0.00	62.73 3.23 0.00	70.69 3.73 0.00	54.99 2.71 0.00	69.17 3.32 0.00	62.47 2.93 0.00	102.08 4.19 0.00	56.16 2.37 0.00	50.12 2.17 0.00	33.04 1.34 0.00	40.48 1.65 0.00	42.18 1.75 0.00	43.95 1.85 0.00	43.04 1.88 0.00	33.57 1.47 0.00	30.13 1.37 0.00	25.01 1.08 -0.25
KCE_NY_6_ESR 323823	57.96 0.10 0.00	51.95 0.11 0.00	50.84 -0.47 0.00	50.76 -0.84 0.00	47.42 -1.23 0.00	50.26 -1.08 0.00	48.91 -1.01 0.00	48.93 -1.30 0.00	57.68 -1.82 0.00	64.89 -2.07 0.00	49.73 -2.55 0.00	63.52 -2.34 0.00	56.54 -3.00 0.00	94.48 -3.42 0.00	51.82 -1.97 0.00	46.23 -1.72 0.00	30.08 -1.62 0.00	36.97 -1.85 0.00	38.37 -2.06 0.00	40.25 -1.86 0.00	39.53 -1.63 0.00	30.96 -1.13 0.00	27.63 -1.13 0.00	22.87 -0.81 0.00
KEDC_PORT_JEFF_GT2 24210	64.90 4.06 -2.99	60.57 3.80 -4.93	55.00 3.69 0.00	55.07 3.48 0.00	52.04 3.09 -0.30	54.18 2.84 0.00	52.56 2.64 0.00	52.82 2.60 0.00	62.26 2.76 0.00	71.69 4.55 -0.18	59.73 4.31 -3.15	70.65 5.05 0.25	68.71 5.08 -4.08	131.60 7.61 -26.10	79.68 4.01 -21.88	54.12 2.89 -3.28	47.21 1.68 -13.83	45.13 2.09 -4.22	43.09 2.66 0.00	44.32 2.21 0.00	43.39 2.23 0.00	33.78 1.69 0.00	30.29 1.54 0.00	26.77 1.48 -1.60
KEDC_PORT_JEFF_GT3 24211	64.90 4.06 -2.99	60.57 3.80 -4.93	55.00 3.69 0.00	55.07 3.48 0.00	52.04 3.09 -0.30	54.18 2.84 0.00	52.56 2.64 0.00	52.82 2.60 0.00	62.26 2.76 0.00	71.69 4.55 -0.18	59.73 4.31 -3.15	70.65 5.05 0.25	68.71 5.08 -4.08	131.60 7.61 -26.10	79.68 4.01 -21.88	54.12 2.89 -3.28	47.21 1.68 -13.83	45.13 2.09 -4.22	43.09 2.66 0.00	44.32 2.21 0.00	43.39 2.23 0.00	33.78 1.69 0.00	30.29 1.54 0.00	26.77 1.48 -1.60
KEDC_GLWD_GT4 24219	80.67 3.29 -19.52	77.14 3.34 -21.97	54.66 3.34 0.00	54.86 3.26 0.00	52.01 3.06 -0.30	54.25 2.91 0.00	52.80 2.88 0.00	53.39 3.17 0.00	63.12 3.62 0.00	71.71 4.56 -0.18	64.55 4.12 -8.16	78.46 4.59 -8.01	75.18 4.76 -10.87	109.60 7.59 -4.11	79.28 4.07 -21.42	57.31 3.24 -6.13	47.54 2.02 -13.83	45.46 2.42 -4.22	42.99 2.56 0.00	44.35 2.24 0.00	43.43 2.27 0.00	33.96 1.86 0.00	30.50 1.74 0.00	26.78 1.50 -1.60
KEDC_GLWD_GT5 24220	80.67 3.29 -19.52	77.14 3.34 -21.97	54.66 3.34 0.00	54.86 3.26 0.00	52.01 3.06 -0.30	54.25 2.91 0.00	52.80 2.88 0.00	53.39 3.17 0.00	63.12 3.62 0.00	71.71 4.56 -0.18	64.55 4.12 -8.16	78.46 4.59 -8.01	75.18 4.76 -10.87	109.60 7.59 -4.11	79.28 4.07 -21.42	57.31 3.24 -6.13	47.54 2.02 -13.83	45.46 2.42 -4.22	42.99 2.56 0.00	44.35 2.24 0.00	43.43 2.27 0.00	33.96 1.86 0.00	30.50 1.74 0.00	26.78 1.50 -1.60
KENSICO____ 23655	60.48 2.63 0.00	54.29 2.45 0.00	53.86 2.55 0.00	54.17 2.58 0.00	51.43 2.47 -0.31	53.66 2.33 0.00	52.26 2.34 0.00	52.86 2.63 0.00	62.48 2.98 0.00	70.47 3.50 0.00	55.48 3.21 0.00	69.79 3.93 0.00	63.60 4.05 0.00	105.72 6.52 -1.31	69.19 3.47 -11.93	53.06 2.83 -2.27	47.48 1.85 -13.93	45.31 2.23 -4.25	42.73 2.31 0.00	44.14 2.03 0.00	43.24 2.08 0.00	33.69 1.60 0.00	30.21 1.45 0.00	26.58 1.23 -1.67
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	60.96 3.10 0.00	54.48 2.65 0.00	53.93 2.62 0.00	54.20 2.61 0.00	51.05 2.46 0.06	53.75 2.41 0.00	52.35 2.43 0.00	52.86 2.64 0.00	62.60 3.10 0.00	70.70 3.73 0.00	55.49 3.22 0.00	69.84 3.98 0.00	63.70 4.16 0.00	104.53 6.63 0.00	57.26 3.47 0.00	50.84 2.89 0.00	33.59 1.90 0.00	41.12 2.29 0.00	42.76 2.34 0.00	44.26 2.15 0.00	43.34 2.18 0.00	33.71 1.62 0.00	30.17 1.41 0.00	24.58 1.15 0.25

KIAC_JFK_GT1 23816	60.60 2.74 0.00	54.72 2.89 0.00	54.34 3.03 0.00	54.60 3.01 0.00	51.82 2.87 -0.30	54.03 2.69 0.00	52.57 2.66 0.00	53.31 3.08 0.00	62.86 3.36 0.00	70.44 3.48 0.00	55.52 3.24 0.00	69.81 3.96 0.00	63.71 4.17 0.00	106.38 6.68 -1.80	69.16 3.52 -11.85	53.14 2.94 -2.26	47.50 1.96 -13.83	45.49 2.44 -4.22	42.92 2.49 0.00	44.21 2.10 0.00	43.30 2.14 0.00	33.85 1.76 0.00	30.44 1.68 0.00	26.72 1.42 -1.61
KIAC_JFK_GT2 23817	60.60 2.74 0.00	54.72 2.89 0.00	54.34 3.03 0.00	54.60 3.01 0.00	51.82 2.87 -0.30	54.03 2.69 0.00	52.57 2.66 0.00	53.31 3.08 0.00	62.86 3.36 0.00	70.44 3.48 0.00	55.52 3.24 0.00	69.81 3.96 0.00	63.71 4.17 0.00	106.38 6.68 -1.80	69.16 3.52 -11.85	53.14 2.94 -2.26	47.50 1.96 -13.83	45.49 2.44 -4.22	42.92 2.49 0.00	44.21 2.10 0.00	43.30 2.14 0.00	33.85 1.76 0.00	30.44 1.68 0.00	26.72 1.42 -1.61
KIAC_JFK____ 323774	60.60 2.74 0.00	54.72 2.89 0.00	54.33 3.02 0.00	54.60 3.01 0.00	51.82 2.87 -0.30	54.03 2.69 0.00	52.57 2.65 0.00	53.31 3.08 0.00	62.86 3.36 0.00	70.44 3.47 0.00	55.51 3.24 0.00	69.82 3.96 0.00	63.71 4.17 0.00	106.37 6.67 -1.80	69.16 3.53 -11.85	53.14 2.93 -2.26	47.50 1.97 -13.83	45.49 2.44 -4.22	42.92 2.49 0.00	44.22 2.11 0.00	43.30 2.14 0.00	33.84 1.75 0.00	30.44 1.68 0.00	26.71 1.42 -1.61
KINTIGH__24_KV_GSU 356498	57.32 -0.54 0.00	51.41 -0.42 0.00	50.53 -0.79 0.00	50.49 -1.10 0.00	47.32 -1.33 0.00	50.02 -1.31 0.00	48.62 -1.30 0.00	48.68 -1.54 0.00	57.27 -2.23 0.00	64.28 -2.68 0.00	49.32 -2.96 0.00	62.87 -2.98 0.00	56.15 -3.39 0.00	93.64 -4.26 0.00	51.32 -2.47 0.00	45.88 -2.07 0.00	29.90 -1.80 0.00	36.78 -2.04 0.00	38.24 -2.19 0.00	40.06 -2.04 0.00	39.23 -1.92 0.00	30.80 -1.30 0.00	27.51 -1.24 0.00	22.79 -0.90 0.00
KINTIGH____ 23543	57.27 -0.59 0.00	51.38 -0.45 0.00	50.48 -0.83 0.00	50.44 -1.15 0.00	47.28 -1.37 0.00	49.98 -1.36 0.00	48.58 -1.34 0.00	48.63 -1.60 0.00	57.23 -2.27 0.00	64.22 -2.74 0.00	49.27 -3.00 0.00	62.82 -3.04 0.00	56.10 -3.44 0.00	93.52 -4.38 0.00	51.28 -2.51 0.00	45.84 -2.11 0.00	29.86 -1.84 0.00	36.75 -2.08 0.00	38.22 -2.21 0.00	40.06 -2.05 0.00	39.20 -1.95 0.00	30.77 -1.32 0.00	27.49 -1.27 0.00	22.76 -0.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	58.70 0.84 0.00	52.78 0.95 0.00	52.16 0.85 0.00	52.33 0.74 0.00	49.35 0.70 0.00	52.08 0.74 0.00	50.68 0.76 0.00	51.07 0.85 0.00	60.38 0.89 0.00	67.97 1.00 0.00	52.70 0.43 0.00	66.32 0.47 0.00	59.85 0.31 0.00	98.29 0.39 0.00	54.13 0.34 0.00	48.60 0.65 0.00	32.03 0.33 0.00	39.48 0.66 0.00	41.19 0.77 0.00	43.10 0.99 0.00	42.17 1.01 0.00	32.71 0.62 0.00	29.37 0.61 0.00	24.26 0.57 0.00
LACHUTE____HYDRO 323717	65.04 7.18 0.00	58.38 6.55 0.00	57.80 6.48 0.00	58.28 6.69 0.00	55.06 6.41 0.00	57.94 6.60 0.00	56.12 6.20 0.00	56.49 6.26 0.00	67.13 7.63 0.00	76.09 9.13 0.00	58.69 6.42 0.00	73.48 7.62 0.00	66.22 6.68 0.00	106.75 8.86 0.00	59.01 5.22 0.00	52.68 4.73 0.00	34.43 2.73 0.00	42.68 3.86 0.00	44.70 4.27 0.00	46.96 4.85 0.00	45.77 4.61 0.00	35.58 3.49 0.00	31.95 3.19 0.00	26.36 2.43 -0.24
LAWRNCALV_115KV_TB1 80681	58.56 0.70 0.00	52.36 0.52 0.00	51.69 0.37 0.00	51.85 0.26 0.00	49.00 0.36 0.00	51.80 0.46 0.00	50.61 0.70 0.00	51.00 0.77 0.00	60.40 0.90 0.00	67.77 0.80 0.00	52.97 0.69 0.00	66.42 0.57 0.00	58.88 -0.66 0.00	97.71 -0.19 0.00	53.71 -0.08 0.00	48.19 0.24 0.00	31.87 0.17 0.00	39.20 0.38 0.00	40.77 0.34 0.00	42.62 0.51 0.00	41.84 0.68 0.00	32.52 0.43 0.00	29.25 0.49 0.00	24.20 0.51 0.00
LEDERLE____ 23769	60.48 2.62 0.00	54.20 2.37 0.00	53.73 2.41 0.00	54.04 2.45 0.00	50.57 2.34 0.42	53.54 2.21 0.00	52.16 2.24 0.00	52.77 2.54 0.00	62.41 2.91 0.00	70.43 3.47 0.00	55.44 3.17 0.00	69.85 4.00 0.00	63.69 4.14 0.00	104.38 6.81 0.33	54.48 3.66 2.96	50.34 2.96 0.56	30.14 1.90 3.46	40.05 2.28 1.06	42.74 2.31 0.00	44.17 2.07 0.00	43.28 2.12 0.00	33.69 1.59 0.00	30.19 1.43 0.00	22.75 1.18 2.12
LIGHTHSE_115KV_TB6 355974	58.08 0.22 0.00	51.85 0.01 0.00	51.23 -0.08 0.00	51.46 -0.18 -0.05	48.38 -0.27 0.00	51.19 -0.14 0.00	49.84 -0.08 0.00	49.95 -0.28 0.00	59.12 -0.38 0.00	66.48 -0.48 0.00	51.77 -0.51 0.00	64.81 -1.04 0.00	58.49 -1.06 0.00	96.58 -1.32 0.00	52.85 -0.94 0.00	47.05 -0.90 0.00	31.22 -0.48 0.00	38.31 -0.52 0.00	39.82 -0.61 0.00	41.49 -0.61 0.00	41.04 -0.12 0.00	32.07 -0.02 0.00	28.69 -0.06 0.00	23.63 -0.06 0.00
LINDEN COGEN____ 23786	60.25 2.39 0.00	53.64 2.28 0.47	53.07 2.45 0.69	53.45 2.44 0.58	51.33 2.38 -0.30	53.14 2.18 0.37	52.18 2.26 0.00	52.64 2.59 0.17	55.46 2.87 6.90	57.27 3.26 12.95	52.10 3.13 3.32	61.46 3.78 8.17	63.54 4.00 0.00	102.36 6.40 1.95	68.27 3.32 -11.16	50.17 2.73 0.51	47.40 1.87 -13.83	45.35 2.31 -4.22	42.82 2.39 0.00	44.18 2.07 0.00	43.27 2.11 0.00	33.73 1.63 0.00	30.27 1.51 0.00	26.58 1.29 -1.61
LINDHRST_69_KV_BK1 356055	71.12 4.66 -8.60	66.77 4.22 -10.72	55.42 4.11 0.00	55.50 3.91 0.00	52.48 3.53 -0.30	54.72 3.38 0.00	53.22 3.30 0.00	53.71 3.49 0.00	63.40 3.90 0.00	72.59 5.45 -0.18	62.42 4.82 -5.33	74.30 5.74 -2.71	71.89 5.84 -6.51	144.17 9.31 -36.96	83.52 5.02 -24.70	58.15 3.98 -6.22	47.90 2.38 -13.83	45.83 2.79 -4.22	43.45 3.02 0.00	44.80 2.70 0.00	43.90 2.74 0.00	34.20 2.11 0.00	30.72 1.96 0.00	27.04 1.75 -1.60
LIPA_MISC_IPP 23656	64.43 3.76 -2.81	60.08 3.49 -4.76	54.73 3.42 0.00	54.85 3.26 0.00	51.82 2.88 -0.30	54.05 2.71 0.00	52.55 2.64 0.00	52.94 2.72 0.00	62.38 2.88 0.00	71.67 4.53 -0.18	59.63 4.25 -3.10	70.52 5.00 0.33	68.75 5.19 -4.01	132.31 8.13 -26.28	79.95 4.28 -21.88	54.37 3.18 -3.25	47.37 1.85 -13.83	45.23 2.19 -4.22	42.88 2.45 0.00	44.02 1.91 0.00	43.11 1.96 0.00	33.58 1.49 0.00	30.10 1.34 0.00	26.62 1.34 -1.60
LISF____SOLAR 323691	64.71 3.97 -2.89	60.32 3.66 -4.83	54.88 3.57 0.00	55.00 3.41 0.00	51.95 3.00 -0.30	54.18 2.84 0.00	52.68 2.76 0.00	53.07 2.85 0.00	62.55 3.05 0.00	71.86 4.71 -0.18	59.85 4.41 -3.16	70.75 5.20 0.30	68.97 5.39 -4.04	134.52 8.37 -28.25	80.46 4.47 -22.20	54.77 3.36 -3.46	47.48 1.96 -13.83	45.37 2.33 -4.22	43.00 2.57 0.00	44.15 2.04 0.00	43.24 2.08 0.00	33.67 1.58 0.00	30.18 1.42 0.00	26.67 1.39 -1.60
LITTLE FALLS____HYD 24013	59.17 1.30 0.00	53.00 1.16 0.00	52.81 1.50 0.00	53.23 1.64 0.00	50.27 1.62 0.00	52.96 1.62 0.00	51.26 1.34 0.00	51.76 1.53 0.00	61.11 1.61 0.00	68.92 1.96 0.00	53.70 1.42 0.00	67.38 1.52 0.00	60.94 1.40 0.00	99.69 1.80 0.00	54.76 0.97 0.00	48.60 0.65 0.00	32.27 0.57 0.00	39.46 0.63 0.00	40.98 0.55 0.00	42.71 0.61 0.00	41.80 0.64 0.00	32.63 0.54 0.00	29.21 0.46 0.00	23.93 0.25 0.00

LITTLRIV_115KV_TB1 356100	59.56 1.70 0.00	53.22 1.39 0.00	52.52 1.20 0.00	52.68 1.08 0.00	49.74 1.09 0.00	52.60 1.26 0.00	51.41 1.50 0.00	51.73 1.50 0.00	61.20 1.70 0.00	68.49 1.52 0.00	53.48 1.21 0.00	66.77 0.92 0.00	59.13 -0.41 0.00	98.38 0.49 0.00	54.16 0.38 0.00	48.60 0.65 0.00	32.29 0.60 0.00	39.74 0.92 0.00	41.19 0.76 0.00	43.07 0.96 0.00	42.57 1.41 0.00	33.09 0.99 0.00	29.73 0.97 0.00	24.56 0.87 0.00
LI_NEWBRDGE___DRP 323616	60.35 3.40 0.91	55.91 3.15 -0.93	54.39 3.08 0.00	54.55 2.96 0.00	51.67 2.72 -0.30	53.88 2.55 0.00	52.42 2.50 0.00	52.88 2.66 0.00	62.41 2.91 0.00	71.18 4.03 -0.18	57.28 3.62 -1.39	67.94 4.22 2.14	66.49 4.42 -2.52	105.37 6.94 -0.53	74.66 3.71 -17.15	50.35 2.88 0.48	47.29 1.76 -13.83	45.13 2.09 -4.22	42.72 2.29 0.00	44.04 1.94 0.00	43.17 2.02 0.00	33.66 1.57 0.00	30.23 1.47 0.00	26.63 1.35 -1.60
LOCKPORT_115KV_TB60_63_64 80432	57.25 -0.61 0.00	51.38 -0.46 0.00	50.48 -0.83 0.00	50.38 -1.21 0.00	47.14 -1.51 0.00	49.96 -1.38 0.00	48.53 -1.39 0.00	48.38 -1.85 0.00	56.89 -2.61 0.00	63.85 -3.11 0.00	48.83 -3.45 0.00	62.35 -3.50 0.00	55.52 -4.03 0.00	92.52 -5.38 0.00	50.76 -3.03 0.00	45.32 -2.63 0.00	29.44 -2.26 0.00	36.23 -2.59 0.00	37.65 -2.78 0.00	39.58 -2.53 0.00	38.78 -2.38 0.00	30.46 -1.64 0.00	27.25 -1.50 0.00	22.58 -1.10 0.00
LOCKPORT___CC1 323769	56.94 -0.92 0.00	51.17 -0.66 0.00	50.28 -1.04 0.00	50.17 -1.42 0.00	46.95 -1.70 0.00	49.76 -1.58 0.00	48.33 -1.59 0.00	48.21 -2.01 0.00	56.69 -2.81 0.00	63.61 -3.35 0.00	48.65 -3.62 0.00	62.15 -3.71 0.00	55.30 -4.24 0.00	92.26 -5.64 0.00	50.59 -3.20 0.00	45.18 -2.77 0.00	29.36 -2.33 0.00	36.14 -2.68 0.00	37.54 -2.89 0.00	39.42 -2.69 0.00	38.66 -2.50 0.00	30.37 -1.72 0.00	27.16 -1.60 0.00	22.52 -1.17 0.00
LOCKPORT___CC2 323770	56.94 -0.92 0.00	51.17 -0.66 0.00	50.28 -1.04 0.00	50.17 -1.42 0.00	46.95 -1.70 0.00	49.76 -1.58 0.00	48.33 -1.59 0.00	48.21 -2.01 0.00	56.69 -2.81 0.00	63.61 -3.35 0.00	48.65 -3.62 0.00	62.15 -3.71 0.00	55.30 -4.24 0.00	92.26 -5.64 0.00	50.59 -3.20 0.00	45.18 -2.77 0.00	29.36 -2.33 0.00	36.14 -2.68 0.00	37.54 -2.89 0.00	39.42 -2.69 0.00	38.66 -2.50 0.00	30.37 -1.72 0.00	27.16 -1.60 0.00	22.52 -1.17 0.00
LOCKPORT___CC3 323771	56.94 -0.92 0.00	51.17 -0.66 0.00	50.28 -1.04 0.00	50.17 -1.42 0.00	46.95 -1.70 0.00	49.76 -1.58 0.00	48.33 -1.59 0.00	48.21 -2.01 0.00	56.69 -2.81 0.00	63.61 -3.35 0.00	48.65 -3.62 0.00	62.15 -3.71 0.00	55.30 -4.24 0.00	92.26 -5.64 0.00	50.59 -3.20 0.00	45.18 -2.77 0.00	29.36 -2.33 0.00	36.14 -2.68 0.00	37.54 -2.89 0.00	39.42 -2.69 0.00	38.66 -2.50 0.00	30.37 -1.72 0.00	27.16 -1.60 0.00	22.52 -1.17 0.00
LOCUSVLY_69_KV_BK2 55797	77.46 3.86 -15.73	73.54 3.63 -18.07	54.92 3.60 0.00	55.06 3.47 0.00	52.17 3.22 -0.30	54.41 3.07 0.00	52.95 3.03 0.00	53.52 3.29 0.00	63.25 3.75 0.00	72.05 4.91 -0.18	63.54 4.39 -6.88	77.05 5.10 -6.09	74.11 5.27 -9.30	109.70 8.45 -3.34	78.96 4.55 -20.61	56.41 3.58 -4.88	47.74 2.21 -13.83	45.66 2.62 -4.22	43.23 2.80 0.00	44.57 2.46 0.00	43.66 2.51 0.00	34.05 1.96 0.00	30.57 1.81 0.00	26.87 1.59 -1.60
LONG_LAKE_PHOENIX 24014	56.93 -0.93 0.00	50.95 -0.89 0.00	50.32 -0.99 0.00	50.60 -1.07 -0.08	47.61 -1.04 0.00	50.21 -1.12 0.00	48.78 -1.14 0.00	48.98 -1.24 0.00	57.82 -1.68 0.00	64.91 -2.05 0.00	50.57 -1.71 0.00	63.63 -2.22 0.00	57.55 -2.00 0.00	94.72 -3.17 0.00	52.06 -1.73 0.00	46.46 -1.49 0.00	30.76 -0.94 0.00	37.68 -1.14 0.00	39.25 -1.18 0.00	40.95 -1.15 0.00	40.22 -0.94 0.00	31.49 -0.60 0.00	28.17 -0.58 0.00	23.18 -0.50 0.00
LOVETT___3 23632	60.03 2.16 0.00	53.82 1.99 0.00	53.38 2.07 0.00	53.69 2.10 0.00	50.22 2.01 0.45	53.20 1.86 0.00	51.80 1.88 0.00	52.39 2.16 0.00	61.92 2.42 0.00	69.84 2.87 0.00	54.99 2.72 0.00	69.23 3.37 0.00	63.07 3.53 0.00	103.21 5.74 0.43	52.91 3.07 3.94	49.66 2.46 0.75	28.70 1.61 4.60	39.34 1.92 1.40	42.39 1.96 0.00	43.80 1.70 0.00	42.92 1.76 0.00	33.43 1.34 0.00	29.97 1.22 0.00	22.45 1.02 2.26
LOVETT___4 23642	60.03 2.16 0.00	53.82 1.99 0.00	53.38 2.07 0.00	53.69 2.10 0.00	50.22 2.01 0.45	53.20 1.86 0.00	51.80 1.88 0.00	52.39 2.16 0.00	61.92 2.42 0.00	69.84 2.87 0.00	54.99 2.72 0.00	69.23 3.37 0.00	63.07 3.53 0.00	103.21 5.74 0.43	52.91 3.07 3.94	49.66 2.46 0.75	28.70 1.61 4.60	39.34 1.92 1.40	42.39 1.96 0.00	43.80 1.70 0.00	42.92 1.76 0.00	33.43 1.34 0.00	29.97 1.22 0.00	22.45 1.02 2.26
LOVETT___5 23593	60.03 2.16 0.00	53.82 1.99 0.00	53.38 2.07 0.00	53.69 2.10 0.00	50.22 2.01 0.45	53.20 1.86 0.00	51.80 1.88 0.00	52.39 2.16 0.00	61.92 2.42 0.00	69.84 2.87 0.00	54.99 2.72 0.00	69.23 3.37 0.00	63.07 3.53 0.00	103.21 5.74 0.43	52.91 3.07 3.94	49.66 2.46 0.75	28.70 1.61 4.60	39.34 1.92 1.40	42.39 1.96 0.00	43.80 1.70 0.00	42.92 1.76 0.00	33.43 1.34 0.00	29.97 1.22 0.00	22.45 1.02 2.26
LOWER RAQUET___HYD 24057	58.62 0.76 0.00	52.40 0.56 0.00	51.73 0.41 0.00	51.90 0.30 -0.01	49.08 0.43 0.00	51.90 0.56 0.00	50.72 0.79 0.00	51.08 0.85 0.00	60.49 1.00 0.00	67.82 0.85 0.00	52.99 0.71 0.00	66.40 0.54 0.00	58.80 -0.74 0.00	97.50 -0.39 0.00	53.60 -0.19 0.00	48.09 0.14 0.00	31.83 0.13 0.00	39.15 0.33 0.00	40.71 0.28 0.00	42.55 0.45 0.00	41.82 0.66 0.00	32.53 0.43 0.00	29.28 0.52 0.00	24.24 0.56 0.00
LOWER___HUDSON 24059	59.71 1.85 0.00	53.60 1.76 0.00	53.32 2.00 0.00	53.73 2.14 0.00	50.67 2.02 0.00	53.46 2.12 0.00	51.72 1.81 0.00	52.25 2.02 0.00	61.70 2.19 0.00	69.51 2.55 0.00	54.13 1.85 0.00	68.14 2.28 0.00	61.73 2.18 0.00	100.72 2.83 0.00	55.50 1.72 0.00	49.44 1.49 0.00	32.64 0.94 0.00	39.95 1.12 0.00	41.58 1.15 0.00	43.28 1.17 0.00	42.37 1.21 0.00	33.08 0.99 0.00	29.72 0.97 0.00	24.69 0.74 -0.27
LOWVILLE_115KV_TB2 356335	60.41 2.55 0.00	53.80 1.97 0.00	53.14 1.82 0.00	53.47 1.86 -0.02	50.17 1.53 0.00	53.24 1.91 0.00	51.97 2.06 0.00	52.00 1.77 0.00	61.74 2.24 0.00	69.61 2.64 0.00	54.31 2.04 0.00	67.80 1.95 0.00	60.77 1.22 0.00	100.22 2.32 0.00	54.86 1.07 0.00	48.91 0.96 0.00	32.52 0.82 0.00	39.91 1.08 0.00	41.38 0.95 0.00	43.14 1.03 0.00	42.72 1.56 0.00	33.31 1.22 0.00	29.68 0.92 0.00	24.54 0.85 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	60.83 2.97 0.00	54.48 2.65 0.00	54.09 2.78 0.00	54.52 2.93 0.00	51.38 2.73 0.00	54.23 2.89 0.00	52.59 2.67 0.00	53.01 2.79 0.00	62.67 3.18 0.00	70.63 3.67 0.00	54.96 2.69 0.00	69.13 3.27 0.00	62.45 2.90 0.00	101.99 4.10 0.00	56.17 2.38 0.00	50.08 2.13 0.00	33.03 1.33 0.00	40.49 1.67 0.00	42.18 1.75 0.00	43.93 1.82 0.00	43.05 1.89 0.00	33.55 1.46 0.00	30.12 1.36 0.00	24.99 1.06 -0.25

LUTHERNY_35_KV_BK2 355980	60.89 3.04 0.00	54.48 2.65 0.00	54.08 2.77 0.00	54.55 2.96 0.00	51.37 2.72 0.00	54.28 2.94 0.00	52.66 2.74 0.00	53.05 2.82 0.00	62.73 3.23 0.00	70.69 3.73 0.00	54.99 2.71 0.00	69.18 3.32 0.00	62.48 2.93 0.00	102.08 4.19 0.00	56.16 2.37 0.00	50.12 2.17 0.00	33.03 1.34 0.00	40.48 1.65 0.00	42.18 1.75 0.00	43.95 1.85 0.00	43.04 1.88 0.00	33.56 1.47 0.00	30.13 1.37 0.00	25.01 1.08 -0.25
LWR___OSWEGATCHIE_HYD 23850	59.46 1.60 0.00	53.02 1.19 0.00	52.36 1.04 0.00	52.58 0.98 -0.01	49.54 0.89 0.00	52.50 1.16 0.00	51.28 1.36 0.00	51.48 1.25 0.00	61.05 1.55 0.00	68.63 1.66 0.00	53.55 1.27 0.00	66.91 1.05 0.00	59.62 0.07 0.00	98.72 0.82 0.00	54.10 0.31 0.00	48.37 0.42 0.00	32.10 0.40 0.00	39.44 0.62 0.00	40.95 0.52 0.00	42.73 0.62 0.00	42.21 1.05 0.00	32.90 0.80 0.00	29.46 0.70 0.00	24.37 0.68 0.00
LYONS_FALL_HYD 23570	60.11 2.25 0.00	53.60 1.77 0.00	52.97 1.66 0.00	53.30 1.70 -0.01	50.10 1.45 0.00	53.06 1.72 0.00	51.74 1.82 0.00	51.88 1.65 0.00	61.55 2.05 0.00	69.36 2.40 0.00	54.08 1.80 0.00	67.74 1.88 0.00	60.85 1.31 0.00	100.38 2.48 0.00	54.96 1.17 0.00	48.96 1.01 0.00	32.52 0.82 0.00	39.89 1.06 0.00	41.43 1.00 0.00	43.20 1.09 0.00	42.56 1.40 0.00	33.19 1.10 0.00	29.60 0.84 0.00	24.42 0.74 0.00
MADISON___COUNTY_LFGE 323628	59.86 2.00 0.00	53.50 1.67 0.00	52.86 1.55 0.00	53.16 1.56 -0.01	50.07 1.42 0.00	52.88 1.54 0.00	51.49 1.57 0.00	51.73 1.50 0.00	61.33 1.83 0.00	69.01 2.04 0.00	53.71 1.44 0.00	67.57 1.71 0.00	60.88 1.33 0.00	100.51 2.61 0.00	55.03 1.25 0.00	48.98 1.03 0.00	32.51 0.81 0.00	39.83 1.01 0.00	41.48 1.06 0.00	43.25 1.15 0.00	42.36 1.21 0.00	33.04 0.94 0.00	29.51 0.75 0.00	24.26 0.58 0.00
MALONE___115KV_TB1 356076	58.91 1.05 0.00	52.76 0.93 0.00	52.08 0.76 0.00	52.23 0.64 0.00	49.28 0.63 0.00	52.03 0.69 0.00	50.76 0.84 0.00	51.20 0.98 0.00	60.68 1.18 0.00	68.20 1.24 0.00	53.19 0.91 0.00	66.77 0.91 0.00	59.97 0.43 0.00	98.77 0.87 0.00	54.37 0.58 0.00	48.82 0.87 0.00	32.21 0.51 0.00	39.68 0.86 0.00	41.33 0.90 0.00	43.24 1.13 0.00	42.34 1.18 0.00	32.84 0.75 0.00	29.44 0.68 0.00	24.29 0.60 0.00
MAPLEWOD_115KV_TB3 80458	59.27 1.41 0.00	53.26 1.42 0.00	53.06 1.75 0.00	53.43 1.84 0.00	50.42 1.77 0.00	53.17 1.83 0.00	51.36 1.45 0.00	51.89 1.66 0.00	61.25 1.75 0.00	68.97 2.00 0.00	53.78 1.51 0.00	67.71 1.85 0.00	61.37 1.83 0.00	100.27 2.37 0.00	55.21 1.42 0.00	49.15 1.20 0.00	32.53 0.84 0.00	39.76 0.93 0.00	41.34 0.91 0.00	42.99 0.88 0.00	42.08 0.92 0.00	32.90 0.81 0.00	29.55 0.79 0.00	24.55 0.60 -0.26
MAPLE_RIDGE_WT_1 323574	57.59 -0.27 0.00	51.58 -0.25 0.00	51.01 -0.30 0.00	51.26 -0.33 0.00	48.31 -0.34 0.00	51.09 -0.25 0.00	49.84 -0.08 0.00	50.09 -0.13 0.00	59.28 -0.22 0.00	66.79 -0.17 0.00	52.22 -0.06 0.00	65.81 -0.05 0.00	59.38 -0.17 0.00	97.74 -0.15 0.00	53.66 -0.13 0.00	47.86 -0.09 0.00	31.61 -0.09 0.00	38.71 -0.12 0.00	40.28 -0.15 0.00	41.99 -0.12 0.00	41.11 -0.05 0.00	31.92 -0.17 0.00	28.60 -0.16 0.00	23.58 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	57.59 -0.27 0.00	51.58 -0.25 0.00	51.01 -0.30 0.00	51.26 -0.33 0.00	48.31 -0.34 0.00	51.09 -0.25 0.00	49.84 -0.08 0.00	50.09 -0.13 0.00	59.28 -0.22 0.00	66.79 -0.17 0.00	52.22 -0.06 0.00	65.81 -0.05 0.00	59.38 -0.17 0.00	97.74 -0.15 0.00	53.66 -0.13 0.00	47.86 -0.09 0.00	31.61 -0.09 0.00	38.71 -0.12 0.00	40.28 -0.15 0.00	41.99 -0.12 0.00	41.11 -0.05 0.00	31.92 -0.17 0.00	28.60 -0.16 0.00	23.58 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	58.07 0.21 0.00	52.16 0.32 0.00	51.52 0.20 0.00	51.70 0.11 0.00	48.77 0.12 0.00	51.46 0.12 0.00	50.11 0.19 0.00	50.49 0.27 0.00	59.79 0.29 0.00	67.34 0.38 0.00	52.45 0.18 0.00	65.98 0.13 0.00	59.37 -0.17 0.00	97.82 -0.07 0.00	53.82 0.03 0.00	48.25 0.30 0.00	31.82 0.12 0.00	39.14 0.32 0.00	40.83 0.40 0.00	42.69 0.59 0.00	41.72 0.57 0.00	32.35 0.26 0.00	29.04 0.28 0.00	23.98 0.29 0.00
MARSHVLE_115KV_TB1 80742	61.55 3.68 0.00	55.03 3.20 0.00	54.23 2.91 0.00	54.42 2.83 0.00	51.22 2.57 0.00	54.15 2.81 0.00	52.89 2.97 0.00	53.11 2.88 0.00	63.17 3.67 0.00	71.11 4.15 0.00	55.59 3.32 0.00	69.55 3.69 0.00	62.24 2.69 0.00	102.96 5.06 0.00	56.48 2.69 0.00	50.44 2.49 0.00	33.43 1.74 0.00	41.04 2.21 0.00	42.74 2.31 0.00	44.64 2.54 0.00	43.68 2.52 0.00	33.94 1.85 0.00	30.33 1.58 0.00	24.94 1.25 0.00
MARSH_HILL_WT_PWR 323713	58.87 1.01 0.00	52.47 0.63 0.00	50.75 -0.56 0.00	50.50 -1.11 -0.01	46.96 -1.69 0.00	49.64 -1.70 0.00	48.18 -1.74 0.00	48.19 -2.04 0.00	57.00 -2.51 0.00	64.80 -2.16 0.00	50.28 -2.00 0.00	63.83 -2.02 0.00	56.88 -2.67 0.00	95.39 -2.50 0.00	52.55 -1.24 0.00	46.59 -1.36 0.00	30.52 -1.17 0.00	37.52 -1.30 0.00	38.84 -1.59 0.00	40.39 -1.72 0.00	39.87 -1.29 0.00	31.02 -1.08 0.00	27.53 -1.23 0.00	22.77 -0.92 0.00
MCINTYRE_115KV_TB2 80467	59.85 1.99 0.00	53.49 1.66 0.00	52.78 1.46 0.00	52.90 1.31 0.00	49.92 1.28 0.00	52.77 1.43 0.00	51.61 1.69 0.00	51.89 1.67 0.00	61.34 1.84 0.00	68.67 1.70 0.00	53.60 1.32 0.00	66.85 0.99 0.00	59.22 -0.32 0.00	98.87 0.97 0.00	54.41 0.62 0.00	48.83 0.89 0.00	32.49 0.80 0.00	39.97 1.15 0.00	41.41 0.98 0.00	43.31 1.20 0.00	42.89 1.73 0.00	33.30 1.20 0.00	29.87 1.11 0.00	24.64 0.95 0.00
MECO_____69_KV_BK1 80468	62.27 4.41 0.00	55.68 3.85 0.00	54.96 3.65 0.00	55.22 3.63 0.00	52.01 3.36 0.00	54.97 3.63 0.00	53.61 3.69 0.00	53.91 3.69 0.00	63.96 4.46 0.00	72.04 5.08 0.00	56.16 3.89 0.00	70.32 4.46 0.00	62.91 3.37 0.00	103.72 5.82 0.00	56.98 3.19 0.00	50.84 2.89 0.00	33.74 2.04 0.00	41.44 2.62 0.00	43.15 2.73 0.00	45.06 2.95 0.00	44.11 2.95 0.00	34.30 2.21 0.00	30.67 1.91 0.00	25.18 1.49 0.00
MENANDS___115KV_TB5 355628	58.73 0.87 0.00	52.82 0.99 0.00	52.69 1.38 0.00	53.09 1.50 0.00	50.10 1.45 0.00	52.82 1.48 0.00	50.99 1.08 0.00	51.52 1.29 0.00	60.79 1.29 0.00	68.44 1.48 0.00	53.39 1.11 0.00	67.21 1.35 0.00	60.98 1.43 0.00	99.61 1.71 0.00	54.84 1.06 0.00	48.82 0.87 0.00	32.33 0.63 0.00	39.49 0.67 0.00	41.05 0.62 0.00	42.68 0.58 0.00	41.76 0.61 0.00	32.68 0.59 0.00	29.35 0.60 0.00	24.41 0.46 -0.27
MG INDUSTRY___DRP 24185	57.80 -0.06 0.00	52.66 0.82 0.00	52.58 1.27 0.00	53.11 1.52 0.00	50.09 1.45 0.00	52.83 1.49 0.00	51.05 1.13 0.00	51.52 1.29 0.00	60.76 1.26 0.00	68.41 1.45 0.00	53.38 1.10 0.00	67.18 1.32 0.00	60.92 1.38 0.00	99.61 1.71 0.00	54.79 1.00 0.00	48.74 0.79 0.00	32.30 0.60 0.00	39.49 0.67 0.00	41.08 0.65 0.00	42.73 0.62 0.00	41.81 0.65 0.00	32.69 0.60 0.00	29.35 0.59 0.00	24.39 0.47 -0.24

MID___OSWEGATCHIE_HYD 23849	59.46 1.60 0.00	53.02 1.19 0.00	52.36 1.04 0.00	52.58 0.98 -0.01	49.54 0.89 0.00	52.50 1.16 0.00	51.28 1.36 0.00	51.48 1.25 0.00	61.05 1.55 0.00	68.63 1.66 0.00	53.55 1.27 0.00	66.91 1.05 0.00	59.62 0.07 0.00	98.72 0.82 0.00	54.10 0.31 0.00	48.37 0.42 0.00	32.10 0.40 0.00	39.44 0.62 0.00	40.95 0.52 0.00	42.73 0.62 0.00	42.21 1.05 0.00	32.90 0.80 0.00	29.46 0.70 0.00	24.37 0.68 0.00
MID___RAQUETTE_HYD 23851	58.62 0.76 0.00	52.40 0.56 0.00	51.73 0.41 0.00	51.90 0.30 -0.01	49.08 0.43 0.00	51.90 0.56 0.00	50.72 0.80 0.00	51.08 0.85 0.00	60.50 1.00 0.00	67.82 0.85 0.00	52.99 0.71 0.00	66.40 0.54 0.00	58.80 -0.75 0.00	97.50 -0.39 0.00	53.60 -0.19 0.00	48.08 0.13 0.00	31.83 0.13 0.00	39.15 0.33 0.00	40.71 0.28 0.00	42.55 0.45 0.00	41.82 0.66 0.00	32.53 0.43 0.00	29.28 0.52 0.00	24.24 0.56 0.00
MILLIKEN___1 23584	59.18 1.32 0.00	52.98 1.15 0.00	52.15 0.84 0.00	52.41 0.79 -0.03	49.39 0.75 0.00	52.18 0.84 0.00	50.79 0.87 0.00	50.95 0.72 0.00	60.35 0.85 0.00	67.90 0.93 0.00	52.65 0.37 0.00	66.25 0.39 0.00	60.00 0.46 0.00	98.94 1.04 0.00	54.23 0.44 0.00	48.28 0.33 0.00	31.98 0.29 0.00	39.13 0.30 0.00	40.75 0.32 0.00	42.46 0.36 0.00	41.74 0.58 0.00	32.53 0.44 0.00	29.04 0.28 0.00	23.88 0.20 0.00
MILLIKEN___2 23585	59.18 1.32 0.00	52.98 1.15 0.00	52.15 0.84 0.00	52.41 0.79 -0.03	49.39 0.75 0.00	52.18 0.84 0.00	50.79 0.87 0.00	50.95 0.72 0.00	60.35 0.85 0.00	67.90 0.93 0.00	52.65 0.37 0.00	66.25 0.39 0.00	60.00 0.46 0.00	98.94 1.04 0.00	54.23 0.44 0.00	48.28 0.33 0.00	31.98 0.29 0.00	39.13 0.30 0.00	40.75 0.32 0.00	42.46 0.36 0.00	41.74 0.58 0.00	32.53 0.44 0.00	29.04 0.28 0.00	23.88 0.20 0.00
MILLIKEN___DIESEL 23629	59.18 1.32 0.00	52.98 1.15 0.00	52.15 0.84 0.00	52.41 0.79 -0.03	49.39 0.75 0.00	52.18 0.84 0.00	50.79 0.87 0.00	50.95 0.72 0.00	60.35 0.85 0.00	67.90 0.93 0.00	52.65 0.37 0.00	66.25 0.39 0.00	60.00 0.46 0.00	98.94 1.04 0.00	54.23 0.44 0.00	48.28 0.33 0.00	31.98 0.29 0.00	39.13 0.30 0.00	40.75 0.32 0.00	42.46 0.36 0.00	41.74 0.58 0.00	32.53 0.44 0.00	29.04 0.28 0.00	23.88 0.20 0.00
MILLSEAT___LFGE 323607	58.76 0.90 0.00	52.68 0.84 0.00	51.70 0.39 0.00	51.57 -0.02 0.00	48.29 -0.36 0.00	51.20 -0.14 0.00	49.74 -0.18 0.00	49.69 -0.54 0.00	58.52 -0.99 0.00	65.63 -1.34 0.00	50.36 -1.91 0.00	64.59 -1.26 0.00	57.45 -2.09 0.00	95.52 -2.38 0.00	52.49 -1.30 0.00	46.88 -1.07 0.00	30.49 -1.20 0.00	37.34 -1.48 0.00	38.59 -1.84 0.00	40.64 -1.47 0.00	39.95 -1.21 0.00	31.35 -0.75 0.00	27.99 -0.77 0.00	23.14 -0.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	60.33 2.47 0.00	54.13 2.29 0.00	53.71 2.39 0.00	54.02 2.43 0.00	51.28 2.31 -0.31	53.52 2.18 0.00	52.10 2.18 0.00	52.70 2.47 0.00	62.29 2.79 0.00	70.24 3.27 0.00	55.29 3.02 0.00	69.57 3.71 0.00	63.40 3.86 0.00	105.31 6.18 -1.24	68.38 3.29 -11.30	52.77 2.67 -2.15	46.64 1.75 -13.19	44.95 2.10 -4.03	42.59 2.17 0.00	44.02 1.91 0.00	43.11 1.95 0.00	33.59 1.50 0.00	30.12 1.36 0.00	26.52 1.15 -1.69
MILLWOOD_13_KV_LOAD 356217	60.46 2.60 0.00	54.23 2.40 0.00	53.81 2.50 0.00	54.13 2.54 0.00	51.38 2.41 -0.31	53.62 2.29 0.00	52.22 2.30 0.00	52.81 2.58 0.00	62.42 2.92 0.00	70.41 3.44 0.00	55.43 3.15 0.00	69.71 3.86 0.00	63.54 4.00 0.00	105.58 6.45 -1.24	68.53 3.44 -11.30	52.91 2.81 -2.15	46.72 1.83 -13.19	45.06 2.20 -4.03	42.69 2.27 0.00	44.11 2.01 0.00	43.19 2.04 0.00	33.66 1.56 0.00	30.18 1.42 0.00	26.57 1.19 -1.69
MODEL_CITY_ENERGY 24167	56.87 -0.99 0.00	50.97 -0.86 0.00	50.14 -1.17 0.00	50.06 -1.53 0.00	46.84 -1.81 0.00	49.65 -1.69 0.00	48.21 -1.71 0.00	48.02 -2.20 0.00	56.43 -3.08 0.00	63.28 -3.68 0.00	48.38 -3.89 0.00	61.81 -4.04 0.00	55.00 -4.54 0.00	91.67 -6.23 0.00	50.24 -3.55 0.00	44.86 -3.09 0.00	29.15 -2.54 0.00	35.92 -2.90 0.00	37.32 -3.10 0.00	39.18 -2.92 0.00	38.40 -2.76 0.00	30.18 -1.91 0.00	27.04 -1.72 0.00	22.44 -1.24 0.00
MODERN_LFGE___ 323580	56.87 -0.99 0.00	50.97 -0.86 0.00	50.14 -1.17 0.00	50.06 -1.53 0.00	46.84 -1.81 0.00	49.65 -1.69 0.00	48.21 -1.71 0.00	48.02 -2.20 0.00	56.43 -3.08 0.00	63.28 -3.68 0.00	48.38 -3.89 0.00	61.81 -4.04 0.00	55.00 -4.54 0.00	91.67 -6.23 0.00	50.24 -3.55 0.00	44.86 -3.09 0.00	29.15 -2.54 0.00	35.92 -2.90 0.00	37.32 -3.10 0.00	39.18 -2.92 0.00	38.40 -2.76 0.00	30.18 -1.91 0.00	27.04 -1.72 0.00	22.44 -1.24 0.00
MOHAWK_PAPER___DRP 24187	59.27 1.41 0.00	53.26 1.42 0.00	53.06 1.75 0.00	53.43 1.84 0.00	50.42 1.77 0.00	53.17 1.83 0.00	51.36 1.45 0.00	51.89 1.66 0.00	61.25 1.75 0.00	68.97 2.00 0.00	53.78 1.51 0.00	67.71 1.85 0.00	61.37 1.83 0.00	100.27 2.37 0.00	55.21 1.42 0.00	49.15 1.20 0.00	32.53 0.84 0.00	39.76 0.93 0.00	41.34 0.91 0.00	42.99 0.88 0.00	42.08 0.92 0.00	32.90 0.81 0.00	29.55 0.79 0.00	24.55 0.60 -0.26
MOHICAN___35_KV_115KV_LD 80490	61.63 3.77 0.00	55.20 3.37 0.00	54.79 3.47 0.00	55.24 3.66 0.00	52.12 3.47 0.00	54.95 3.61 0.00	53.26 3.34 0.00	53.68 3.45 0.00	63.56 4.06 0.00	71.70 4.73 0.00	55.52 3.25 0.00	69.77 3.92 0.00	62.92 3.37 0.00	102.40 4.51 0.00	56.53 2.74 0.00	50.40 2.45 0.00	33.16 1.47 0.00	40.75 1.93 0.00	42.49 2.06 0.00	44.36 2.25 0.00	43.52 2.36 0.00	33.88 1.79 0.00	30.40 1.65 0.00	25.19 1.26 -0.24
MONGAUP___HYD 23641	60.44 2.58 0.00	54.42 2.59 0.00	53.84 2.53 0.00	54.14 2.55 0.00	50.81 2.42 0.26	53.73 2.39 0.00	52.30 2.39 0.00	52.74 2.52 0.00	62.43 2.93 0.00	70.40 3.44 0.00	54.78 2.50 0.00	69.04 3.18 0.00	63.00 3.46 0.00	103.65 5.86 0.11	55.58 2.82 1.03	50.15 2.40 0.20	32.08 1.58 1.20	40.40 1.95 0.37	42.44 2.01 0.00	43.97 1.86 0.00	43.08 1.92 0.00	33.52 1.43 0.00	30.01 1.25 0.00	23.39 1.01 1.30
MONTAUK___DIESEL 23721	64.74 4.04 -2.84	60.39 3.78 -4.78	55.67 4.36 0.00	56.83 5.23 0.00	53.44 4.50 -0.30	56.43 5.10 0.00	55.49 5.57 0.00	55.99 5.76 0.00	66.07 6.57 0.00	75.74 8.60 -0.18	62.76 7.36 -3.12	74.56 9.03 0.32	72.19 8.62 -4.02	138.59 13.83 -26.86	83.03 7.26 -21.98	57.07 5.81 -3.31	48.92 3.40 -13.83	46.86 3.82 -4.22	43.89 3.46 0.00	44.08 1.97 0.00	43.31 2.15 0.00	34.03 1.93 0.00	30.25 1.50 0.00	26.59 1.31 -1.60
MOONROAD_115KV_HARTFLD_TB1-2 355988	58.09 0.23 0.00	52.25 0.41 0.00	51.05 -0.26 0.00	50.96 -0.64 0.00	46.94 -1.71 0.00	49.84 -1.50 0.00	48.55 -1.37 0.00	48.42 -1.80 0.00	58.35 -1.16 0.00	66.51 -0.46 0.00	51.19 -1.08 0.00	64.50 -1.35 0.00	56.88 -2.66 0.00	95.44 -2.45 0.00	52.70 -1.09 0.00	46.93 -1.02 0.00	30.36 -1.34 0.00	36.98 -1.84 0.00	38.37 -2.06 0.00	40.46 -1.65 0.00	39.83 -1.33 0.00	30.94 -1.16 0.00	27.73 -1.03 0.00	22.90 -0.78 0.00

MORRIS_RIDGE___SOLAR 323848	57.90 0.04 0.00	51.73 -0.10 0.00	50.21 -1.11 0.00	50.19 -1.41 -0.01	46.93 -1.72 0.00	49.71 -1.63 0.00	48.32 -1.60 0.00	48.32 -1.91 0.00	57.14 -2.36 0.00	64.63 -2.34 0.00	49.89 -2.39 0.00	63.48 -2.38 0.00	56.56 -2.99 0.00	94.37 -3.53 0.00	51.93 -1.86 0.00	46.20 -1.75 0.00	30.27 -1.43 0.00	37.16 -1.66 0.00	38.42 -2.00 0.00	40.19 -1.92 0.00	39.69 -1.47 0.00	30.93 -1.17 0.00	27.55 -1.20 0.00	22.78 -0.91 0.00
MORTIMER_115KV_TB3 55949	58.30 0.44 0.00	52.16 0.33 0.00	51.27 -0.05 0.00	51.27 -0.32 0.00	48.15 -0.50 0.00	51.07 -0.27 0.00	49.67 -0.25 0.00	49.90 -0.32 0.00	58.85 -0.65 0.00	66.07 -0.89 0.00	51.07 -1.20 0.00	64.85 -1.01 0.00	58.25 -1.29 0.00	96.48 -1.42 0.00	52.99 -0.80 0.00	47.31 -0.64 0.00	31.03 -0.67 0.00	38.04 -0.79 0.00	39.51 -0.91 0.00	41.40 -0.70 0.00	40.55 -0.60 0.00	31.75 -0.35 0.00	28.32 -0.44 0.00	23.32 -0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	60.70 2.84 0.00	54.51 2.68 0.00	54.13 2.82 0.00	54.41 2.82 0.00	51.66 2.71 -0.30	53.88 2.54 0.00	52.51 2.59 0.00	53.12 2.90 0.00	62.78 3.28 0.00	70.73 3.76 0.00	55.78 3.51 0.00	70.06 4.20 0.00	63.84 4.30 0.00	106.09 6.90 -1.30	69.27 3.64 -11.84	53.21 3.01 -2.26	47.51 1.98 -13.83	45.48 2.43 -4.22	42.98 2.56 0.00	44.38 2.27 0.00	43.47 2.32 0.00	33.88 1.79 0.00	30.40 1.64 0.00	26.67 1.38 -1.60
MUNSVILLE_WIND_PWR 323609	62.69 4.83 0.00	55.96 4.13 0.00	55.01 3.70 0.00	55.35 3.74 -0.02	52.10 3.45 0.00	55.07 3.73 0.00	53.76 3.84 0.00	53.78 3.56 0.00	63.77 4.27 0.00	71.85 4.88 0.00	55.32 3.05 0.00	69.58 3.72 0.00	63.36 3.82 0.00	105.43 7.53 0.00	57.16 3.37 0.00	50.92 2.97 0.00	33.95 2.25 0.00	41.48 2.65 0.00	43.00 2.57 0.00	44.82 2.71 0.00	44.25 3.09 0.00	34.08 1.98 0.00	30.17 1.41 0.00	24.79 1.10 0.00
N SALMON___HYD 24042	58.91 1.05 0.00	52.76 0.93 0.00	52.08 0.76 0.00	52.23 0.64 0.00	49.28 0.63 0.00	52.03 0.69 0.00	50.76 0.84 0.00	51.20 0.98 0.00	60.68 1.18 0.00	68.20 1.24 0.00	53.19 0.91 0.00	66.77 0.92 0.00	59.97 0.43 0.00	98.77 0.87 0.00	54.37 0.58 0.00	48.82 0.87 0.00	32.21 0.51 0.00	39.68 0.86 0.00	41.33 0.90 0.00	43.24 1.13 0.00	42.34 1.18 0.00	32.84 0.75 0.00	29.44 0.68 0.00	24.29 0.60 0.00
N.AKRON__115KV_KNAPP 355671	58.33 0.47 0.00	52.30 0.46 0.00	51.34 0.03 0.00	51.24 -0.35 0.00	47.95 -0.70 0.00	50.83 -0.51 0.00	49.39 -0.53 0.00	49.32 -0.91 0.00	58.05 -1.45 0.00	65.12 -1.85 0.00	49.98 -2.30 0.00	64.44 -1.42 0.00	57.28 -2.26 0.00	95.25 -2.64 0.00	52.36 -1.43 0.00	46.74 -1.21 0.00	30.30 -1.40 0.00	36.97 -1.86 0.00	38.30 -2.13 0.00	40.34 -1.77 0.00	39.58 -1.58 0.00	31.07 -1.03 0.00	27.76 -1.00 0.00	22.96 -0.73 0.00
N.E_GEN_SANDY PD 24062	50.69 1.62 8.78	53.47 1.56 -0.08	53.15 1.84 0.00	53.53 1.93 0.00	50.56 1.84 -0.07	53.22 1.88 0.00	52.69 1.62 -1.15	52.89 1.92 -0.74	62.13 2.09 -0.54	69.58 2.49 -0.13	54.15 1.97 0.09	68.28 2.42 0.00	62.85 2.49 -0.81	97.27 3.33 3.95	55.89 1.94 -0.16	48.99 1.62 0.58	33.08 1.02 -0.37	40.15 1.22 -0.11	41.66 1.23 0.00	43.25 1.14 0.00	43.48 1.19 -1.14	32.73 0.95 0.31	29.69 0.94 0.00	24.87 0.75 -0.43
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	60.23 2.37 0.00	53.98 2.14 0.00	53.51 2.20 0.00	53.83 2.24 0.00	50.37 2.15 0.43	53.34 2.00 0.00	51.94 2.02 0.00	52.53 2.31 0.00	62.12 2.62 0.00	70.09 3.12 0.00	55.18 2.91 0.00	69.51 3.66 0.00	63.35 3.81 0.00	103.77 6.23 0.36	53.81 3.34 3.31	50.01 2.69 0.63	29.57 1.74 3.87	39.72 2.08 1.18	42.54 2.11 0.00	43.96 1.86 0.00	43.07 1.91 0.00	33.53 1.44 0.00	30.05 1.30 0.00	22.59 1.08 2.17
N.QUEENS_27_KV_LOAD 356247	60.64 2.78 0.00	54.68 2.85 0.00	54.45 3.14 0.00	54.47 2.88 0.00	51.75 2.81 -0.30	53.92 2.59 0.00	52.56 2.64 0.00	53.12 2.89 0.00	62.58 3.08 0.00	70.44 3.47 0.00	55.90 3.62 0.00	69.60 3.74 0.00	63.66 4.12 0.00	105.87 6.40 -1.57	69.07 3.44 -11.85	53.20 2.99 -2.26	47.59 2.06 -13.83	45.62 2.58 -4.22	42.98 2.55 0.00	44.34 2.24 0.00	43.63 2.48 0.00	34.06 1.97 0.00	30.60 1.84 0.00	26.79 1.50 -1.60
N.TROY___115KV_TB1 355778	59.71 1.86 0.00	53.60 1.76 0.00	53.32 2.00 0.00	53.73 2.14 0.00	50.67 2.02 0.00	53.46 2.12 0.00	51.73 1.81 0.00	52.25 2.02 0.00	61.70 2.20 0.00	69.51 2.55 0.00	54.13 1.86 0.00	68.14 2.28 0.00	61.73 2.18 0.00	100.72 2.82 0.00	55.50 1.72 0.00	49.44 1.49 0.00	32.64 0.94 0.00	39.95 1.12 0.00	41.58 1.15 0.00	43.27 1.17 0.00	42.37 1.21 0.00	33.08 0.99 0.00	29.72 0.97 0.00	24.69 0.73 -0.27
NARROWS_GT1_1 24228	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT1_2 24229	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT1_3 24230	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT1_4 24231	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT1_5 24232	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61

NARROWS_GT1_6 24233	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT1_7 24234	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT1_8 24235	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_1 24236	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_2 24237	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_3 24238	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_4 24239	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_5 24240	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_6 24241	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_7 24242	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NARROWS_GT2_8 24243	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.58 3.08 0.00	70.50 3.54 0.00	55.86 3.59 0.00	69.83 3.98 0.00	63.85 4.31 0.00	106.00 6.80 -1.30	69.02 3.38 -11.85	53.25 3.05 -2.25	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.51 0.00	43.81 2.65 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	59.62 1.76 0.00	53.76 1.93 0.00	53.67 2.36 0.00	54.18 2.59 0.00	51.07 2.42 0.00	53.90 2.56 0.00	52.06 2.14 0.00	52.49 2.26 0.00	62.03 2.53 0.00	69.91 2.95 0.00	54.40 2.13 0.00	68.53 2.67 0.00	62.17 2.63 0.00	101.50 3.60 0.00	55.66 1.87 0.00	49.49 1.54 0.00	32.89 1.19 0.00	40.13 1.31 0.00	41.73 1.30 0.00	43.42 1.32 0.00	42.47 1.31 0.00	33.20 1.10 0.00	29.76 1.00 0.00	24.43 0.74 0.00
NCHELSEA_115KV_TR2 355582	60.84 2.98 0.00	54.52 2.68 0.00	54.07 2.75 0.00	54.38 2.79 0.00	51.27 2.62 0.00	53.90 2.57 0.00	52.45 2.53 0.00	53.05 2.83 0.00	62.79 3.29 0.00	70.86 3.89 0.00	55.60 3.32 0.00	69.98 4.11 0.00	63.76 4.22 0.00	104.56 6.66 0.00	57.32 3.53 0.00	50.86 2.90 0.00	33.58 1.88 0.00	41.10 2.28 0.00	42.77 2.34 0.00	44.25 2.15 0.00	43.32 2.17 0.00	33.74 1.64 0.00	30.22 1.47 0.00	24.89 1.20 0.00
NEG CAPITAL___MECHNVIL 23645	60.93 3.07 0.00	54.60 2.76 0.00	54.19 2.88 0.00	54.62 3.02 0.00	51.48 2.82 0.00	54.33 2.99 0.00	52.66 2.74 0.00	53.12 2.89 0.00	62.79 3.29 0.00	70.76 3.79 0.00	55.08 2.80 0.00	69.31 3.45 0.00	62.62 3.08 0.00	102.27 4.37 0.00	56.33 2.54 0.00	50.21 2.26 0.00	33.13 1.43 0.00	40.59 1.77 0.00	42.28 1.85 0.00	44.02 1.91 0.00	43.13 1.97 0.00	33.62 1.53 0.00	30.17 1.41 0.00	25.03 1.09 -0.25
NEG CENTRAL_HIGH_ACRES 23767	57.34 -0.52 0.00	51.30 -0.53 0.00	50.43 -0.88 0.00	50.48 -1.12 0.00	47.45 -1.20 0.00	50.30 -1.04 0.00	48.93 -0.99 0.00	49.16 -1.06 0.00	58.03 -1.47 0.00	65.15 -1.81 0.00	50.41 -1.87 0.00	63.89 -1.97 0.00	57.49 -2.05 0.00	95.06 -2.84 0.00	52.19 -1.60 0.00	46.62 -1.33 0.00	30.64 -1.06 0.00	37.55 -1.27 0.00	39.05 -1.38 0.00	40.82 -1.29 0.00	40.02 -1.14 0.00	31.31 -0.78 0.00	27.92 -0.84 0.00	22.99 -0.70 0.00

NEG CENTRAL___DRP 24199	58.44 0.58 0.00	52.31 0.47 0.00	51.39 0.08 0.00	51.56 -0.05 -0.03	48.60 -0.05 0.00	51.35 0.01 0.00	49.90 -0.02 0.00	50.11 -0.11 0.00	59.30 -0.20 0.00	66.72 -0.25 0.00	51.66 -0.61 0.00	65.25 -0.61 0.00	58.89 -0.65 0.00	97.05 -0.85 0.00	53.34 -0.45 0.00	47.61 -0.33 0.00	31.48 -0.21 0.00	38.57 -0.25 0.00	40.09 -0.34 0.00	41.77 -0.34 0.00	41.05 -0.11 0.00	32.09 0.00 0.00	28.63 -0.13 0.00	23.56 -0.13 0.00
NEG CENTRAL___INDECK 23768	58.96 1.10 0.00	52.60 0.76 0.00	51.34 0.02 0.00	51.22 -0.37 0.00	48.00 -0.64 0.00	50.92 -0.42 0.00	49.56 -0.36 0.00	49.72 -0.51 0.00	58.60 -0.90 0.00	65.93 -1.04 0.00	51.04 -1.24 0.00	64.70 -1.16 0.00	57.73 -1.81 0.00	95.89 -2.01 0.00	52.72 -1.07 0.00	46.88 -1.07 0.00	30.83 -0.87 0.00	37.77 -1.05 0.00	39.21 -1.22 0.00	40.84 -1.27 0.00	40.46 -0.70 0.00	31.73 -0.37 0.00	28.19 -0.57 0.00	23.27 -0.41 0.00
NEG CENTRAL___SENECA 23627	58.75 0.89 0.00	52.55 0.72 0.00	51.53 0.22 0.00	51.68 0.07 -0.02	48.72 0.07 0.00	51.50 0.16 0.00	50.04 0.12 0.00	50.22 0.00 0.00	59.49 -0.01 0.00	66.96 -0.01 0.00	51.83 -0.45 0.00	65.59 -0.26 0.00	59.03 -0.51 0.00	97.38 -0.52 0.00	53.53 -0.26 0.00	47.77 -0.18 0.00	31.58 -0.12 0.00	38.70 -0.13 0.00	40.18 -0.25 0.00	41.87 -0.23 0.00	41.15 -0.01 0.00	32.16 0.06 0.00	28.66 -0.10 0.00	23.58 -0.11 0.00
NEG CENTRAL___STATE_STREET 24147	58.32 0.46 0.00	52.38 0.54 0.00	51.47 0.15 0.00	51.69 0.06 -0.04	48.81 0.17 0.00	51.58 0.24 0.00	50.15 0.23 0.00	50.35 0.13 0.00	59.61 0.11 0.00	67.00 0.03 0.00	51.85 -0.43 0.00	65.22 -0.63 0.00	59.20 -0.34 0.00	97.51 -0.38 0.00	53.54 -0.25 0.00	47.78 -0.17 0.00	31.64 -0.06 0.00	38.74 -0.09 0.00	40.29 -0.14 0.00	41.91 -0.19 0.00	41.27 0.11 0.00	32.21 0.12 0.00	28.77 0.02 0.00	23.69 0.00 0.00
NEG MILLWOOD___DRP 24198	60.95 3.09 0.00	54.64 2.81 0.00	54.21 2.89 0.00	54.50 2.91 0.00	51.48 2.75 -0.08	54.04 2.70 0.00	52.60 2.68 0.00	53.22 2.99 0.00	62.97 3.47 0.00	71.08 4.12 0.00	55.81 3.54 0.00	70.23 4.37 0.00	64.04 4.50 0.00	105.07 7.14 -0.03	57.86 3.80 -0.27	51.15 3.15 -0.05	34.04 2.02 -0.31	41.37 2.45 -0.10	42.96 2.53 0.00	44.42 2.31 0.00	43.45 2.29 0.00	33.83 1.74 0.00	30.31 1.56 0.00	25.42 1.28 -0.46
NEG NORTH_FLCN_SEA 23793	58.20 0.34 0.00	52.46 0.62 0.00	51.87 0.55 0.00	52.06 0.47 0.00	49.09 0.44 0.00	51.79 0.46 0.00	50.38 0.46 0.00	50.78 0.56 0.00	59.98 0.48 0.00	67.63 0.66 0.00	52.41 0.13 0.00	65.92 0.06 0.00	59.47 -0.07 0.00	97.73 -0.17 0.00	53.85 0.06 0.00	48.28 0.33 0.00	31.82 0.12 0.00	39.17 0.34 0.00	40.86 0.44 0.00	42.76 0.65 0.00	41.84 0.68 0.00	32.46 0.36 0.00	29.21 0.46 0.00	24.19 0.51 0.00
NEG NORTH_KES_CHATEGAY 23792	58.21 0.35 0.00	52.22 0.39 0.00	51.58 0.26 0.00	51.74 0.15 0.00	48.82 0.17 0.00	51.49 0.15 0.00	50.18 0.26 0.00	50.53 0.30 0.00	59.82 0.32 0.00	67.31 0.34 0.00	52.47 0.20 0.00	66.00 0.14 0.00	59.38 -0.16 0.00	97.86 -0.03 0.00	53.82 0.04 0.00	48.29 0.34 0.00	31.83 0.13 0.00	39.20 0.38 0.00	40.92 0.49 0.00	42.80 0.70 0.00	41.84 0.69 0.00	32.43 0.34 0.00	29.10 0.34 0.00	24.01 0.32 0.00
NEG NORTH___ALICE_FALLS 23915	58.70 0.84 0.00	52.78 0.95 0.00	52.16 0.85 0.00	52.33 0.74 0.00	49.35 0.70 0.00	52.08 0.74 0.00	50.68 0.76 0.00	51.07 0.85 0.00	60.38 0.89 0.00	67.97 1.00 0.00	52.70 0.43 0.00	66.32 0.47 0.00	59.85 0.31 0.00	98.29 0.39 0.00	54.13 0.34 0.00	48.60 0.65 0.00	32.03 0.33 0.00	39.48 0.66 0.00	41.19 0.77 0.00	43.10 0.99 0.00	42.17 1.01 0.00	32.71 0.62 0.00	29.37 0.61 0.00	24.26 0.57 0.00
NEG NORTH___LWR_SARANAC 23913	58.70 0.84 0.00	52.78 0.95 0.00	52.16 0.85 0.00	52.33 0.74 0.00	49.35 0.70 0.00	52.08 0.74 0.00	50.68 0.76 0.00	51.07 0.85 0.00	60.38 0.89 0.00	67.97 1.00 0.00	52.70 0.43 0.00	66.32 0.47 0.00	59.85 0.31 0.00	98.29 0.39 0.00	54.13 0.34 0.00	48.60 0.65 0.00	32.03 0.33 0.00	39.48 0.66 0.00	41.19 0.77 0.00	43.10 0.99 0.00	42.17 1.01 0.00	32.71 0.62 0.00	29.37 0.61 0.00	24.26 0.57 0.00
NEG NORTH___PLATTSBURG 23628	58.70 0.84 0.00	52.78 0.95 0.00	52.16 0.85 0.00	52.33 0.74 0.00	49.35 0.70 0.00	52.08 0.73 0.00	50.68 0.76 0.00	51.07 0.85 0.00	60.39 0.89 0.00	67.96 1.00 0.00	52.70 0.43 0.00	66.33 0.47 0.00	59.85 0.31 0.00	98.29 0.39 0.00	54.13 0.34 0.00	48.60 0.65 0.00	32.03 0.33 0.00	39.48 0.66 0.00	41.19 0.77 0.00	43.10 0.99 0.00	42.17 1.01 0.00	32.71 0.62 0.00	29.37 0.61 0.00	24.26 0.57 0.00
NEG WEST_LEA_LOCKPORT 23791	56.94 -0.92 0.00	51.18 -0.65 0.00	50.27 -1.05 0.00	50.18 -1.41 0.00	46.94 -1.71 0.00	49.76 -1.58 0.00	48.32 -1.60 0.00	48.21 -2.01 0.00	56.69 -2.81 0.00	63.61 -3.35 0.00	48.64 -3.63 0.00	62.14 -3.72 0.00	55.31 -4.24 0.00	92.23 -5.67 0.00	50.60 -3.19 0.00	45.19 -2.76 0.00	29.35 -2.35 0.00	36.13 -2.69 0.00	37.54 -2.88 0.00	39.46 -2.65 0.00	38.66 -2.50 0.00	30.37 -1.72 0.00	27.16 -1.60 0.00	22.51 -1.18 0.00
NEG WEST___LANCASTR 23811	57.51 -0.35 0.00	51.62 -0.22 0.00	50.57 -0.75 0.00	50.54 -1.05 0.00	47.30 -1.35 0.00	50.00 -1.34 0.00	48.73 -1.19 0.00	48.79 -1.43 0.00	57.54 -1.96 0.00	64.74 -2.22 0.00	49.64 -2.63 0.00	63.33 -2.53 0.00	56.55 -2.99 0.00	94.33 -3.57 0.00	51.73 -2.06 0.00	46.11 -1.84 0.00	30.04 -1.66 0.00	36.91 -1.92 0.00	38.35 -2.08 0.00	40.20 -1.91 0.00	39.40 -1.76 0.00	30.86 -1.23 0.00	27.58 -1.18 0.00	22.82 -0.87 0.00
NEG_PENN_ALLEGHNY 23528	58.57 0.71 0.00	52.49 0.66 0.00	51.69 0.38 0.00	52.07 0.46 -0.02	48.97 0.33 0.00	51.64 0.30 0.00	50.29 0.38 0.00	50.36 0.13 0.00	59.65 0.15 0.00	67.23 0.27 0.00	52.29 0.01 0.00	66.07 0.22 0.00	59.72 0.17 0.00	98.61 0.72 0.00	54.08 0.29 0.00	48.06 0.11 0.00	31.74 0.04 0.00	38.80 -0.02 0.00	40.37 -0.06 0.00	42.03 -0.08 0.00	41.26 0.11 0.00	32.13 0.04 0.00	28.73 -0.03 0.00	23.67 -0.01 0.00
NEG___GEN_MONROE 24207	58.91 1.05 0.00	52.80 0.97 0.00	51.89 0.57 0.00	51.79 0.21 0.00	48.60 -0.05 0.00	51.51 0.18 0.00	50.15 0.23 0.00	50.42 0.19 0.00	59.29 -0.21 0.00	66.51 -0.46 0.00	51.31 -0.97 0.00	65.31 -0.55 0.00	58.57 -0.97 0.00	96.95 -0.95 0.00	53.29 -0.51 0.00	47.57 -0.38 0.00	31.16 -0.53 0.00	38.17 -0.65 0.00	39.62 -0.81 0.00	41.53 -0.57 0.00	40.75 -0.41 0.00	31.92 -0.17 0.00	28.46 -0.29 0.00	23.44 -0.25 0.00
NEPA___ENERGY 23901	57.57 -0.29 0.00	51.80 -0.04 0.00	50.59 -0.73 0.00	50.77 -0.82 0.00	47.36 -1.29 0.00	49.99 -1.35 0.00	48.79 -1.13 0.00	48.45 -1.78 0.00	57.50 -2.00 0.00	65.00 -1.97 0.00	50.13 -2.15 0.00	64.05 -1.81 0.00	57.11 -2.43 0.00	95.43 -2.47 0.00	52.39 -1.40 0.00	46.44 -1.51 0.00	30.31 -1.39 0.00	37.07 -1.76 0.00	38.52 -1.91 0.00	40.31 -1.80 0.00	39.69 -1.47 0.00	30.90 -1.19 0.00	27.68 -1.08 0.00	22.87 -0.81 0.00

NEVERSINK___HYD 23608	59.77 1.92 0.00	53.46 1.63 0.00	52.91 1.60 0.00	53.22 1.63 0.00	50.09 1.52 0.08	52.78 1.45 0.00	51.38 1.46 0.00	51.83 1.61 0.00	61.41 1.91 0.00	69.37 2.41 0.00	54.39 2.11 0.00	68.52 2.66 0.00	62.43 2.89 0.00	102.41 4.54 0.03	55.86 2.36 0.29	49.82 1.92 0.05	32.64 1.27 0.33	40.25 1.52 0.10	41.94 1.51 0.00	43.46 1.35 0.00	42.54 1.38 0.00	33.09 1.00 0.00	29.62 0.86 0.00	23.99 0.69 0.39
NEWKRMKL_115KV_TB1 55635	58.46 0.60 0.00	52.58 0.75 0.00	52.49 1.18 0.00	52.89 1.30 0.00	49.92 1.27 0.00	52.62 1.28 0.00	50.78 0.86 0.00	51.30 1.08 0.00	60.52 1.02 0.00	68.15 1.18 0.00	53.17 0.89 0.00	66.93 1.08 0.00	60.73 1.19 0.00	99.25 1.35 0.00	54.63 0.84 0.00	48.63 0.68 0.00	32.25 0.55 0.00	39.37 0.55 0.00	40.90 0.47 0.00	42.52 0.41 0.00	41.60 0.44 0.00	32.57 0.47 0.00	29.24 0.48 0.00	24.31 0.36 -0.26
NEWTON___FALLS_HYD 23847	59.46 1.60 0.00	53.02 1.19 0.00	52.36 1.04 0.00	52.58 0.98 -0.01	49.54 0.89 0.00	52.50 1.16 0.00	51.28 1.36 0.00	51.48 1.25 0.00	61.05 1.55 0.00	68.63 1.66 0.00	53.55 1.27 0.00	66.91 1.05 0.00	59.62 0.07 0.00	98.72 0.82 0.00	54.10 0.31 0.00	48.37 0.42 0.00	32.10 0.40 0.00	39.44 0.62 0.00	40.95 0.52 0.00	42.73 0.62 0.00	42.21 1.05 0.00	32.90 0.80 0.00	29.46 0.70 0.00	24.37 0.68 0.00
NGRID_A1_DSASP 323792	56.43 -1.43 0.00	50.84 -0.99 0.00	49.76 -1.55 0.00	49.57 -2.02 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.01 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.47 -6.42 0.00	50.10 -3.69 0.00	44.82 -3.12 0.00	29.10 -2.59 0.00	35.89 -2.93 0.00	37.32 -3.10 0.00	39.16 -2.94 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.88 -1.88 0.00	22.31 -1.37 0.00
NGRID_A2_DSASP 323793	56.43 -1.43 0.00	50.84 -0.99 0.00	49.76 -1.55 0.00	49.57 -2.02 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.01 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.47 -6.42 0.00	50.10 -3.69 0.00	44.82 -3.12 0.00	29.10 -2.59 0.00	35.89 -2.93 0.00	37.32 -3.10 0.00	39.16 -2.94 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.88 -1.88 0.00	22.31 -1.37 0.00
NGRID_A4_DSASP 323807	56.43 -1.43 0.00	50.84 -0.99 0.00	49.76 -1.55 0.00	49.57 -2.02 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.01 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.47 -6.42 0.00	50.10 -3.69 0.00	44.82 -3.12 0.00	29.10 -2.59 0.00	35.89 -2.93 0.00	37.32 -3.10 0.00	39.16 -2.94 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.88 -1.88 0.00	22.31 -1.37 0.00
NIAGARA_115E_LBMP 323715	56.68 -1.18 0.00	50.75 -1.09 0.00	49.96 -1.36 0.00	49.90 -1.69 0.00	46.69 -1.96 0.00	49.48 -1.86 0.00	48.04 -1.87 0.00	47.81 -2.42 0.00	56.16 -3.34 0.00	62.99 -3.97 0.00	48.13 -4.14 0.00	61.51 -4.34 0.00	54.73 -4.82 0.00	91.18 -6.71 0.00	49.96 -3.83 0.00	44.61 -3.34 0.00	28.98 -2.72 0.00	35.72 -3.10 0.00	37.15 -3.28 0.00	38.99 -3.11 0.00	38.19 -2.97 0.00	30.02 -2.08 0.00	26.92 -1.84 0.00	22.36 -1.33 0.00
NIAGARA_115W_LBMP 323714	56.32 -1.54 0.00	50.76 -1.08 0.00	49.67 -1.65 0.00	49.46 -2.13 0.00	46.33 -2.32 0.00	49.06 -2.27 0.00	47.58 -2.34 0.00	47.57 -2.65 0.00	55.90 -3.60 0.00	62.69 -4.27 0.00	47.89 -4.39 0.00	61.24 -4.62 0.00	54.56 -4.99 0.00	91.26 -6.64 0.00	50.00 -3.79 0.00	44.73 -3.22 0.00	29.04 -2.65 0.00	35.81 -3.01 0.00	37.24 -3.19 0.00	39.08 -3.03 0.00	38.25 -2.91 0.00	30.07 -2.02 0.00	26.83 -1.93 0.00	22.27 -1.41 0.00
NIAGARA_230_LBMP 323716	56.66 -1.20 0.00	50.88 -0.96 0.00	49.95 -1.36 0.00	49.85 -1.75 0.00	46.68 -1.97 0.00	49.43 -1.90 0.00	48.00 -1.92 0.00	47.98 -2.24 0.00	56.40 -3.10 0.00	63.25 -3.71 0.00	48.37 -3.90 0.00	61.81 -4.04 0.00	55.09 -4.46 0.00	92.03 -5.87 0.00	50.43 -3.36 0.00	45.10 -2.85 0.00	29.30 -2.40 0.00	36.11 -2.71 0.00	37.54 -2.88 0.00	39.37 -2.74 0.00	38.55 -2.61 0.00	30.30 -1.80 0.00	27.06 -1.69 0.00	22.45 -1.24 0.00
NIAGARA___115KV_198_GIBSON 55903	56.32 -1.54 0.00	50.73 -1.10 0.00	49.67 -1.65 0.00	49.46 -2.13 0.00	46.33 -2.32 0.00	49.06 -2.28 0.00	47.58 -2.34 0.00	47.57 -2.66 0.00	55.90 -3.60 0.00	62.68 -4.28 0.00	47.89 -4.39 0.00	61.24 -4.62 0.00	54.55 -4.99 0.00	91.23 -6.67 0.00	50.01 -3.78 0.00	44.74 -3.21 0.00	29.03 -2.67 0.00	35.80 -3.03 0.00	37.25 -3.18 0.00	39.11 -3.00 0.00	38.25 -2.91 0.00	30.07 -2.02 0.00	26.83 -1.93 0.00	22.26 -1.42 0.00
NIAGARA____ 23760	56.66 -1.20 0.00	50.88 -0.96 0.00	49.95 -1.36 0.00	49.85 -1.75 0.00	46.68 -1.97 0.00	49.43 -1.90 0.00	48.00 -1.92 0.00	47.98 -2.24 0.00	56.40 -3.10 0.00	63.25 -3.71 0.00	48.37 -3.90 0.00	61.81 -4.04 0.00	55.09 -4.46 0.00	92.03 -5.87 0.00	50.43 -3.36 0.00	45.10 -2.85 0.00	29.30 -2.40 0.00	36.11 -2.71 0.00	37.54 -2.88 0.00	39.37 -2.74 0.00	38.55 -2.61 0.00	30.30 -1.80 0.00	27.06 -1.69 0.00	22.45 -1.24 0.00
NINE_MILE_1 23575	56.18 -1.68 0.00	50.29 -1.54 0.00	49.69 -1.62 0.00	49.62 -1.72 0.25	47.03 -1.62 0.00	49.62 -1.72 0.00	48.20 -1.72 0.00	48.43 -1.80 0.00	57.19 -2.31 0.00	64.27 -2.70 0.00	50.08 -2.20 0.00	63.08 -2.77 0.00	57.05 -2.50 0.00	93.86 -4.04 0.00	51.58 -2.20 0.00	46.01 -1.94 0.00	30.45 -1.25 0.00	37.29 -1.53 0.00	38.83 -1.60 0.00	40.49 -1.62 0.00	39.71 -1.45 0.00	31.07 -1.03 0.00	27.81 -0.95 0.00	22.90 -0.79 0.00
NINE_MILE_2 23744	56.18 -1.68 0.00	50.29 -1.54 0.00	49.70 -1.62 0.00	49.62 -1.72 0.25	47.03 -1.62 0.00	49.62 -1.72 0.00	48.20 -1.72 0.00	48.43 -1.80 0.00	57.19 -2.31 0.00	64.27 -2.70 0.00	50.08 -2.20 0.00	63.08 -2.77 0.00	57.05 -2.50 0.00	93.86 -4.04 0.00	51.58 -2.20 0.00	46.01 -1.94 0.00	30.45 -1.25 0.00	37.29 -1.53 0.00	38.83 -1.60 0.00	40.49 -1.61 0.00	39.71 -1.45 0.00	31.07 -1.03 0.00	27.81 -0.94 0.00	22.90 -0.78 0.00
NM_CAPITAL___DRP 24208	58.56 0.70 0.00	52.68 0.84 0.00	52.56 1.25 0.00	52.98 1.39 0.00	49.99 1.34 0.00	52.70 1.36 0.00	50.87 0.95 0.00	51.39 1.16 0.00	60.65 1.14 0.00	68.27 1.31 0.00	53.26 0.98 0.00	67.05 1.19 0.00	60.83 1.29 0.00	99.36 1.46 0.00	54.72 0.93 0.00	48.70 0.75 0.00	32.27 0.57 0.00	39.41 0.59 0.00	40.95 0.52 0.00	42.57 0.47 0.00	41.67 0.51 0.00	32.61 0.51 0.00	29.29 0.53 0.00	24.36 0.40 -0.27
NM_CENTRAL___DRP 24181	57.39 -0.47 0.00	51.36 -0.47 0.00	50.70 -0.61 0.00	50.92 -0.69 -0.02	47.96 -0.69 0.00	50.62 -0.72 0.00	49.21 -0.71 0.00	49.43 -0.79 0.00	58.32 -1.18 0.00	65.56 -1.41 0.00	51.13 -1.15 0.00	64.42 -1.43 0.00	58.25 -1.29 0.00	95.93 -1.96 0.00	52.67 -1.12 0.00	46.97 -0.98 0.00	31.08 -0.62 0.00	38.05 -0.77 0.00	39.61 -0.82 0.00	41.30 -0.80 0.00	40.51 -0.64 0.00	31.69 -0.41 0.00	28.32 -0.44 0.00	23.31 -0.38 0.00

NM_FRONTIER___DRP 24179	56.32 -1.54 0.00	50.73 -1.10 0.00	49.67 -1.65 0.00	49.46 -2.13 0.00	46.33 -2.32 0.00	49.06 -2.28 0.00	47.58 -2.34 0.00	47.57 -2.66 0.00	55.90 -3.60 0.00	62.68 -4.28 0.00	47.89 -4.39 0.00	61.24 -4.62 0.00	54.55 -4.99 0.00	91.23 -6.67 0.00	50.01 -3.78 0.00	44.74 -3.21 0.00	29.03 -2.67 0.00	35.80 -3.03 0.00	37.25 -3.18 0.00	39.11 0.00 0.00	38.25 -2.91 0.00	30.07 -2.02 0.00	26.83 -1.93 0.00	22.26 -1.42 0.00
NM_ST_REGIS___HYD 24053	58.74 0.88 0.00	52.53 0.70 0.00	51.84 0.53 0.00	52.01 0.42 0.00	49.15 0.50 0.00	51.96 0.62 0.00	50.77 0.84 0.00	51.15 0.93 0.00	60.58 1.07 0.00	67.93 0.97 0.00	53.05 0.77 0.00	66.49 0.64 0.00	59.09 -0.45 0.00	97.87 -0.03 0.00	53.80 0.01 0.00	48.30 0.35 0.00	31.93 0.24 0.00	39.31 0.49 0.00	40.88 0.45 0.00	42.76 0.65 0.00	41.99 0.83 0.00	32.64 0.54 0.00	29.35 0.59 0.00	24.27 0.59 0.00
NORTHPORT___1 23551	63.05 3.11 -2.08	58.92 3.09 -4.01	54.39 3.08 0.00	54.47 2.87 0.00	51.53 2.59 -0.30	53.69 2.36 0.00	52.20 2.29 0.00	52.56 2.33 0.00	61.84 2.33 0.00	70.84 3.70 -0.18	57.67 3.39 -2.00	68.79 3.62 0.69	67.16 3.89 -3.72	87.79 6.19 16.29	71.99 3.19 -15.01	48.95 2.31 1.31	46.84 1.33 -13.82	44.60 1.56 -4.21	42.26 1.83 0.00	43.57 1.46 0.00	42.71 1.55 0.00	33.35 1.26 0.00	30.03 1.27 0.00	26.56 1.28 -1.60
NORTHPORT___2 23552	63.05 3.11 -2.08	58.92 3.09 -4.01	54.39 3.08 0.00	54.47 2.87 0.00	51.53 2.59 -0.30	53.69 2.36 0.00	52.20 2.29 0.00	52.56 2.33 0.00	61.84 2.33 0.00	70.84 3.70 -0.18	57.67 3.39 -2.00	68.79 3.62 0.69	67.16 3.89 -3.72	87.79 6.19 16.29	71.99 3.19 -15.01	48.95 2.31 1.31	46.84 1.33 -13.82	44.60 1.56 -4.21	42.26 1.83 0.00	43.57 1.46 0.00	42.71 1.55 0.00	33.35 1.26 0.00	30.03 1.27 0.00	26.56 1.28 -1.60
NORTHPORT___3 23553	63.23 3.42 -1.95	58.99 3.29 -3.87	54.59 3.28 0.00	54.71 3.12 0.00	51.80 2.85 -0.30	53.98 2.64 0.00	52.49 2.57 0.00	52.87 2.64 0.00	62.25 2.75 0.00	71.19 4.05 -0.18	58.18 3.60 -2.31	69.07 3.96 0.75	67.43 4.21 -3.67	105.24 6.28 -1.06	75.02 3.50 -17.74	50.94 2.57 -0.42	47.05 1.53 -13.83	44.85 1.81 -4.22	42.49 2.06 0.00	43.82 1.71 0.00	42.93 1.77 0.00	33.49 1.40 0.00	30.14 1.39 0.00	26.63 1.34 -1.60
NORTHPORT___4 23650	63.23 3.42 -1.95	58.99 3.29 -3.87	54.59 3.28 0.00	54.71 3.12 0.00	51.80 2.85 -0.30	53.98 2.64 0.00	52.49 2.57 0.00	52.87 2.64 0.00	62.25 2.75 0.00	71.19 4.05 -0.18	58.18 3.60 -2.31	69.07 3.96 0.75	67.43 4.21 -3.67	105.24 6.28 -1.06	75.02 3.50 -17.74	50.94 2.57 -0.42	47.05 1.53 -13.83	44.85 1.81 -4.22	42.49 2.06 0.00	43.82 1.71 0.00	42.93 1.77 0.00	33.49 1.40 0.00	30.14 1.39 0.00	26.63 1.34 -1.60
NORTHPORT___IC 23718	63.05 3.11 -2.08	58.93 3.09 -4.01	54.40 3.08 0.00	54.47 2.88 0.00	51.54 2.59 -0.30	53.69 2.36 0.00	52.21 2.29 0.00	52.56 2.33 0.00	61.84 2.34 0.00	70.84 3.70 -0.18	57.66 3.38 -2.00	68.79 3.62 0.69	67.16 3.89 -3.72	87.86 6.26 16.29	72.00 3.20 -15.01	48.95 2.31 1.31	46.84 1.33 -13.82	44.60 1.56 -4.21	42.26 1.83 0.00	43.57 1.46 0.00	42.71 1.55 0.00	33.35 1.26 0.00	30.03 1.27 0.00	26.57 1.29 -1.60
NORTH___COUNTRY_ESR 323785	58.06 0.20 0.00	52.09 0.25 0.00	51.44 0.13 0.00	51.61 0.02 0.00	48.68 0.04 0.00	51.36 0.03 0.00	50.05 0.13 0.00	50.43 0.20 0.00	59.77 0.27 0.00	67.29 0.32 0.00	52.46 0.19 0.00	65.98 0.13 0.00	59.37 -0.17 0.00	97.85 -0.05 0.00	53.82 0.03 0.00	48.28 0.33 0.00	31.83 0.13 0.00	39.17 0.34 0.00	40.85 0.42 0.00	42.73 0.62 0.00	41.75 0.59 0.00	32.33 0.24 0.00	29.02 0.26 0.00	23.95 0.26 0.00
NPX_GEN_1385_PROXY 323591	54.90 2.24 5.21	58.32 2.48 -4.01	54.20 2.88 0.00	54.42 2.83 0.00	51.53 2.59 -0.30	53.52 2.18 0.00	52.35 2.43 0.00	52.93 2.71 0.00	61.85 2.35 0.00	71.15 4.01 -0.18	57.76 3.48 -2.00	69.00 3.14 -0.01	66.61 3.34 -3.72	86.56 4.96 16.29	63.29 2.35 -7.15	-256.22 1.45 305.61	-110.43 0.76 142.88	43.99 0.95 -4.21	42.04 1.61 0.00	43.70 1.59 0.00	43.28 1.89 -0.23	32.51 1.43 1.01	29.72 0.97 0.00	26.33 1.05 -1.60
NPX_GEN_CSC 323557	56.96 3.57 4.47	59.89 3.30 -4.76	54.55 3.24 0.00	54.68 3.09 0.00	51.64 2.69 -0.30	53.89 2.55 0.00	52.43 2.51 0.00	52.80 2.58 0.00	62.26 2.76 0.00	71.56 4.42 -0.18	59.57 4.19 -3.10	71.15 4.93 -0.36	68.69 5.13 -4.02	127.68 8.01 -21.77	78.10 4.25 -20.06	53.13 3.11 -2.07	47.32 1.79 -13.83	45.16 2.12 -4.22	42.77 2.35 0.00	43.88 1.77 0.00	43.19 1.80 -0.23	32.45 1.36 1.01	29.97 1.21 0.00	26.49 1.20 -1.60
NSINS_S_GLNS_FALLS 23858	61.52 3.66 0.00	55.08 3.25 0.00	54.66 3.35 0.00	55.13 3.54 0.00	51.99 3.35 0.00	54.83 3.49 0.00	53.13 3.21 0.00	53.55 3.33 0.00	63.40 3.90 0.00	71.52 4.56 0.00	55.37 3.09 0.00	69.61 3.75 0.00	62.74 3.20 0.00	102.16 4.26 0.00	56.37 2.58 0.00	50.29 2.34 0.00	33.09 1.39 0.00	40.66 1.84 0.00	42.39 1.96 0.00	44.23 2.13 0.00	43.43 2.27 0.00	33.80 1.70 0.00	30.32 1.56 0.00	25.13 1.20 -0.24
NUCOR_STEEL___DRP 24197	58.21 0.35 0.00	52.30 0.47 0.00	51.40 0.08 0.00	51.63 0.00 -0.04	48.77 0.12 0.00	51.53 0.19 0.00	50.09 0.17 0.00	50.30 0.07 0.00	59.51 0.01 0.00	66.88 -0.09 0.00	51.72 -0.56 0.00	65.08 -0.78 0.00	59.07 -0.48 0.00	97.28 -0.62 0.00	53.44 -0.35 0.00	47.68 -0.27 0.00	31.57 -0.13 0.00	38.65 -0.17 0.00	40.24 -0.19 0.00	41.86 -0.25 0.00	41.20 0.04 0.00	32.13 0.04 0.00	28.75 -0.01 0.00	23.67 -0.01 0.00
NUMBER_THREE_WT_PWR 323818	60.38 2.52 0.00	53.75 1.92 0.00	53.09 1.78 0.00	53.42 1.82 -0.02	50.12 1.47 0.00	53.20 1.87 0.00	51.93 2.01 0.00	51.95 1.72 0.00	61.69 2.19 0.00	69.57 2.61 0.00	54.27 2.00 0.00	67.75 1.89 0.00	60.71 1.17 0.00	100.19 2.29 0.00	54.81 1.02 0.00	48.86 0.91 0.00	32.49 0.80 0.00	39.85 1.03 0.00	41.34 0.91 0.00	43.09 0.98 0.00	42.69 1.53 0.00	33.29 1.19 0.00	29.65 0.89 0.00	24.53 0.85 0.00
NYISO_LBMP_REFERENCE 24008	57.86 0.00 0.00	51.83 0.00 0.00	51.31 0.00 0.00	51.59 0.00 0.00	48.65 0.00 0.00	51.34 0.00 0.00	49.92 0.00 0.00	50.23 0.00 0.00	59.50 0.00 0.00	66.96 0.00 0.00	52.28 0.00 0.00	65.86 0.00 0.00	59.54 0.00 0.00	97.90 0.00 0.00	53.79 0.00 0.00	47.95 0.00 0.00	31.70 0.00 0.00	38.82 0.00 0.00	40.43 0.00 0.00	42.11 0.00 0.00	41.16 0.00 0.00	32.09 0.00 0.00	28.76 0.00 0.00	23.68 0.00 0.00
NYPA_BRENTWD____GT 24164	66.03 4.43 -3.73	61.67 4.14 -5.70	55.34 4.03 0.00	55.40 3.81 0.00	52.37 3.43 -0.30	54.60 3.26 0.00	53.10 3.18 0.00	53.51 3.28 0.00	63.05 3.55 0.00	72.31 5.17 -0.18	64.15 4.62 -7.26	71.19 5.23 -0.11	69.26 5.34 -4.38	323.76 8.80 -217.06	110.57 4.56 -52.21	74.34 3.50 -22.90	47.52 2.00 -13.83	45.50 2.45 -4.22	43.20 2.78 0.00	44.58 2.47 0.00	43.65 2.49 0.00	34.02 1.93 0.00	30.55 1.79 0.00	26.95 1.67 -1.60

NYPA_GOWANUS____GT5 24156	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.57 3.08 0.00	70.50 3.54 0.00	55.84 3.56 0.00	69.81 3.96 0.00	63.84 4.29 0.00	105.96 6.77 -1.30	69.01 3.37 -11.85	53.24 3.04 -2.25	47.74 2.21 -13.83	45.68 2.63 -4.22	43.16 2.73 0.00	44.60 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NYPA_GOWANUS____GT6 24157	60.69 2.82 0.00	54.48 2.64 0.00	54.23 2.91 0.00	54.31 2.73 0.00	51.69 2.74 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.07 2.84 0.00	62.57 3.08 0.00	70.50 3.54 0.00	55.84 3.56 0.00	69.81 3.96 0.00	63.84 4.29 0.00	105.96 6.77 -1.30	69.01 3.37 -11.85	53.24 3.04 -2.25	47.74 2.21 -13.83	45.68 2.63 -4.22	43.16 2.73 0.00	44.60 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.63 1.87 0.00	26.83 1.54 -1.61
NYPA_HARLEM__RVR__GT1 24160	60.48 2.62 0.00	54.53 2.70 0.00	54.30 2.98 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.80 2.46 0.00	52.44 2.52 0.00	52.99 2.76 0.00	62.41 2.91 0.00	70.24 3.27 0.00	55.73 3.45 0.00	69.42 3.56 0.00	63.49 3.95 0.00	105.31 6.12 -1.30	68.90 3.26 -11.85	53.04 2.84 -2.25	47.50 1.97 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.25 2.14 0.00	43.52 2.37 0.00	33.97 1.88 0.00	30.52 1.76 0.00	26.73 1.44 -1.60
NYPA_HARLEM__RVR__GT2 24161	60.48 2.62 0.00	54.53 2.70 0.00	54.30 2.98 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.80 2.46 0.00	52.44 2.52 0.00	52.99 2.76 0.00	62.41 2.91 0.00	70.24 3.27 0.00	55.73 3.45 0.00	69.42 3.56 0.00	63.49 3.95 0.00	105.31 6.12 -1.30	68.90 3.26 -11.85	53.04 2.84 -2.25	47.50 1.97 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.25 2.14 0.00	43.52 2.37 0.00	33.97 1.88 0.00	30.52 1.76 0.00	26.73 1.44 -1.60
NYPA_KENT____GT 24152	60.63 2.77 0.00	54.47 2.64 0.00	54.22 2.90 0.00	54.35 2.76 0.00	51.68 2.73 -0.30	53.83 2.49 0.00	52.47 2.55 0.00	53.09 2.86 0.00	62.59 3.09 0.00	70.46 3.50 0.00	55.83 3.55 0.00	69.79 3.93 0.00	63.76 4.21 0.00	105.83 6.63 -1.30	69.00 3.37 -11.85	53.18 2.97 -2.25	47.66 2.13 -13.83	45.64 2.59 -4.22	43.09 2.66 0.00	44.49 2.39 0.00	43.68 2.52 0.00	34.07 1.97 0.00	30.58 1.82 0.00	26.80 1.51 -1.61
NYPA_POUCH1____GT 24155	60.52 2.66 0.00	54.27 2.43 0.00	54.06 2.75 0.00	53.82 2.52 0.30	51.55 2.60 -0.30	53.48 2.31 0.16	52.30 2.39 0.00	52.70 2.64 0.17	55.37 2.77 6.90	57.20 3.19 12.95	52.26 3.31 3.32	61.30 3.62 8.18	63.57 4.02 0.00	102.28 6.33 1.94	68.76 3.13 -11.85	51.20 2.83 -0.42	47.68 2.15 -13.83	45.59 2.54 -4.22	43.06 2.63 0.00	44.52 2.41 0.00	43.75 2.59 0.00	34.08 1.98 0.00	30.57 1.81 0.00	26.78 1.49 -1.61
NYPA_VERNON____GT2 24162	60.57 2.71 0.00	54.47 2.64 0.00	54.20 2.89 0.00	54.36 2.77 0.00	51.67 2.72 -0.30	53.83 2.50 0.00	52.48 2.56 0.00	53.10 2.87 0.00	62.63 3.13 0.00	70.49 3.52 0.00	55.83 3.55 0.00	69.79 3.94 0.00	63.73 4.18 0.00	105.75 6.56 -1.30	69.04 3.40 -11.85	53.13 2.92 -2.25	47.59 2.06 -13.83	45.62 2.57 -4.22	43.07 2.64 0.00	44.44 2.34 0.00	43.59 2.43 0.00	33.99 1.90 0.00	30.54 1.78 0.00	26.77 1.48 -1.61
NYPA_VERNON____GT3 24163	60.57 2.71 0.00	54.47 2.64 0.00	54.20 2.89 0.00	54.36 2.77 0.00	51.67 2.72 -0.30	53.83 2.50 0.00	52.48 2.56 0.00	53.10 2.87 0.00	62.63 3.13 0.00	70.49 3.52 0.00	55.83 3.55 0.00	69.79 3.94 0.00	63.73 4.18 0.00	105.75 6.56 -1.30	69.04 3.40 -11.85	53.13 2.92 -2.25	47.59 2.06 -13.83	45.62 2.57 -4.22	43.07 2.64 0.00	44.44 2.34 0.00	43.59 2.43 0.00	33.99 1.90 0.00	30.54 1.78 0.00	26.77 1.48 -1.61
NYPA____ASTORIA_CC1 323568	60.44 2.59 0.00	54.37 2.53 0.00	54.12 2.81 0.00	54.27 2.67 0.00	51.60 2.65 -0.30	53.74 2.40 0.00	52.37 2.45 0.00	52.99 2.77 0.00	62.49 2.99 0.00	70.31 3.34 0.00	55.75 3.47 0.00	69.62 3.76 0.00	63.59 4.05 0.00	105.54 6.35 -1.30	68.91 3.28 -11.85	53.05 2.85 -2.25	47.55 2.02 -13.83	45.56 2.52 -4.22	42.99 2.56 0.00	44.35 2.25 0.00	43.53 2.37 0.00	33.94 1.85 0.00	30.51 1.75 0.00	26.74 1.45 -1.61
NYPA____ASTORIA_CC2 323569	60.44 2.59 0.00	54.37 2.53 0.00	54.12 2.81 0.00	54.27 2.67 0.00	51.60 2.65 -0.30	53.74 2.40 0.00	52.37 2.45 0.00	52.99 2.77 0.00	62.49 2.99 0.00	70.31 3.34 0.00	55.75 3.47 0.00	69.62 3.76 0.00	63.59 4.05 0.00	105.54 6.35 -1.30	68.91 3.28 -11.85	53.05 2.85 -2.25	47.55 2.02 -13.83	45.56 2.52 -4.22	42.99 2.56 0.00	44.35 2.25 0.00	43.53 2.37 0.00	33.94 1.85 0.00	30.51 1.75 0.00	26.74 1.45 -1.61
NYPA____HOLTSVILL 23794	64.37 3.75 -2.76	60.06 3.53 -4.70	54.77 3.46 0.00	54.87 3.27 0.00	51.85 2.90 -0.30	54.05 2.71 0.00	52.51 2.59 0.00	52.86 2.64 0.00	62.27 2.77 0.00	71.50 4.36 -0.18	59.38 4.06 -3.04	70.24 4.74 0.36	68.44 4.91 -3.99	129.89 7.59 -24.41	79.37 4.01 -21.57	53.94 2.96 -3.04	47.26 1.74 -13.83	45.14 2.09 -4.22	42.82 2.40 0.00	44.06 1.95 0.00	43.15 2.00 0.00	33.62 1.53 0.00	30.18 1.42 0.00	26.69 1.41 -1.60
NYPA____HELLGATE_GT1 24158	60.47 2.61 0.00	54.53 2.70 0.00	54.30 2.98 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.80 2.46 0.00	52.41 2.49 0.00	52.95 2.73 0.00	62.41 2.91 0.00	70.24 3.27 0.00	55.73 3.45 0.00	69.42 3.56 0.00	63.49 3.95 0.00	105.31 6.12 -1.30	68.90 3.26 -11.85	53.04 2.84 -2.25	47.50 1.97 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.25 2.14 0.00	43.52 2.37 0.00	33.97 1.88 0.00	30.52 1.76 0.00	26.73 1.44 -1.60
NYPA____HELLGATE_GT2 24159	60.47 2.61 0.00	54.53 2.70 0.00	54.30 2.98 0.00	54.35 2.76 0.00	51.63 2.68 -0.30	53.80 2.46 0.00	52.41 2.49 0.00	52.95 2.73 0.00	62.41 2.91 0.00	70.24 3.27 0.00	55.73 3.45 0.00	69.42 3.56 0.00	63.49 3.95 0.00	105.31 6.12 -1.30	68.90 3.26 -11.85	53.04 2.84 -2.25	47.50 1.97 -13.83	45.51 2.46 -4.22	42.87 2.44 0.00	44.25 2.14 0.00	43.52 2.37 0.00	33.97 1.88 0.00	30.52 1.76 0.00	26.73 1.44 -1.60
NYS_BARGE____HYD 23848	57.25 -0.62 0.00	51.37 -0.46 0.00	50.48 -0.83 0.00	50.38 -1.21 0.00	47.14 -1.51 0.00	49.96 -1.38 0.00	48.53 -1.39 0.00	48.38 -1.85 0.00	56.90 -2.60 0.00	63.86 -3.11 0.00	48.83 -3.45 0.00	62.35 -3.50 0.00	55.52 -4.03 0.00	92.55 -5.35 0.00	50.75 -3.04 0.00	45.31 -2.64 0.00	29.45 -2.25 0.00	36.25 -2.58 0.00	37.64 -2.79 0.00	39.54 -2.57 0.00	38.78 -2.38 0.00	30.46 -1.64 0.00	27.25 -1.50 0.00	22.59 -1.09 0.00
OAK ORCHARD____HYD 24046	58.30 0.44 0.00	52.16 0.33 0.00	51.28 -0.04 0.00	51.27 -0.32 0.00	48.15 -0.50 0.00	51.08 -0.26 0.00	49.68 -0.24 0.00	49.91 -0.32 0.00	58.85 -0.65 0.00	66.08 -0.88 0.00	51.08 -1.19 0.00	64.85 -1.01 0.00	58.25 -1.29 0.00	96.50 -1.40 0.00	52.99 -0.80 0.00	47.30 -0.65 0.00	31.03 -0.67 0.00	38.04 -0.79 0.00	39.51 -0.92 0.00	41.38 -0.72 0.00	40.55 -0.60 0.00	31.75 -0.35 0.00	28.32 -0.44 0.00	23.33 -0.35 0.00

OAKDALE___35_KV_LOAD 356122	58.23 0.37 0.00	52.21 0.38 0.00	51.46 0.15 0.00	51.83 0.22 -0.02	48.77 0.12 0.00	51.40 0.06 0.00	50.04 0.12 0.00	50.11 -0.12 0.00	59.35 -0.15 0.00	66.88 -0.08 0.00	52.02 -0.25 0.00	65.74 -0.11 0.00	59.42 -0.13 0.00	98.08 0.18 0.00	53.81 0.03 0.00	47.83 -0.12 0.00	31.60 -0.10 0.00	38.62 -0.20 0.00	40.20 -0.23 0.00	41.83 -0.27 0.00	41.08 -0.07 0.00	32.00 -0.09 0.00	28.62 -0.14 0.00	23.58 -0.10 0.00
OCC_CHEM___DRP 24175	56.43 -1.43 0.00	50.82 -1.01 0.00	49.76 -1.55 0.00	49.56 -2.03 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.02 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.44 -6.45 0.00	50.12 -3.67 0.00	44.84 -3.11 0.00	29.09 -2.61 0.00	35.87 -2.95 0.00	37.33 -3.09 0.00	39.20 -2.91 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.89 -1.87 0.00	22.30 -1.39 0.00
OH_GEN_PROXY 24063	49.34 -1.23 7.29	50.86 -0.98 0.00	49.94 -1.38 0.00	49.86 -1.73 0.00	46.69 -1.96 0.00	49.42 -1.91 0.00	48.03 -1.89 0.00	48.03 -2.19 0.00	56.47 -3.03 0.00	63.35 -3.61 0.00	48.47 -3.80 0.00	62.62 -3.93 -0.69	55.21 -4.33 0.00	92.23 -5.67 0.00	50.53 -3.26 0.00	45.19 -2.76 0.00	29.39 -2.31 0.00	36.20 -2.63 0.00	37.63 -2.79 0.00	39.46 -2.65 0.00	38.87 -2.53 -0.23	29.34 -1.75 1.01	27.11 -1.65 0.00	22.47 -1.22 0.00
OLIN_CORP_DRP 24177	56.75 -1.11 0.00	50.86 -0.97 0.00	50.01 -1.30 0.00	49.96 -1.63 0.00	46.74 -1.91 0.00	49.53 -1.81 0.00	48.09 -1.83 0.00	47.88 -2.34 0.00	56.26 -3.25 0.00	63.09 -3.88 0.00	48.22 -4.06 0.00	61.63 -4.23 0.00	54.84 -4.71 0.00	91.36 -6.54 0.00	50.09 -3.70 0.00	44.75 -3.20 0.00	29.05 -2.65 0.00	35.81 -3.02 0.00	37.25 -3.18 0.00	39.13 -2.98 0.00	38.29 -2.87 0.00	30.10 -2.00 0.00	26.97 -1.79 0.00	22.38 -1.31 0.00
OLIN_CORP_DSASP 323712	56.43 -1.43 0.00	50.84 -0.99 0.00	49.76 -1.55 0.00	49.57 -2.02 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.01 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.47 -6.42 0.00	50.10 -3.69 0.00	44.82 -3.12 0.00	29.10 -2.59 0.00	35.89 -2.93 0.00	37.32 -3.10 0.00	39.16 -2.94 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.88 -1.88 0.00	22.31 -1.37 0.00
ONEIDA_HERK_LFGE 323681	59.94 2.08 0.00	53.51 1.68 0.00	52.91 1.60 0.00	53.22 1.62 -0.01	50.08 1.43 0.00	52.98 1.64 0.00	51.61 1.70 0.00	51.81 1.59 0.00	61.46 1.96 0.00	69.24 2.28 0.00	53.97 1.69 0.00	67.71 1.85 0.00	60.91 1.36 0.00	100.43 2.53 0.00	55.03 1.24 0.00	48.99 1.04 0.00	32.53 0.83 0.00	39.89 1.06 0.00	41.46 1.03 0.00	43.23 1.12 0.00	42.49 1.33 0.00	33.13 1.04 0.00	29.57 0.81 0.00	24.37 0.69 0.00
ONEIDA___115KV_TB4 55905	59.86 2.00 0.00	53.50 1.67 0.00	52.86 1.55 0.00	53.16 1.56 -0.01	50.07 1.42 0.00	52.88 1.54 0.00	51.49 1.57 0.00	51.73 1.50 0.00	61.33 1.83 0.00	69.01 2.04 0.00	53.71 1.44 0.00	67.57 1.71 0.00	60.88 1.33 0.00	100.51 2.61 0.00	55.03 1.25 0.00	48.98 1.03 0.00	32.51 0.81 0.00	39.83 1.01 0.00	41.48 1.06 0.00	43.25 1.15 0.00	42.36 1.21 0.00	33.04 0.94 0.00	29.51 0.75 0.00	24.26 0.58 0.00
ONONDAGA_REF_OCCRA 23987	57.82 -0.05 0.00	51.75 -0.08 0.00	51.07 -0.24 0.00	51.32 -0.30 -0.03	48.32 -0.33 0.00	51.01 -0.32 0.00	49.60 -0.32 0.00	49.81 -0.42 0.00	60.01 0.51 0.00	67.55 0.58 0.00	51.57 -0.71 0.00	64.95 -0.91 0.00	58.73 -0.82 0.00	96.73 -1.18 0.00	53.10 -0.69 0.00	47.35 -0.60 0.00	31.33 -0.37 0.00	38.36 -0.47 0.00	39.95 -0.48 0.00	41.65 -0.45 0.00	40.85 -0.31 0.00	31.93 -0.16 0.00	28.54 -0.21 0.00	23.48 -0.20 0.00
ONONDAGA___COGEN 23986	57.61 -0.25 0.00	51.68 -0.15 0.00	50.98 -0.34 0.00	51.21 -0.42 -0.04	48.26 -0.39 0.00	50.93 -0.41 0.00	49.50 -0.42 0.00	49.73 -0.50 0.00	58.96 -0.55 0.00	66.26 -0.70 0.00	51.37 -0.90 0.00	64.69 -1.17 0.00	58.53 -1.01 0.00	96.34 -1.56 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	31.26 -0.44 0.00	38.26 -0.56 0.00	39.87 -0.56 0.00	41.55 -0.55 0.00	40.79 -0.36 0.00	31.89 -0.20 0.00	28.52 -0.24 0.00	23.46 -0.22 0.00
ONTARIO___LFGE 23819	58.75 0.89 0.00	52.55 0.72 0.00	51.54 0.22 0.00	51.68 0.07 -0.02	48.72 0.07 0.00	51.50 0.16 0.00	50.05 0.13 0.00	50.22 0.00 0.00	59.49 -0.01 0.00	66.96 -0.01 0.00	51.83 -0.45 0.00	65.59 -0.26 0.00	59.03 -0.51 0.00	97.39 -0.50 0.00	53.52 -0.26 0.00	47.77 -0.18 0.00	31.58 -0.12 0.00	38.70 -0.13 0.00	40.18 -0.25 0.00	41.85 -0.25 0.00	41.15 0.00 0.00	32.15 0.06 0.00	28.66 -0.10 0.00	23.58 -0.10 0.00
ORANGEVILLE_WT_PWR 323706	57.62 -0.24 0.00	51.51 -0.32 0.00	50.02 -1.29 0.00	50.00 -1.59 0.00	46.74 -1.91 0.00	49.58 -1.76 0.00	48.26 -1.66 0.00	48.27 -1.96 0.00	56.92 -2.58 0.00	64.34 -2.62 0.00	49.46 -2.81 0.00	63.01 -2.84 0.00	55.99 -3.56 0.00	93.64 -4.26 0.00	51.49 -2.30 0.00	45.89 -2.06 0.00	29.99 -1.71 0.00	36.84 -1.98 0.00	38.16 -2.27 0.00	39.97 -2.13 0.00	39.38 -1.77 0.00	30.71 -1.39 0.00	27.37 -1.39 0.00	22.64 -1.05 0.00
ORANGEVILLE___ESR 323794	57.62 -0.24 0.00	51.51 -0.32 0.00	50.02 -1.29 0.00	50.00 -1.59 0.00	46.74 -1.91 0.00	49.58 -1.76 0.00	48.26 -1.66 0.00	48.27 -1.96 0.00	56.92 -2.58 0.00	64.34 -2.62 0.00	49.46 -2.81 0.00	63.01 -2.84 0.00	55.99 -3.56 0.00	93.64 -4.26 0.00	51.49 -2.30 0.00	45.89 -2.06 0.00	29.99 -1.71 0.00	36.84 -1.98 0.00	38.16 -2.27 0.00	39.97 -2.13 0.00	39.38 -1.77 0.00	30.71 -1.39 0.00	27.37 -1.39 0.00	22.64 -1.05 0.00
OSWEGATCHIE___HYD 24044	59.46 1.60 0.00	53.02 1.19 0.00	52.36 1.04 0.00	52.58 0.98 -0.01	49.54 0.89 0.00	52.50 1.16 0.00	51.28 1.36 0.00	51.48 1.25 0.00	61.05 1.55 0.00	68.63 1.66 0.00	53.55 1.27 0.00	66.91 1.05 0.00	59.62 0.07 0.00	98.72 0.82 0.00	54.10 0.31 0.00	48.37 0.42 0.00	32.09 0.40 0.00	39.44 0.62 0.00	40.95 0.52 0.00	42.73 0.63 0.00	42.21 1.05 0.00	32.89 0.80 0.00	29.46 0.70 0.00	24.37 0.68 0.00
OSWEGO___5 23606	56.56 -1.30 0.00	50.65 -1.18 0.00	50.05 -1.27 0.00	50.42 -1.36 -0.19	47.36 -1.29 0.00	49.95 -1.39 0.00	48.50 -1.42 0.00	48.70 -1.53 0.00	57.49 -2.01 0.00	64.54 -2.42 0.00	50.26 -2.01 0.00	63.34 -2.52 0.00	57.26 -2.28 0.00	94.26 -3.64 0.00	51.79 -2.00 0.00	46.19 -1.76 0.00	30.57 -1.13 0.00	37.45 -1.38 0.00	39.03 -1.40 0.00	40.74 -1.37 0.00	39.99 -1.17 0.00	31.30 -0.79 0.00	28.03 -0.73 0.00	23.08 -0.61 0.00
OSWEGO___6 23613	56.56 -1.30 0.00	50.65 -1.18 0.00	50.05 -1.27 0.00	50.42 -1.36 -0.19	47.36 -1.29 0.00	49.95 -1.39 0.00	48.50 -1.42 0.00	48.70 -1.53 0.00	57.49 -2.01 0.00	64.54 -2.42 0.00	50.26 -2.01 0.00	63.34 -2.52 0.00	57.26 -2.28 0.00	94.26 -3.64 0.00	51.79 -2.00 0.00	46.19 -1.76 0.00	30.57 -1.13 0.00	37.45 -1.38 0.00	39.03 -1.40 0.00	40.74 -1.37 0.00	39.99 -1.17 0.00	31.30 -0.79 0.00	28.03 -0.73 0.00	23.08 -0.61 0.00

OUTOKUMPU-AB____DRP 24206	57.76 -0.10 0.00	51.96 0.13 0.00	50.96 -0.36 0.00	50.76 -0.83 0.00	47.49 -1.16 0.00	50.30 -1.04 0.00	48.86 -1.06 0.00	48.87 -1.36 0.00	57.52 -1.98 0.00	64.62 -2.35 0.00	49.42 -2.85 0.00	63.13 -2.73 0.00	56.25 -3.30 0.00	93.91 -3.99 0.00	51.53 -2.26 0.00	46.01 -1.94 0.00	29.87 -1.83 0.00	36.77 -2.05 0.00	38.24 -2.19 0.00	40.18 -1.93 0.00	39.32 -1.83 0.00	30.85 -1.24 0.00	27.54 -1.22 0.00	22.80 -0.88 0.00
OXBOW____BTM 323836	57.13 -0.73 0.00	51.43 -0.41 0.00	50.38 -0.94 0.00	50.16 -1.43 0.00	46.95 -1.69 0.00	49.72 -1.62 0.00	48.28 -1.64 0.00	48.28 -1.95 0.00	56.77 -2.73 0.00	63.72 -3.24 0.00	48.72 -3.56 0.00	62.26 -3.59 0.00	55.47 -4.07 0.00	92.74 -5.16 0.00	50.82 -2.97 0.00	45.42 -2.52 0.00	29.50 -2.20 0.00	36.33 -2.49 0.00	37.79 -2.63 0.00	39.66 -2.45 0.00	38.83 -2.33 0.00	30.49 -1.60 0.00	27.21 -1.55 0.00	22.56 -1.13 0.00
OXBOW____ 24026	57.13 -0.73 0.00	51.40 -0.43 0.00	50.38 -0.94 0.00	50.16 -1.43 0.00	46.95 -1.70 0.00	49.72 -1.62 0.00	48.28 -1.64 0.00	48.28 -1.95 0.00	56.77 -2.73 0.00	63.72 -3.25 0.00	48.71 -3.57 0.00	62.26 -3.60 0.00	55.47 -4.07 0.00	92.70 -5.19 0.00	50.84 -2.95 0.00	45.43 -2.52 0.00	29.48 -2.22 0.00	36.32 -2.50 0.00	37.80 -2.63 0.00	39.69 -2.41 0.00	38.83 -2.33 0.00	30.50 -1.60 0.00	27.21 -1.55 0.00	22.55 -1.14 0.00
OXY_CHEM_DSASP 323612	56.43 -1.43 0.00	50.82 -1.01 0.00	49.76 -1.55 0.00	49.56 -2.03 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.02 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.44 -6.45 0.00	50.12 -3.67 0.00	44.84 -3.11 0.00	29.09 -2.61 0.00	35.87 -2.95 0.00	37.33 -3.09 0.00	39.20 -2.91 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.89 -1.87 0.00	22.30 -1.39 0.00
OZONE_PARK_ESR 323760	61.63 3.77 0.00	55.33 3.50 0.00	54.91 3.59 0.00	55.14 3.55 0.00	52.35 3.41 -0.30	54.60 3.26 0.00	53.23 3.31 0.00	53.89 3.67 0.00	63.69 4.19 0.00	71.73 4.76 0.00	56.60 4.32 0.00	71.11 5.26 0.00	64.84 5.30 0.00	107.79 8.59 -1.30	70.20 4.56 -11.85	54.03 3.82 -2.26	48.03 2.50 -13.83	46.13 3.08 -4.22	43.64 3.21 0.00	45.04 2.93 0.00	44.10 2.94 0.00	34.36 2.27 0.00	30.80 2.04 0.00	27.00 1.71 -1.61
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	56.43 -1.43 0.00	50.82 -1.01 0.00	49.76 -1.55 0.00	49.56 -2.03 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.02 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.44 -6.45 0.00	50.12 -3.67 0.00	44.84 -3.11 0.00	29.09 -2.61 0.00	35.87 -2.95 0.00	37.33 -3.09 0.00	39.20 -2.91 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.89 -1.87 0.00	22.30 -1.39 0.00
PACKARD__115KV_DUPONT_184 80571	56.43 -1.43 0.00	50.82 -1.01 0.00	49.76 -1.55 0.00	49.56 -2.03 0.00	46.41 -2.24 0.00	49.16 -2.18 0.00	47.68 -2.24 0.00	47.67 -2.56 0.00	56.02 -3.48 0.00	62.82 -4.15 0.00	47.99 -4.28 0.00	61.37 -4.49 0.00	54.67 -4.87 0.00	91.44 -6.45 0.00	50.12 -3.67 0.00	44.84 -3.11 0.00	29.09 -2.61 0.00	35.87 -2.95 0.00	37.33 -3.09 0.00	39.20 -2.91 0.00	38.33 -2.83 0.00	30.13 -1.96 0.00	26.89 -1.87 0.00	22.30 -1.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	60.57 2.71 0.00	54.52 2.69 0.00	54.27 2.95 0.00	54.32 2.73 0.00	51.61 2.66 -0.30	53.78 2.45 0.00	52.46 2.54 0.00	53.05 2.83 0.00	62.52 3.02 0.00	70.39 3.42 0.00	55.83 3.55 0.00	69.60 3.74 0.00	63.62 4.07 0.00	105.54 6.35 -1.30	69.00 3.37 -11.85	53.13 2.93 -2.26	47.55 2.02 -13.83	45.57 2.52 -4.22	42.96 2.54 0.00	44.35 2.25 0.00	43.60 2.45 0.00	34.00 1.90 0.00	30.51 1.75 0.00	26.71 1.43 -1.60
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	62.67 4.81 0.00	56.36 4.53 0.00	56.20 4.89 0.00	56.27 4.67 0.00	53.44 4.49 -0.30	55.78 4.44 0.00	54.43 4.51 0.00	54.97 4.75 0.00	64.66 5.15 0.00	72.70 5.74 0.00	57.62 5.34 0.00	71.80 5.94 0.00	65.63 6.09 0.00	108.90 9.70 -1.30	70.80 5.16 -11.85	54.75 4.55 -2.26	48.47 2.94 -13.83	46.68 3.63 -4.22	44.23 3.80 0.00	45.67 3.56 0.00	44.81 3.66 0.00	34.87 2.78 0.00	31.26 2.50 0.00	27.35 2.06 -1.60
PATROON__115KV_TB1 80586	58.69 0.83 0.00	52.79 0.95 0.00	52.67 1.36 0.00	53.06 1.47 0.00	50.07 1.43 0.00	52.79 1.45 0.00	50.96 1.04 0.00	51.49 1.26 0.00	60.75 1.25 0.00	68.41 1.45 0.00	53.38 1.10 0.00	67.19 1.34 0.00	60.95 1.41 0.00	99.61 1.72 0.00	54.84 1.05 0.00	48.81 0.86 0.00	32.35 0.65 0.00	39.50 0.68 0.00	41.03 0.61 0.00	42.66 0.55 0.00	41.76 0.60 0.00	32.67 0.58 0.00	29.33 0.57 0.00	24.38 0.43 -0.26
PATTRSNVILLE____SOLAR 323815	59.99 2.13 0.00	53.75 1.91 0.00	53.27 1.96 0.00	53.61 2.02 0.00	50.53 1.88 0.00	53.31 1.98 0.00	51.80 1.88 0.00	52.16 1.93 0.00	61.74 2.24 0.00	69.52 2.55 0.00	54.21 1.94 0.00	68.13 2.27 0.00	61.44 1.89 0.00	100.76 2.86 0.00	55.45 1.67 0.00	49.41 1.46 0.00	32.70 1.00 0.00	40.09 1.27 0.00	41.76 1.33 0.00	43.50 1.39 0.00	42.59 1.43 0.00	33.19 1.10 0.00	29.74 0.98 0.00	24.69 0.78 -0.22
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	58.00 0.14 0.00	52.00 0.17 0.00	50.91 -0.41 0.00	50.84 -0.75 0.00	47.55 -1.10 0.00	50.29 -1.05 0.00	49.00 -0.92 0.00	49.04 -1.18 0.00	57.83 -1.68 0.00	65.05 -1.92 0.00	49.86 -2.42 0.00	63.66 -2.20 0.00	56.77 -2.78 0.00	94.75 -3.15 0.00	51.96 -1.83 0.00	46.33 -1.62 0.00	30.15 -1.55 0.00	37.05 -1.77 0.00	38.50 -1.93 0.00	40.39 -1.72 0.00	39.56 -1.59 0.00	31.00 -1.10 0.00	27.68 -1.08 0.00	22.89 -0.79 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	60.95 3.09 0.00	54.64 2.81 0.00	54.21 2.89 0.00	54.50 2.91 0.00	51.48 2.75 -0.08	54.04 2.70 0.00	52.60 2.68 0.00	53.22 2.99 0.00	62.97 3.47 0.00	71.08 4.12 0.00	55.81 3.54 0.00	70.23 4.37 0.00	64.04 4.50 0.00	105.07 7.14 -0.03	57.86 3.80 -0.27	51.15 3.15 -0.05	34.04 2.02 -0.31	41.37 2.45 -0.10	42.96 2.53 0.00	44.42 2.31 0.00	43.45 2.29 0.00	33.83 1.74 0.00	30.31 1.56 0.00	25.42 1.28 -0.46
PEEKSKILL____ 23653	60.28 2.42 0.00	54.08 2.25 0.00	53.65 2.34 0.00	53.96 2.37 0.00	51.24 2.26 -0.33	53.45 2.12 0.00	52.04 2.12 0.00	52.64 2.41 0.00	62.23 2.73 0.00	70.17 3.21 0.00	55.25 2.97 0.00	69.51 3.66 0.00	63.34 3.80 0.00	105.07 6.13 -1.04	66.56 3.27 -9.50	52.41 2.65 -1.81	44.52 1.73 -11.09	44.29 2.08 -3.39	42.57 2.14 0.00	44.00 1.89 0.00	43.09 1.93 0.00	33.57 1.47 0.00	30.10 1.34 0.00	26.57 1.13 -1.76
PGE MADISON____WINDPWR 24146	62.69 4.83 0.00	55.96 4.13 0.00	55.01 3.70 0.00	55.35 3.74 -0.02	52.10 3.45 0.00	55.07 3.73 0.00	53.76 3.84 0.00	53.78 3.56 0.00	63.77 4.27 0.00	71.85 4.88 0.00	55.32 3.05 0.00	69.58 3.72 0.00	63.36 3.82 0.00	105.43 7.53 0.00	57.16 3.37 0.00	50.92 2.97 0.00	33.95 2.25 0.00	41.48 2.65 0.00	43.00 2.57 0.00	44.82 2.71 0.00	44.25 3.09 0.00	34.08 1.98 0.00	30.17 1.41 0.00	24.79 1.10 0.00

PIERCEFIELD___HYD 23852	58.62 0.76 0.00	52.40 0.56 0.00	51.73 0.41 0.00	51.90 0.30 -0.01	49.08 0.43 0.00	51.90 0.56 0.00	50.72 0.80 0.00	51.08 0.85 0.00	60.50 1.00 0.00	67.82 0.85 0.00	52.99 0.71 0.00	66.40 0.54 0.00	58.80 -0.75 0.00	97.50 -0.39 0.00	53.60 -0.19 0.00	48.08 0.13 0.00	31.83 0.13 0.00	39.15 0.33 0.00	40.71 0.28 0.00	42.55 0.45 0.00	41.82 0.66 0.00	32.53 0.43 0.00	29.28 0.52 0.00	24.24 0.56 0.00
PINELAWN_CC_1 323563	70.09 3.63 -8.60	65.90 3.35 -10.72	54.57 3.25 0.00	54.64 3.05 0.00	51.69 2.74 -0.30	53.88 2.54 0.00	52.40 2.49 0.00	52.89 2.66 0.00	62.39 2.89 0.00	71.42 4.28 -0.18	61.37 3.89 -5.20	73.11 4.55 -2.71	70.73 4.68 -6.51	136.05 7.35 -30.80	81.41 3.89 -23.73	56.48 2.94 -5.59	47.27 1.74 -13.83	45.04 2.00 -4.22	42.64 2.21 0.00	44.09 1.98 0.00	43.21 2.06 0.00	33.72 1.63 0.00	30.51 1.75 0.00	26.87 1.59 -1.60
PJM_GEN_HTP_PROXY 323702	51.87 2.80 8.78	54.54 2.64 -0.08	54.09 2.78 0.00	54.37 2.78 0.00	51.63 2.68 -0.30	53.84 2.51 0.00	53.62 2.55 -1.15	53.07 2.90 0.05	63.32 3.28 -0.54	70.72 3.75 0.00	55.79 3.51 0.00	70.11 4.25 0.00	63.90 4.35 0.00	106.21 7.01 -1.30	69.33 3.69 -11.85	52.63 3.06 -1.62	47.58 2.04 -13.84	45.55 2.50 -4.22	43.03 2.60 0.00	44.40 2.29 0.00	44.59 2.29 -1.14	33.55 1.77 0.31	30.39 1.63 0.00	26.67 1.38 -1.61
PJM_GEN_KEystone 24065	49.65 0.57 8.78	53.49 0.61 -1.04	51.71 0.44 0.05	51.98 0.43 0.04	48.48 0.28 0.44	51.42 0.11 0.03	65.98 0.26 -15.80	50.51 0.34 0.06	59.80 0.24 -0.06	66.44 0.38 0.91	52.27 0.23 0.23	66.38 0.58 0.06	60.09 0.55 0.00	99.38 1.48 0.00	54.47 0.68 0.00	47.75 0.44 0.64	31.84 0.14 0.00	39.00 0.18 0.00	40.53 0.10 0.00	42.07 -0.04 0.00	42.40 0.11 -1.14	31.87 0.09 0.31	28.86 0.10 0.00	21.59 0.16 2.25
PJM_GEN_NEPTUNE_PROXY 323594	51.52 3.35 9.69	55.94 3.10 -1.00	54.35 3.04 0.00	54.51 2.92 0.00	51.62 2.67 -0.30	53.84 2.50 0.00	53.53 2.46 -1.15	52.80 2.62 0.05	62.91 2.87 -0.54	71.13 3.99 -0.18	57.26 3.60 -1.39	67.89 4.17 2.14	66.45 4.38 -2.52	105.26 6.83 -0.53	74.62 3.68 -17.15	49.67 2.84 1.11	47.26 1.73 -13.83	45.09 2.05 -4.22	42.69 2.26 0.00	44.02 1.91 0.00	44.28 1.99 -1.14	33.32 1.54 0.32	30.21 1.45 0.00	26.61 1.33 -1.60
PJM_GEN_VFT_PROXY 323633	51.46 2.39 8.78	53.72 2.28 0.40	53.07 2.45 0.69	53.45 2.44 0.58	51.33 2.38 -0.30	53.14 2.18 0.37	53.33 2.26 -1.15	52.60 2.59 0.22	56.00 2.87 6.36	57.27 3.26 12.95	52.10 3.13 3.32	61.46 3.78 8.17	63.54 4.00 0.00	102.36 6.40 1.95	68.27 3.32 -11.16	49.53 2.73 1.15	47.40 1.87 -13.83	45.35 2.31 -4.22	42.82 2.39 0.00	44.18 2.07 0.00	44.41 2.11 -1.14	33.41 1.63 0.31	30.27 1.51 0.00	26.58 1.29 -1.61
PLATSBURG_115KV_PMLD1 355749	58.36 0.50 0.00	52.54 0.71 0.00	51.94 0.63 0.00	52.13 0.54 0.00	49.16 0.51 0.00	51.88 0.54 0.00	50.45 0.54 0.00	50.86 0.63 0.00	60.11 0.61 0.00	67.76 0.80 0.00	52.56 0.29 0.00	66.12 0.26 0.00	59.62 0.08 0.00	98.02 0.13 0.00	54.01 0.22 0.00	48.42 0.47 0.00	31.91 0.21 0.00	39.28 0.45 0.00	40.97 0.54 0.00	42.88 0.78 0.00	41.96 0.81 0.00	32.55 0.45 0.00	29.26 0.50 0.00	24.19 0.50 0.00
PLEASANTVLY___LBMP 24000	59.85 1.99 0.00	53.71 1.87 0.00	53.33 2.01 0.00	53.68 2.08 0.00	50.73 1.98 -0.10	53.21 1.88 0.00	51.73 1.81 0.00	52.30 2.08 0.00	61.83 2.33 0.00	69.73 2.77 0.00	54.75 2.47 0.00	68.90 3.05 0.00	62.74 3.19 0.00	102.85 4.91 -0.05	56.86 2.65 -0.43	50.18 2.15 -0.08	33.59 1.40 -0.50	40.66 1.68 -0.15	42.15 1.72 0.00	43.61 1.50 0.00	42.71 1.55 0.00	33.29 1.20 0.00	29.86 1.10 0.00	25.21 0.94 -0.59
PLSNTVLE_13_KV_13.8KVDIST 80602	60.34 2.48 0.00	54.16 2.33 0.00	53.75 2.44 0.00	54.05 2.46 0.00	51.14 2.34 -0.15	53.57 2.24 0.00	52.14 2.22 0.00	52.76 2.53 0.00	62.35 2.85 0.00	70.32 3.35 0.00	55.30 3.02 0.00	69.56 3.70 0.00	63.40 3.86 0.00	104.11 6.13 -0.08	57.73 3.24 -0.69	50.76 2.67 -0.13	34.24 1.74 -0.81	41.16 2.09 -0.25	42.58 2.16 0.00	44.02 1.91 0.00	43.11 1.95 0.00	33.58 1.49 0.00	30.11 1.35 0.00	25.66 1.14 -0.84
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	60.34 2.48 0.00	54.16 2.33 0.00	53.75 2.44 0.00	54.05 2.46 0.00	51.14 2.34 -0.15	53.57 2.24 0.00	52.14 2.22 0.00	52.76 2.53 0.00	62.35 2.85 0.00	70.32 3.35 0.00	55.30 3.02 0.00	69.56 3.70 0.00	63.40 3.86 0.00	104.11 6.13 -0.08	57.73 3.24 -0.69	50.76 2.67 -0.13	34.24 1.74 -0.81	41.16 2.09 -0.25	42.58 2.16 0.00	44.02 1.91 0.00	43.11 1.95 0.00	33.58 1.49 0.00	30.11 1.35 0.00	25.66 1.14 -0.84
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	60.57 2.71 0.00	54.29 2.46 0.00	53.86 2.55 0.00	54.19 2.60 0.00	51.09 2.44 0.00	53.72 2.38 0.00	52.25 2.33 0.00	52.87 2.64 0.00	62.62 3.13 0.00	70.63 3.67 0.00	55.44 3.17 0.00	69.77 3.91 0.00	63.57 4.02 0.00	104.18 6.28 0.00	57.12 3.34 0.00	50.64 2.69 0.00	33.44 1.74 0.00	40.93 2.11 0.00	42.60 2.17 0.00	44.06 1.96 0.00	43.15 1.99 0.00	33.60 1.51 0.00	30.12 1.36 0.00	25.05 1.13 -0.24
POLETTI____ 23519	60.49 2.63 0.00	54.34 2.51 0.00	53.97 2.66 0.00	54.24 2.65 0.00	51.52 2.57 -0.30	53.71 2.37 0.00	52.35 2.43 0.00	52.99 2.77 0.00	62.61 3.11 0.00	70.51 3.54 0.00	55.63 3.36 0.00	69.88 4.02 0.00	63.70 4.15 0.00	105.88 6.68 -1.30	69.13 3.49 -11.85	53.08 2.88 -2.26	47.45 1.92 -13.83	45.42 2.38 -4.22	42.93 2.50 0.00	44.28 2.18 0.00	43.36 2.20 0.00	33.83 1.74 0.00	30.37 1.61 0.00	26.72 1.42 -1.61
POMONA___ESR 323819	60.23 2.37 0.00	53.97 2.14 0.00	53.51 2.20 0.00	53.84 2.25 0.00	50.37 2.15 0.43	53.34 2.00 0.00	51.94 2.02 0.00	52.53 2.31 0.00	62.12 2.62 0.00	70.08 3.12 0.00	55.18 2.90 0.00	69.51 3.65 0.00	63.35 3.81 0.00	103.76 6.23 0.36	53.82 3.34 3.31	50.01 2.69 0.63	29.57 1.74 3.87	39.72 2.08 1.18	42.54 2.11 0.00	43.96 1.86 0.00	43.07 1.91 0.00	33.53 1.44 0.00	30.05 1.30 0.00	22.59 1.08 2.17
PORT_JEFF_3 23555	64.52 3.84 -2.81	60.22 3.62 -4.76	54.84 3.52 0.00	54.93 3.34 0.00	51.90 2.95 -0.30	54.02 2.68 0.00	52.35 2.43 0.00	52.58 2.35 0.00	61.96 2.46 0.00	71.40 4.25 -0.18	59.42 4.06 -3.09	70.26 4.73 0.33	68.45 4.89 -4.01	130.92 7.49 -25.53	79.48 3.93 -21.76	53.98 2.86 -3.17	47.19 1.66 -13.83	45.12 2.08 -4.22	42.95 2.53 0.00	44.19 2.09 0.00	43.27 2.12 0.00	33.71 1.61 0.00	30.24 1.48 0.00	26.73 1.45 -1.60
PORT_JEFF_4 23616	64.52 3.84 -2.81	60.22 3.62 -4.76	54.84 3.52 0.00	54.93 3.34 0.00	51.90 2.95 -0.30	54.02 2.68 0.00	52.35 2.43 0.00	52.58 2.35 0.00	61.96 2.46 0.00	71.40 4.25 -0.18	59.42 4.06 -3.09	70.26 4.73 0.33	68.45 4.89 -4.01	130.92 7.49 -25.53	79.48 3.93 -21.76	53.98 2.86 -3.17	47.19 1.66 -13.83	45.12 2.08 -4.22	42.95 2.53 0.00	44.19 2.09 0.00	43.27 2.12 0.00	33.71 1.61 0.00	30.24 1.48 0.00	26.73 1.45 -1.60

PORT_JEFF_IC 23713	64.91 4.06 -2.99	60.56 3.79 -4.93	55.00 3.69 0.00	55.07 3.48 0.00	52.04 3.09 -0.30	54.18 2.84 0.00	52.56 2.64 0.00	52.83 2.60 0.00	62.26 2.76 0.00	71.69 4.55 -0.18	59.73 4.31 -3.15	70.65 5.04 0.25	68.71 5.08 -4.08	131.67 7.68 -26.10	79.68 4.01 -21.88	54.12 2.90 -3.28	47.21 1.69 -13.83	45.13 2.09 -4.22	43.09 2.66 0.00	44.31 2.21 0.00	43.39 2.23 0.00	33.79 1.69 0.00	30.29 1.54 0.00	26.77 1.49 -1.60
PPL PILGRIM_ST_GT1 24216	66.03 4.43 -3.73	61.67 4.14 -5.70	55.34 4.03 0.00	55.40 3.81 0.00	52.37 3.43 -0.30	54.60 3.26 0.00	53.10 3.18 0.00	53.51 3.28 0.00	63.05 3.55 0.00	72.31 5.17 -0.18	64.15 4.62 -7.26	71.19 5.23 -0.11	69.26 5.34 -4.38	323.76 8.80 -217.06	110.57 4.56 -52.21	74.34 3.50 -22.90	47.52 2.00 -13.83	45.50 2.45 -4.22	43.20 2.78 0.00	44.58 2.47 0.00	43.65 2.49 0.00	34.02 1.93 0.00	30.55 1.79 0.00	26.95 1.67 -1.60
PPL PILGRIM_ST_GT2 24217	66.03 4.43 -3.73	61.67 4.14 -5.70	55.34 4.03 0.00	55.40 3.81 0.00	52.37 3.43 -0.30	54.60 3.26 0.00	53.10 3.18 0.00	53.51 3.28 0.00	63.05 3.55 0.00	72.31 5.17 -0.18	64.15 4.62 -7.26	71.19 5.23 -0.11	69.26 5.34 -4.38	323.76 8.80 -217.06	110.57 4.56 -52.21	74.34 3.50 -22.90	47.52 2.00 -13.83	45.50 2.45 -4.22	43.20 2.78 0.00	44.58 2.47 0.00	43.65 2.49 0.00	34.02 1.93 0.00	30.55 1.79 0.00	26.95 1.67 -1.60
PPL_SHRM_GT3 24213	64.39 3.64 -2.90	60.04 3.35 -4.85	54.60 3.29 0.00	54.72 3.13 0.00	51.68 2.73 -0.30	53.91 2.57 0.00	52.44 2.52 0.00	52.82 2.60 0.00	62.26 2.76 0.00	71.56 4.42 -0.18	59.63 4.20 -3.16	70.53 4.97 0.29	68.74 5.15 -4.05	133.68 8.13 -27.65	80.21 4.31 -22.11	54.48 3.12 -3.41	47.33 1.81 -13.83	45.19 2.14 -4.22	42.79 2.36 0.00	43.89 1.78 0.00	42.98 1.83 0.00	33.47 1.38 0.00	29.98 1.22 0.00	26.51 1.22 -1.60
PPL_SHRM_GT4 24214	64.39 3.64 -2.90	60.04 3.35 -4.85	54.60 3.29 0.00	54.72 3.13 0.00	51.68 2.73 -0.30	53.91 2.57 0.00	52.44 2.52 0.00	52.82 2.60 0.00	62.26 2.76 0.00	71.56 4.42 -0.18	59.63 4.20 -3.16	70.53 4.97 0.29	68.74 5.15 -4.05	133.68 8.13 -27.65	80.21 4.31 -22.11	54.48 3.12 -3.41	47.33 1.81 -13.83	45.19 2.14 -4.22	42.79 2.36 0.00	43.89 1.78 0.00	42.98 1.83 0.00	33.47 1.38 0.00	29.98 1.22 0.00	26.51 1.22 -1.60
PROJECT___ORANGE 1 24174	57.41 -0.45 0.00	51.38 -0.46 0.00	50.73 -0.59 0.00	50.95 -0.67 -0.02	47.99 -0.66 0.00	50.65 -0.68 0.00	49.24 -0.69 0.00	49.45 -0.78 0.00	58.32 -1.18 0.00	65.56 -1.41 0.00	51.15 -1.12 0.00	64.47 -1.38 0.00	58.30 -1.25 0.00	95.96 -1.93 0.00	52.70 -1.09 0.00	47.00 -0.95 0.00	31.09 -0.61 0.00	38.07 -0.75 0.00	39.64 -0.79 0.00	41.33 -0.78 0.00	40.52 -0.63 0.00	31.70 -0.40 0.00	28.34 -0.42 0.00	23.32 -0.37 0.00
PROJECT___ORANGE 2 24166	57.41 -0.45 0.00	51.38 -0.46 0.00	50.73 -0.59 0.00	50.95 -0.67 -0.02	47.99 -0.66 0.00	50.65 -0.68 0.00	49.24 -0.69 0.00	49.45 -0.78 0.00	58.32 -1.18 0.00	65.56 -1.41 0.00	51.15 -1.12 0.00	64.47 -1.38 0.00	58.30 -1.25 0.00	95.96 -1.93 0.00	52.70 -1.09 0.00	47.00 -0.95 0.00	31.09 -0.61 0.00	38.07 -0.75 0.00	39.64 -0.79 0.00	41.33 -0.78 0.00	40.52 -0.63 0.00	31.70 -0.40 0.00	28.34 -0.42 0.00	23.32 -0.37 0.00
PUCKETT___SOLAR 323809	59.34 1.48 0.00	53.14 1.30 0.00	52.31 1.00 0.00	52.65 1.04 -0.02	49.60 0.95 0.00	52.32 0.98 0.00	50.90 0.98 0.00	50.94 0.71 0.00	60.35 0.85 0.00	67.95 0.99 0.00	52.69 0.41 0.00	66.30 0.45 0.00	60.14 0.59 0.00	99.65 1.75 0.00	54.47 0.69 0.00	48.39 0.44 0.00	32.09 0.40 0.00	39.20 0.38 0.00	40.78 0.35 0.00	42.39 0.29 0.00	41.80 0.64 0.00	32.41 0.32 0.00	28.88 0.12 0.00	23.80 0.11 0.00
PYRITES___HYD 24023	59.83 1.97 0.00	53.48 1.65 0.00	52.77 1.45 0.00	52.90 1.31 0.00	49.95 1.31 0.00	52.81 1.47 0.00	51.64 1.72 0.00	51.92 1.70 0.00	61.39 1.89 0.00	68.69 1.72 0.00	53.62 1.35 0.00	66.83 0.97 0.00	59.20 -0.34 0.00	98.65 0.75 0.00	54.32 0.53 0.00	48.74 0.79 0.00	32.43 0.74 0.00	39.93 1.10 0.00	41.35 0.92 0.00	43.22 1.11 0.00	42.81 1.65 0.00	33.27 1.18 0.00	29.87 1.11 0.00	24.66 0.97 0.00
QUAKERRD_115KV_BK1 80622	56.99 -0.87 0.00	50.98 -0.86 0.00	50.16 -1.15 0.00	50.18 -1.41 0.00	47.18 -1.47 0.00	50.01 -1.33 0.00	48.64 -1.28 0.00	48.86 -1.37 0.00	57.67 -1.83 0.00	64.76 -2.21 0.00	50.14 -2.14 0.00	63.51 -2.34 0.00	57.15 -2.40 0.00	94.51 -3.38 0.00	51.92 -1.87 0.00	46.36 -1.59 0.00	30.47 -1.23 0.00	37.34 -1.49 0.00	38.83 -1.60 0.00	40.63 -1.48 0.00	39.80 -1.36 0.00	31.15 -0.94 0.00	27.79 -0.96 0.00	22.88 -0.80 0.00
QUENSBRY_115KV_TB8 356137	61.68 3.81 0.00	55.22 3.39 0.00	54.80 3.49 0.00	55.25 3.66 0.00	52.12 3.47 0.00	54.95 3.62 0.00	53.27 3.35 0.00	53.67 3.45 0.00	63.57 4.07 0.00	71.74 4.77 0.00	55.51 3.23 0.00	69.77 3.91 0.00	62.89 3.34 0.00	102.31 4.41 0.00	56.48 2.69 0.00	50.38 2.43 0.00	33.12 1.42 0.00	40.73 1.91 0.00	42.47 2.04 0.00	44.34 2.24 0.00	43.54 2.38 0.00	33.87 1.77 0.00	30.38 1.63 0.00	25.16 1.23 -0.24
RAMAPO___LBMP 323565	59.98 2.12 0.00	53.76 1.93 0.00	53.31 2.00 0.00	53.63 2.04 0.00	50.20 1.95 0.40	53.13 1.79 0.00	51.74 1.83 0.00	52.32 2.10 0.00	61.83 2.34 0.00	69.76 2.80 0.00	54.91 2.63 0.00	69.15 3.30 0.00	62.99 3.45 0.00	103.42 5.68 0.16	55.41 3.05 1.43	50.10 2.42 0.27	31.61 1.58 1.67	40.20 1.89 0.51	42.34 1.91 0.00	43.78 1.67 0.00	42.90 1.74 0.00	33.40 1.31 0.00	29.95 1.18 0.00	22.66 0.99 2.01
RANKINE____ 23646	57.95 0.09 0.00	51.95 0.12 0.00	50.84 -0.47 0.00	50.76 -0.83 0.00	47.44 -1.21 0.00	50.25 -1.09 0.00	48.90 -1.02 0.00	48.92 -1.30 0.00	57.64 -1.86 0.00	64.86 -2.11 0.00	49.70 -2.58 0.00	63.47 -2.38 0.00	56.52 -3.02 0.00	94.41 -3.48 0.00	51.82 -1.97 0.00	46.21 -1.74 0.00	30.05 -1.64 0.00	36.96 -1.87 0.00	38.39 -2.04 0.00	40.28 -1.82 0.00	39.50 -1.66 0.00	30.95 -1.15 0.00	27.62 -1.14 0.00	22.85 -0.84 0.00
RAVENSWOOD_GT2_1 24244	60.68 2.82 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.90 0.00	62.77 3.27 0.00	70.70 3.73 0.00	55.77 3.50 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.23 3.60 -11.85	53.18 2.97 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.29 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT2_2 24245	60.68 2.82 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.90 0.00	62.77 3.27 0.00	70.70 3.73 0.00	55.77 3.50 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.23 3.60 -11.85	53.18 2.97 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.29 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60

RAVENSWOOD_GT2_3 24246	60.72 2.87 0.00	54.53 2.70 0.00	54.16 2.84 0.00	54.42 2.83 0.00	51.68 2.73 -0.30	53.90 2.56 0.00	52.52 2.60 0.00	53.17 2.94 0.00	62.83 3.33 0.00	70.74 3.78 0.00	55.82 3.54 0.00	70.08 4.22 0.00	63.87 4.32 0.00	106.15 6.96 -1.30	69.28 3.65 -11.85	53.22 3.01 -2.26	47.53 2.00 -13.83	45.51 2.47 -4.22	43.03 2.60 0.00	44.42 2.32 0.00	43.51 2.35 0.00	33.92 1.82 0.00	30.43 1.67 0.00	26.71 1.42 -1.60
RAVENSWOOD_GT2_4 24247	60.72 2.87 0.00	54.53 2.70 0.00	54.16 2.84 0.00	54.42 2.83 0.00	51.68 2.73 -0.30	53.90 2.56 0.00	52.52 2.60 0.00	53.17 2.94 0.00	62.83 3.33 0.00	70.74 3.78 0.00	55.82 3.54 0.00	70.08 4.22 0.00	63.87 4.32 0.00	106.15 6.96 -1.30	69.28 3.65 -11.85	53.22 3.01 -2.26	47.53 2.00 -13.83	45.51 2.47 -4.22	43.03 2.60 0.00	44.42 2.32 0.00	43.51 2.35 0.00	33.92 1.82 0.00	30.43 1.67 0.00	26.71 1.42 -1.60
RAVENSWOOD_GT3_1 24248	60.68 2.82 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.90 0.00	62.77 3.27 0.00	70.70 3.73 0.00	55.78 3.50 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.23 3.60 -11.85	53.18 2.97 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.29 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT3_2 24249	60.68 2.82 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.90 0.00	62.77 3.27 0.00	70.70 3.73 0.00	55.78 3.50 0.00	70.01 4.15 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.23 3.60 -11.85	53.18 2.97 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.29 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT3_3 24250	60.83 2.96 0.00	54.62 2.79 0.00	54.24 2.93 0.00	54.52 2.93 0.00	51.77 2.82 -0.30	53.98 2.65 0.00	52.61 2.69 0.00	53.26 3.03 0.00	62.93 3.43 0.00	70.87 3.91 0.00	55.92 3.64 0.00	70.20 4.34 0.00	63.99 4.44 0.00	106.35 7.15 -1.30	69.38 3.75 -11.85	53.31 3.10 -2.26	47.59 2.06 -13.83	45.58 2.54 -4.22	43.10 2.67 0.00	44.49 2.39 0.00	43.57 2.41 0.00	33.97 1.87 0.00	30.47 1.71 0.00	26.74 1.45 -1.60
RAVENSWOOD_GT3_4 24251	60.83 2.96 0.00	54.62 2.79 0.00	54.24 2.93 0.00	54.52 2.93 0.00	51.77 2.82 -0.30	53.98 2.65 0.00	52.61 2.69 0.00	53.26 3.03 0.00	62.93 3.43 0.00	70.87 3.91 0.00	55.92 3.64 0.00	70.20 4.34 0.00	63.99 4.44 0.00	106.35 7.15 -1.30	69.38 3.75 -11.85	53.31 3.10 -2.26	47.59 2.06 -13.83	45.58 2.54 -4.22	43.10 2.67 0.00	44.49 2.39 0.00	43.57 2.41 0.00	33.97 1.87 0.00	30.47 1.71 0.00	26.74 1.45 -1.60
RAVENSWOOD_GT_1 23729	60.57 2.71 0.00	54.47 2.64 0.00	54.21 2.89 0.00	54.36 2.77 0.00	51.67 2.73 -0.30	53.83 2.50 0.00	52.48 2.57 0.00	53.11 2.89 0.00	62.63 3.13 0.00	70.49 3.52 0.00	55.83 3.56 0.00	69.79 3.93 0.00	63.73 4.19 0.00	105.76 6.56 -1.30	69.04 3.40 -11.85	53.14 2.94 -2.26	47.59 2.06 -13.83	45.62 2.57 -4.22	43.07 2.64 0.00	44.43 2.33 0.00	43.59 2.43 0.00	33.99 1.90 0.00	30.54 1.78 0.00	26.77 1.48 -1.60
RAVENSWOOD_GT_10 24258	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.87 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.77 3.50 0.00	70.03 4.17 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.24 3.61 -11.85	53.19 2.98 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT_11 24259	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.87 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.77 3.50 0.00	70.03 4.17 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.24 3.61 -11.85	53.19 2.98 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT_4 24252	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.81 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.78 3.50 0.00	70.02 4.16 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.24 3.60 -11.85	53.19 2.99 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.01 2.58 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.66 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT_5 24254	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.81 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.78 3.50 0.00	70.02 4.16 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.24 3.60 -11.85	53.19 2.99 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.01 2.58 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.66 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT_6 24253	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.81 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.78 3.50 0.00	70.02 4.16 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.24 3.60 -11.85	53.19 2.99 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.01 2.58 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.66 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT_7 24255	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.81 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.78 3.50 0.00	70.02 4.16 0.00	63.81 4.27 0.00	106.06 6.86 -1.30	69.24 3.60 -11.85	53.19 2.99 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.01 2.58 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.66 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.87 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.77 3.50 0.00	70.03 4.17 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.24 3.61 -11.85	53.19 2.98 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60
RAVENSWOOD_GT_9 24257	60.69 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.87 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.78 3.28 0.00	70.71 3.75 0.00	55.77 3.50 0.00	70.03 4.17 0.00	63.81 4.27 0.00	106.07 6.88 -1.30	69.24 3.61 -11.85	53.19 2.98 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.40 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60

RAVENSWOOD___1 23533	60.50 2.64 0.00	54.41 2.57 0.00	54.15 2.84 0.00	54.30 2.71 0.00	51.62 2.68 -0.30	53.77 2.44 0.00	52.42 2.50 0.00	53.04 2.82 0.00	62.57 3.07 0.00	70.39 3.43 0.00	55.78 3.51 0.00	69.70 3.85 0.00	63.65 4.10 0.00	105.64 6.45 -1.30	68.96 3.32 -11.85	53.08 2.88 -2.25	47.57 2.04 -13.83	45.59 2.54 -4.22	43.03 2.60 0.00	44.41 2.30 0.00	43.57 2.42 0.00	33.97 1.88 0.00	30.52 1.76 0.00	26.75 1.46 -1.61
RAVENSWOOD___2 23534	60.22 2.36 0.00	54.22 2.39 0.00	53.97 2.66 0.00	54.11 2.52 0.00	51.45 2.50 -0.30	53.59 2.25 0.00	52.27 2.36 0.00	52.86 2.63 0.00	62.29 2.79 0.00	69.91 2.95 0.00	55.48 3.20 0.00	69.18 3.33 0.00	63.17 3.63 0.00	104.76 5.57 -1.30	68.47 2.84 -11.85	52.68 2.48 -2.25	47.41 1.88 -13.83	45.50 2.45 -4.22	42.95 2.52 0.00	44.32 2.21 0.00	43.49 2.33 0.00	33.91 1.81 0.00	30.46 1.70 0.00	26.70 1.41 -1.61
RAVENSWOOD___3 23535	60.68 2.83 0.00	54.50 2.67 0.00	54.12 2.81 0.00	54.39 2.80 0.00	51.66 2.71 -0.30	53.86 2.53 0.00	52.50 2.58 0.00	53.13 2.91 0.00	62.77 3.27 0.00	70.71 3.74 0.00	55.78 3.50 0.00	70.02 4.16 0.00	63.81 4.27 0.00	106.04 6.85 -1.30	69.24 3.61 -11.85	53.19 2.98 -2.26	47.51 1.98 -13.83	45.49 2.44 -4.22	43.00 2.57 0.00	44.41 2.30 0.00	43.48 2.33 0.00	33.89 1.80 0.00	30.41 1.65 0.00	26.69 1.40 -1.60
RAVENSWOOD___4 23820	60.43 2.58 0.00	54.36 2.52 0.00	54.10 2.79 0.00	54.25 2.66 0.00	51.57 2.63 -0.30	53.71 2.37 0.00	52.37 2.45 0.00	52.99 2.77 0.00	62.50 3.00 0.00	70.31 3.34 0.00	55.74 3.47 0.00	69.61 3.75 0.00	63.59 4.04 0.00	105.49 6.30 -1.30	68.89 3.25 -11.85	53.03 2.83 -2.25	47.55 2.02 -13.83	45.57 2.52 -4.22	43.00 2.58 0.00	44.37 2.26 0.00	43.54 2.39 0.00	33.95 1.86 0.00	30.50 1.74 0.00	26.74 1.45 -1.61
RCPL_TRUST___DRP 24196	60.75 2.89 0.00	54.56 2.73 0.00	54.17 2.86 0.00	54.45 2.86 0.00	51.71 2.76 -0.30	53.93 2.60 0.00	52.56 2.64 0.00	53.23 3.00 0.00	62.90 3.40 0.00	70.86 3.89 0.00	55.89 3.62 0.00	70.25 4.39 0.00	64.02 4.47 0.00	106.43 7.23 -1.30	69.44 3.80 -11.85	53.36 3.15 -2.26	47.64 2.10 -13.84	45.63 2.58 -4.22	43.10 2.68 0.00	44.46 2.35 0.00	43.52 2.37 0.00	33.92 1.83 0.00	30.43 1.67 0.00	26.71 1.42 -1.61
RED___ROCHESTER 323720	58.94 1.08 0.00	52.68 0.85 0.00	51.74 0.42 0.00	51.70 0.11 0.00	48.56 -0.09 0.00	51.51 0.17 0.00	50.11 0.20 0.00	50.34 0.12 0.00	59.40 -0.10 0.00	66.68 -0.29 0.00	51.58 -0.69 0.00	65.48 -0.37 0.00	58.83 -0.71 0.00	97.51 -0.39 0.00	53.54 -0.25 0.00	47.77 -0.18 0.00	31.34 -0.36 0.00	38.39 -0.43 0.00	39.90 -0.53 0.00	41.80 -0.30 0.00	40.94 -0.21 0.00	32.04 -0.05 0.00	28.57 -0.19 0.00	23.52 -0.16 0.00
REGAN___SOLAR 323812	61.92 4.06 0.00	55.39 3.55 0.00	54.71 3.39 0.00	54.99 3.40 0.00	51.79 3.14 0.00	54.73 3.39 0.00	53.33 3.41 0.00	53.66 3.43 0.00	63.63 4.13 0.00	71.64 4.68 0.00	55.84 3.56 0.00	69.89 4.03 0.00	62.48 2.93 0.00	103.05 5.15 0.00	56.64 2.85 0.00	50.53 2.58 0.00	33.57 1.87 0.00	41.20 2.38 0.00	42.92 2.50 0.00	44.81 2.70 0.00	43.87 2.71 0.00	34.13 2.04 0.00	30.53 1.77 0.00	25.07 1.39 0.00
RENSSELAER___COGEN 23796	58.14 0.28 0.00	52.33 0.50 0.00	52.28 0.96 0.00	52.72 1.13 0.00	49.76 1.11 0.00	52.44 1.10 0.00	50.59 0.67 0.00	51.09 0.86 0.00	60.27 0.77 0.00	67.84 0.88 0.00	52.93 0.66 0.00	66.65 0.79 0.00	60.47 0.93 0.00	98.83 0.93 0.00	54.41 0.62 0.00	48.43 0.48 0.00	32.10 0.40 0.00	39.21 0.39 0.00	40.74 0.31 0.00	42.35 0.25 0.00	41.44 0.28 0.00	32.45 0.35 0.00	29.14 0.39 0.00	24.23 0.28 -0.27
REPUBLIC_115KV_BARTNBK 55605	65.72 7.85 0.00	58.97 7.14 0.00	58.33 7.02 0.00	58.81 7.22 0.00	55.56 6.91 0.00	58.48 7.14 0.00	56.66 6.74 0.00	57.03 6.80 0.00	67.96 8.46 0.00	77.11 10.14 0.00	59.48 7.21 0.00	74.42 8.57 0.00	67.06 7.51 0.00	108.13 10.24 0.00	59.75 5.96 0.00	53.35 5.40 0.00	34.88 3.18 0.00	43.25 4.43 0.00	45.28 4.85 0.00	47.55 5.44 0.00	46.32 5.16 0.00	36.00 3.91 0.00	32.33 3.57 0.00	26.66 2.73 -0.24
REVERE_CPPR_DRP 24186	60.60 2.74 0.00	54.13 2.30 0.00	53.47 2.16 0.00	53.80 2.20 -0.01	50.65 2.00 0.00	53.52 2.18 0.00	52.15 2.23 0.00	52.35 2.12 0.00	62.14 2.64 0.00	69.95 2.99 0.00	54.44 2.16 0.00	68.39 2.53 0.00	61.49 1.95 0.00	101.60 3.71 0.00	55.62 1.83 0.00	49.46 1.51 0.00	32.90 1.20 0.00	40.34 1.51 0.00	41.97 1.54 0.00	43.79 1.68 0.00	42.90 1.75 0.00	33.47 1.37 0.00	29.85 1.10 0.00	24.57 0.88 0.00
REYNLDPA_13_KV_LD 356490	58.30 0.43 0.00	52.19 0.35 0.00	51.55 0.24 0.00	51.71 0.12 0.00	48.77 0.12 0.00	51.45 0.11 0.00	50.21 0.29 0.00	50.55 0.33 0.00	59.94 0.44 0.00	67.51 0.54 0.00	52.78 0.50 0.00	66.48 0.62 0.00	59.79 0.25 0.00	98.52 0.63 0.00	53.75 -0.04 0.00	48.49 0.54 0.00	32.00 0.31 0.00	39.33 0.50 0.00	41.01 0.58 0.00	42.85 0.74 0.00	41.83 0.67 0.00	32.41 0.31 0.00	29.06 0.30 0.00	23.96 0.27 0.00
REYNOLDS_115KV_TB3 80639	58.69 0.83 0.00	52.81 0.97 0.00	52.66 1.35 0.00	53.09 1.49 0.00	50.09 1.44 0.00	52.81 1.47 0.00	50.98 1.06 0.00	51.50 1.27 0.00	60.77 1.27 0.00	68.43 1.47 0.00	53.37 1.09 0.00	67.18 1.32 0.00	60.96 1.41 0.00	99.52 1.62 0.00	54.80 1.02 0.00	48.80 0.85 0.00	32.30 0.60 0.00	39.47 0.65 0.00	41.03 0.60 0.00	42.66 0.55 0.00	41.76 0.60 0.00	32.66 0.57 0.00	29.36 0.60 0.00	24.42 0.46 -0.27
RIVERBAY____ 323610	62.67 4.81 0.00	56.36 4.53 0.00	56.20 4.89 0.00	56.27 4.67 0.00	53.44 4.49 -0.30	55.78 4.44 0.00	54.43 4.51 0.00	54.97 4.75 0.00	64.66 5.15 0.00	72.70 5.74 0.00	57.62 5.34 0.00	71.80 5.94 0.00	65.63 6.09 0.00	108.90 9.70 -1.30	70.80 5.16 -11.85	54.75 4.55 -2.26	48.47 2.94 -13.83	46.68 3.63 -4.22	44.23 3.80 0.00	45.67 3.56 0.00	44.81 3.66 0.00	34.87 2.78 0.00	31.26 2.50 0.00	27.35 2.06 -1.60
RIVERSDE_115KV_TB3 55908	58.56 0.70 0.00	52.68 0.84 0.00	52.56 1.25 0.00	52.98 1.39 0.00	49.99 1.34 0.00	52.70 1.36 0.00	50.87 0.95 0.00	51.39 1.16 0.00	60.65 1.14 0.00	68.27 1.31 0.00	53.26 0.98 0.00	67.05 1.19 0.00	60.83 1.29 0.00	99.36 1.46 0.00	54.72 0.93 0.00	48.70 0.75 0.00	32.27 0.57 0.00	39.41 0.59 0.00	40.95 0.52 0.00	42.57 0.47 0.00	41.67 0.51 0.00	32.61 0.51 0.00	29.29 0.53 0.00	24.36 0.40 -0.27
ROARING___BROOK_WT_PWR 323790	57.59 -0.27 0.00	51.58 -0.25 0.00	51.01 -0.30 0.00	51.26 -0.33 0.00	48.31 -0.34 0.00	51.09 -0.25 0.00	49.84 -0.08 0.00	50.09 -0.13 0.00	59.28 -0.22 0.00	66.79 -0.17 0.00	52.22 -0.06 0.00	65.81 -0.05 0.00	59.38 -0.17 0.00	97.74 -0.15 0.00	53.66 -0.13 0.00	47.86 -0.09 0.00	31.61 -0.09 0.00	38.71 -0.12 0.00	40.28 -0.15 0.00	41.99 -0.12 0.00	41.11 -0.05 0.00	31.92 -0.17 0.00	28.60 -0.16 0.00	23.58 -0.10 0.00

ROCHESRG_115KV_T4 355643	57.98 0.12 0.00	51.89 0.05 0.00	51.04 -0.27 0.00	51.03 -0.57 0.00	47.93 -0.72 0.00	50.84 -0.50 0.00	49.45 -0.47 0.00	49.66 -0.57 0.00	58.57 -0.93 0.00	65.77 -1.20 0.00	50.85 -1.43 0.00	64.52 -1.34 0.00	57.96 -1.58 0.00	96.01 -1.89 0.00	52.72 -1.07 0.00	47.07 -0.88 0.00	30.88 -0.82 0.00	37.86 -0.96 0.00	39.35 -1.07 0.00	41.21 -0.90 0.00	40.36 -0.79 0.00	31.60 -0.49 0.00	28.21 -0.55 0.00	23.24 -0.45 0.00
ROCHESTER_9_IC 23652	58.47 0.61 0.00	52.30 0.47 0.00	51.40 0.08 0.00	51.38 -0.21 0.00	48.26 -0.39 0.00	51.19 -0.15 0.00	49.80 -0.12 0.00	50.03 -0.20 0.00	59.01 -0.50 0.00	66.25 -0.71 0.00	51.22 -1.06 0.00	65.02 -0.83 0.00	58.42 -1.13 0.00	96.78 -1.12 0.00	53.16 -0.64 0.00	47.43 -0.52 0.00	31.12 -0.58 0.00	38.13 -0.69 0.00	39.62 -0.81 0.00	41.52 -0.58 0.00	40.67 -0.49 0.00	31.83 -0.27 0.00	28.39 -0.37 0.00	23.38 -0.30 0.00
ROCKVIEW_13_KV_LD 356306	61.00 3.14 0.00	54.74 2.91 0.00	54.32 3.01 0.00	54.60 3.01 0.00	51.82 2.87 -0.30	54.08 2.75 0.00	52.68 2.76 0.00	53.29 3.06 0.00	62.97 3.48 0.00	71.02 4.05 0.00	55.95 3.67 0.00	70.37 4.51 0.00	64.14 4.59 0.00	106.65 7.45 -1.30	69.61 3.98 -11.85	53.45 3.25 -2.26	47.65 2.12 -13.83	45.60 2.56 -4.22	43.08 2.65 0.00	44.49 2.38 0.00	43.56 2.40 0.00	33.94 1.85 0.00	30.44 1.68 0.00	26.70 1.41 -1.61
ROME____115KV_TB2 80656	60.60 2.74 0.00	54.13 2.30 0.00	53.47 2.16 0.00	53.80 2.20 -0.01	50.65 2.00 0.00	53.52 2.18 0.00	52.15 2.23 0.00	52.35 2.12 0.00	62.14 2.64 0.00	69.95 2.99 0.00	54.44 2.16 0.00	68.39 2.53 0.00	61.49 1.95 0.00	101.60 3.71 0.00	55.62 1.83 0.00	49.46 1.51 0.00	32.90 1.20 0.00	40.34 1.51 0.00	41.97 1.54 0.00	43.79 1.68 0.00	42.90 1.75 0.00	33.47 1.37 0.00	29.85 1.10 0.00	24.57 0.88 0.00
ROSETON___1 23587	59.75 1.89 0.00	53.60 1.77 0.00	53.20 1.89 0.00	53.55 1.96 0.00	50.52 1.87 0.00	53.10 1.76 0.00	51.64 1.72 0.00	52.18 1.96 0.00	61.68 2.18 0.00	69.55 2.58 0.00	54.61 2.33 0.00	68.72 2.86 0.00	62.57 3.02 0.00	102.60 4.70 0.00	56.34 2.55 0.00	50.00 2.05 0.00	33.04 1.34 0.00	40.44 1.62 0.00	42.09 1.66 0.00	43.56 1.45 0.00	42.66 1.50 0.00	33.24 1.14 0.00	29.81 1.05 0.00	24.58 0.89 0.00
ROSETON___2 23588	59.75 1.89 0.00	53.60 1.77 0.00	53.20 1.89 0.00	53.55 1.96 0.00	50.52 1.87 0.00	53.10 1.76 0.00	51.64 1.72 0.00	52.18 1.96 0.00	61.68 2.18 0.00	69.55 2.58 0.00	54.61 2.33 0.00	68.72 2.86 0.00	62.57 3.02 0.00	102.60 4.70 0.00	56.34 2.55 0.00	50.00 2.05 0.00	33.04 1.34 0.00	40.44 1.62 0.00	42.09 1.66 0.00	43.56 1.45 0.00	42.66 1.50 0.00	33.24 1.14 0.00	29.81 1.05 0.00	24.58 0.89 0.00
ROTTRDAM_115KV_TB3 80664	59.40 1.54 0.00	53.23 1.40 0.00	52.84 1.53 0.00	53.23 1.63 0.00	50.19 1.54 0.00	52.91 1.57 0.00	51.35 1.43 0.00	51.73 1.50 0.00	61.18 1.68 0.00	68.89 1.93 0.00	53.73 1.45 0.00	67.66 1.80 0.00	61.21 1.67 0.00	100.23 2.33 0.00	55.16 1.37 0.00	49.12 1.17 0.00	32.46 0.77 0.00	39.76 0.93 0.00	41.40 0.97 0.00	43.08 0.97 0.00	42.18 1.02 0.00	32.90 0.80 0.00	29.50 0.74 0.00	24.51 0.59 -0.23
RUSSELL___1 23602	58.94 1.07 0.00	52.68 0.85 0.00	51.73 0.42 0.00	51.71 0.12 0.00	48.56 -0.09 0.00	51.51 0.17 0.00	50.11 0.19 0.00	50.34 0.12 0.00	59.40 -0.10 0.00	66.68 -0.28 0.00	51.58 -0.70 0.00	65.48 -0.37 0.00	58.83 -0.71 0.00	97.50 -0.40 0.00	53.55 -0.24 0.00	47.77 -0.18 0.00	31.34 -0.36 0.00	38.39 -0.43 0.00	39.90 -0.53 0.00	41.82 -0.28 0.00	40.94 -0.21 0.00	32.04 -0.05 0.00	28.57 -0.19 0.00	23.51 -0.17 0.00
RUSSELL___2 23532	58.94 1.07 0.00	52.68 0.85 0.00	51.73 0.42 0.00	51.71 0.12 0.00	48.56 -0.09 0.00	51.51 0.17 0.00	50.11 0.19 0.00	50.34 0.12 0.00	59.40 -0.10 0.00	66.68 -0.28 0.00	51.58 -0.70 0.00	65.48 -0.37 0.00	58.83 -0.71 0.00	97.50 -0.40 0.00	53.55 -0.24 0.00	47.77 -0.18 0.00	31.34 -0.36 0.00	38.39 -0.43 0.00	39.90 -0.53 0.00	41.82 -0.28 0.00	40.94 -0.21 0.00	32.04 -0.05 0.00	28.57 -0.19 0.00	23.51 -0.17 0.00
RUSSELL___3 23549	58.94 1.07 0.00	52.68 0.85 0.00	51.73 0.42 0.00	51.71 0.12 0.00	48.56 -0.09 0.00	51.51 0.17 0.00	50.11 0.19 0.00	50.34 0.12 0.00	59.40 -0.10 0.00	66.68 -0.28 0.00	51.58 -0.70 0.00	65.48 -0.37 0.00	58.83 -0.71 0.00	97.50 -0.40 0.00	53.55 -0.24 0.00	47.77 -0.18 0.00	31.34 -0.36 0.00	38.39 -0.43 0.00	39.90 -0.53 0.00	41.82 -0.28 0.00	40.94 -0.21 0.00	32.04 -0.05 0.00	28.57 -0.19 0.00	23.51 -0.17 0.00
RUSSELL___4 23556	58.94 1.07 0.00	52.68 0.85 0.00	51.73 0.42 0.00	51.71 0.12 0.00	48.56 -0.09 0.00	51.51 0.17 0.00	50.11 0.19 0.00	50.34 0.12 0.00	59.40 -0.10 0.00	66.68 -0.28 0.00	51.58 -0.70 0.00	65.48 -0.37 0.00	58.83 -0.71 0.00	97.50 -0.40 0.00	53.55 -0.24 0.00	47.77 -0.18 0.00	31.34 -0.36 0.00	38.39 -0.43 0.00	39.90 -0.53 0.00	41.82 -0.28 0.00	40.94 -0.21 0.00	32.04 -0.05 0.00	28.57 -0.19 0.00	23.51 -0.17 0.00
RUSSELL___STATION 23914	58.94 1.07 0.00	52.68 0.85 0.00	51.73 0.42 0.00	51.71 0.12 0.00	48.56 -0.09 0.00	51.51 0.17 0.00	50.11 0.19 0.00	50.34 0.12 0.00	59.40 -0.10 0.00	66.68 -0.28 0.00	51.58 -0.70 0.00	65.48 -0.37 0.00	58.83 -0.71 0.00	97.50 -0.40 0.00	53.55 -0.24 0.00	47.77 -0.18 0.00	31.34 -0.36 0.00	38.39 -0.43 0.00	39.90 -0.53 0.00	41.82 -0.28 0.00	40.94 -0.21 0.00	32.04 -0.05 0.00	28.57 -0.19 0.00	23.51 -0.17 0.00
S SALMON___HYD 24043	58.09 0.23 0.00	51.85 0.02 0.00	51.23 -0.08 0.00	51.46 -0.18 -0.05	48.38 -0.27 0.00	51.19 -0.14 0.00	49.84 -0.08 0.00	49.95 -0.27 0.00	59.12 -0.38 0.00	66.48 -0.48 0.00	51.77 -0.51 0.00	64.81 -1.04 0.00	58.49 -1.06 0.00	96.58 -1.32 0.00	52.85 -0.94 0.00	47.05 -0.90 0.00	31.22 -0.48 0.00	38.31 -0.51 0.00	39.82 -0.61 0.00	41.48 -0.62 0.00	41.04 -0.12 0.00	32.07 -0.02 0.00	28.69 -0.06 0.00	23.63 -0.06 0.00
S.PERRY__115KV_TB1 80734	58.96 1.10 0.00	52.60 0.77 0.00	51.34 0.02 0.00	51.22 -0.37 0.00	48.01 -0.64 0.00	50.92 -0.42 0.00	49.56 -0.36 0.00	49.73 -0.50 0.00	58.60 -0.90 0.00	65.92 -1.05 0.00	51.04 -1.24 0.00	64.71 -1.15 0.00	57.73 -1.82 0.00	95.87 -2.03 0.00	52.73 -1.05 0.00	46.88 -1.07 0.00	30.82 -0.88 0.00	37.76 -1.06 0.00	39.21 -1.22 0.00	40.86 -1.25 0.00	40.46 -0.70 0.00	31.73 -0.37 0.00	28.19 -0.57 0.00	23.27 -0.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	57.52 -0.34 0.00	51.58 -0.25 0.00	50.56 -0.75 0.00	50.46 -1.13 0.00	47.19 -1.46 0.00	49.98 -1.36 0.00	48.57 -1.35 0.00	48.59 -1.64 0.00	57.18 -2.32 0.00	64.23 -2.74 0.00	49.17 -3.11 0.00	62.80 -3.05 0.00	55.95 -3.60 0.00	93.45 -4.45 0.00	51.26 -2.53 0.00	45.78 -2.17 0.00	29.75 -1.95 0.00	36.62 -2.20 0.00	38.08 -2.34 0.00	39.97 -2.14 0.00	39.14 -2.02 0.00	30.71 -1.39 0.00	27.41 -1.34 0.00	22.69 -0.99 0.00

SAWYER___23_KV_LOAD 55526	57.52 -0.34 0.00	51.58 -0.25 0.00	50.56 -0.75 0.00	50.46 -1.13 0.00	47.19 -1.46 0.00	49.98 -1.36 0.00	48.57 -1.35 0.00	48.59 -1.64 0.00	57.18 -2.32 0.00	64.23 -2.74 0.00	49.17 -3.11 0.00	62.80 -3.05 0.00	55.95 -3.60 0.00	93.45 -4.45 0.00	51.26 -2.53 0.00	45.78 -2.17 0.00	29.75 -1.95 0.00	36.62 -2.20 0.00	38.08 -2.34 0.00	39.97 -2.14 0.00	39.14 -2.02 0.00	30.71 -1.39 0.00	27.41 -1.34 0.00	22.69 -0.99 0.00
SELKIRK___I 23801	57.80 -0.06 0.00	52.65 0.82 0.00	52.58 1.27 0.00	53.11 1.52 0.00	50.10 1.45 0.00	52.83 1.49 0.00	51.05 1.13 0.00	51.51 1.28 0.00	60.76 1.26 0.00	68.41 1.45 0.00	53.37 1.10 0.00	67.18 1.32 0.00	60.92 1.37 0.00	99.61 1.71 0.00	54.79 1.00 0.00	48.74 0.79 0.00	32.30 0.60 0.00	39.49 0.67 0.00	41.08 0.65 0.00	42.73 0.62 0.00	41.81 0.65 0.00	32.69 0.60 0.00	29.34 0.59 0.00	24.39 0.46 -0.24
SELKIRK___II 23799	57.89 0.03 0.00	52.24 0.41 0.00	52.26 0.95 0.00	52.81 1.22 0.00	49.81 1.16 0.00	52.49 1.15 0.00	50.74 0.83 0.00	51.20 0.97 0.00	60.44 0.94 0.00	68.05 1.09 0.00	53.13 0.86 0.00	66.92 1.06 0.00	60.71 1.17 0.00	99.30 1.40 0.00	54.63 0.84 0.00	48.61 0.66 0.00	32.19 0.49 0.00	39.35 0.53 0.00	40.92 0.48 0.00	42.53 0.43 0.00	41.63 0.47 0.00	32.54 0.44 0.00	29.21 0.45 0.00	24.30 0.35 -0.26
SENECA OSWGO___HYD 24041	56.93 -0.93 0.00	50.95 -0.88 0.00	50.32 -0.99 0.00	50.59 -1.08 -0.08	47.60 -1.04 0.00	50.21 -1.13 0.00	48.78 -1.14 0.00	48.99 -1.24 0.00	57.82 -1.68 0.00	64.91 -2.05 0.00	50.57 -1.71 0.00	63.63 -2.23 0.00	57.55 -2.00 0.00	94.73 -3.17 0.00	52.05 -1.73 0.00	46.45 -1.49 0.00	30.76 -0.94 0.00	37.68 -1.14 0.00	39.25 -1.18 0.00	40.95 -1.15 0.00	40.22 -0.94 0.00	31.49 -0.60 0.00	28.17 -0.58 0.00	23.18 -0.50 0.00
SENECA___115KV_TB3 355854	58.07 0.21 0.00	52.06 0.23 0.00	50.94 -0.37 0.00	50.86 -0.73 0.00	47.52 -1.13 0.00	50.35 -0.99 0.00	48.99 -0.93 0.00	49.01 -1.22 0.00	57.76 -1.74 0.00	64.98 -1.98 0.00	49.81 -2.47 0.00	63.61 -2.25 0.00	56.62 -2.92 0.00	94.61 -3.29 0.00	51.92 -1.87 0.00	46.31 -1.64 0.00	30.11 -1.59 0.00	37.01 -1.81 0.00	38.46 -1.97 0.00	40.35 -1.75 0.00	39.57 -1.59 0.00	31.00 -1.10 0.00	27.66 -1.10 0.00	22.89 -0.80 0.00
SENECA___ENERGY 23797	58.20 0.34 0.00	52.10 0.26 0.00	51.19 -0.12 0.00	51.33 -0.29 -0.03	48.37 -0.28 0.00	51.14 -0.19 0.00	49.69 -0.23 0.00	49.92 -0.31 0.00	59.05 -0.45 0.00	66.44 -0.52 0.00	51.42 -0.86 0.00	64.98 -0.87 0.00	58.66 -0.88 0.00	96.64 -1.26 0.00	53.14 -0.65 0.00	47.45 -0.50 0.00	31.36 -0.34 0.00	38.41 -0.41 0.00	39.92 -0.51 0.00	41.58 -0.53 0.00	40.85 -0.31 0.00	31.93 -0.16 0.00	28.50 -0.26 0.00	23.45 -0.24 0.00
SHOEMAKER___GT 23640	59.75 1.90 0.00	53.57 1.74 0.00	53.11 1.80 0.00	53.46 1.86 0.00	50.16 1.77 0.26	53.02 1.68 0.00	51.58 1.67 0.00	52.04 1.82 0.00	61.56 2.06 0.00	69.42 2.46 0.00	54.36 2.09 0.00	68.45 2.60 0.00	62.34 2.79 0.00	102.33 4.55 0.11	55.09 2.33 1.03	49.69 1.93 0.20	31.78 1.28 1.20	39.99 1.54 0.37	41.99 1.56 0.00	43.49 1.38 0.00	42.58 1.43 0.00	33.18 1.09 0.00	29.74 0.98 0.00	23.19 0.80 1.30
SHOEMAKR_138KV_BK 111 55601	59.73 1.87 0.00	53.54 1.71 0.00	53.08 1.76 0.00	53.42 1.83 0.00	50.14 1.74 0.24	52.99 1.65 0.00	51.55 1.63 0.00	52.02 1.79 0.00	61.51 2.01 0.00	69.39 2.42 0.00	54.38 2.10 0.00	68.47 2.61 0.00	62.34 2.79 0.00	102.35 4.56 0.11	55.18 2.36 0.97	49.70 1.93 0.18	31.85 1.28 1.13	40.00 1.53 0.35	41.98 1.55 0.00	43.47 1.37 0.00	42.58 1.42 0.00	33.17 1.08 0.00	29.71 0.96 0.00	23.24 0.80 1.25
SHOREHAM_IC_1 23715	64.39 3.64 -2.90	60.04 3.35 -4.85	54.60 3.29 0.00	54.72 3.13 0.00	51.68 2.73 -0.30	53.91 2.57 0.00	52.44 2.52 0.00	52.82 2.60 0.00	62.26 2.76 0.00	71.56 4.42 -0.18	59.63 4.20 -3.16	70.53 4.97 0.29	68.74 5.15 -4.05	133.68 8.13 -27.65	80.21 4.31 -22.11	54.48 3.12 -3.41	47.33 1.81 -13.83	45.19 2.14 -4.22	42.79 2.36 0.00	43.89 1.78 0.00	42.98 1.83 0.00	33.47 1.38 0.00	29.98 1.22 0.00	26.51 1.22 -1.60
SHOREHAM_IC_2 23716	64.39 3.63 -2.90	60.03 3.35 -4.85	54.60 3.29 0.00	54.72 3.13 0.00	51.68 2.73 -0.30	53.91 2.57 0.00	52.44 2.52 0.00	52.83 2.60 0.00	62.26 2.76 0.00	71.56 4.42 -0.18	59.63 4.20 -3.16	70.53 4.97 0.29	68.74 5.15 -4.05	133.75 8.21 -27.65	80.20 4.30 -22.11	54.48 3.12 -3.41	47.33 1.80 -13.83	45.19 2.14 -4.22	42.79 2.36 0.00	43.88 1.77 0.00	42.98 1.83 0.00	33.48 1.38 0.00	29.98 1.22 0.00	26.51 1.23 -1.60
SISSONVILLE____ 23735	58.62 0.76 0.00	52.40 0.56 0.00	51.73 0.41 0.00	51.90 0.30 -0.01	49.08 0.43 0.00	51.90 0.56 0.00	50.72 0.80 0.00	51.08 0.85 0.00	60.50 1.00 0.00	67.82 0.85 0.00	52.99 0.71 0.00	66.40 0.54 0.00	58.80 -0.75 0.00	97.50 -0.39 0.00	53.60 -0.19 0.00	48.08 0.13 0.00	31.83 0.13 0.00	39.15 0.33 0.00	40.71 0.28 0.00	42.55 0.45 0.00	41.82 0.66 0.00	32.53 0.43 0.00	29.28 0.52 0.00	24.24 0.56 0.00
SITHE_IND_GS1 24169	56.16 -1.70 0.00	50.26 -1.57 0.00	49.66 -1.66 0.00	49.61 -1.75 0.23	47.00 -1.65 0.00	49.58 -1.76 0.00	48.18 -1.74 0.00	48.40 -1.83 0.00	57.16 -2.34 0.00	64.21 -2.76 0.00	50.05 -2.23 0.00	63.04 -2.82 0.00	57.00 -2.54 0.00	93.79 -4.11 0.00	51.54 -2.24 0.00	45.98 -1.97 0.00	30.44 -1.25 0.00	37.27 -1.56 0.00	38.81 -1.62 0.00	40.47 -1.63 0.00	39.69 -1.47 0.00	31.06 -1.04 0.00	27.80 -0.95 0.00	22.90 -0.79 0.00
SITHE_IND_GS2 24170	56.16 -1.70 0.00	50.26 -1.57 0.00	49.66 -1.66 0.00	49.61 -1.75 0.23	47.00 -1.65 0.00	49.58 -1.76 0.00	48.18 -1.74 0.00	48.40 -1.83 0.00	57.16 -2.34 0.00	64.21 -2.76 0.00	50.05 -2.23 0.00	63.04 -2.82 0.00	57.00 -2.54 0.00	93.79 -4.11 0.00	51.54 -2.24 0.00	45.98 -1.97 0.00	30.44 -1.25 0.00	37.27 -1.56 0.00	38.81 -1.62 0.00	40.47 -1.63 0.00	39.69 -1.47 0.00	31.06 -1.04 0.00	27.80 -0.95 0.00	22.90 -0.79 0.00
SITHE_IND_GS3 24171	56.16 -1.70 0.00	50.26 -1.57 0.00	49.66 -1.66 0.00	49.61 -1.75 0.23	47.00 -1.65 0.00	49.58 -1.76 0.00	48.18 -1.74 0.00	48.40 -1.83 0.00	57.16 -2.34 0.00	64.21 -2.76 0.00	50.05 -2.23 0.00	63.04 -2.82 0.00	57.00 -2.54 0.00	93.79 -4.11 0.00	51.54 -2.24 0.00	45.98 -1.97 0.00	30.44 -1.25 0.00	37.27 -1.56 0.00	38.81 -1.62 0.00	40.47 -1.63 0.00	39.69 -1.47 0.00	31.06 -1.04 0.00	27.80 -0.95 0.00	22.90 -0.79 0.00
SITHE_IND_GS4 24172	56.16 -1.70 0.00	50.26 -1.57 0.00	49.66 -1.66 0.00	49.61 -1.75 0.23	47.00 -1.65 0.00	49.58 -1.76 0.00	48.18 -1.74 0.00	48.40 -1.83 0.00	57.16 -2.34 0.00	64.21 -2.76 0.00	50.05 -2.23 0.00	63.04 -2.82 0.00	57.00 -2.54 0.00	93.79 -4.11 0.00	51.54 -2.24 0.00	45.98 -1.97 0.00	30.44 -1.25 0.00	37.27 -1.56 0.00	38.81 -1.62 0.00	40.47 -1.63 0.00	39.69 -1.47 0.00	31.06 -1.04 0.00	27.80 -0.95 0.00	22.90 -0.79 0.00

SITHE___BATAVIA 24024	59.47 1.62 0.00	53.30 1.47 0.00	52.29 0.98 0.00	52.15 0.56 0.00	48.86 0.21 0.00	51.79 0.45 0.00	50.32 0.40 0.00	50.35 0.13 0.00	59.31 -0.18 0.00	66.52 -0.44 0.00	51.12 -1.16 0.00	65.61 -0.25 0.00	58.43 -1.11 0.00	97.00 -0.90 0.00	53.35 -0.44 0.00	47.64 -0.31 0.00	31.01 -0.69 0.00	37.90 -0.92 0.00	39.12 -1.31 0.00	41.21 -0.90 0.00	40.54 -0.62 0.00	31.80 -0.29 0.00	28.37 -0.39 0.00	23.42 -0.27 0.00
SITHE___INDEPEND 23800	56.16 -1.70 0.00	50.26 -1.57 0.00	49.66 -1.65 0.00	49.61 -1.75 0.23	47.00 -1.65 0.00	49.58 -1.76 0.00	48.18 -1.74 0.00	48.40 -1.83 0.00	57.15 -2.35 0.00	64.21 -2.76 0.00	50.04 -2.23 0.00	63.04 -2.82 0.00	57.00 -2.54 0.00	93.78 -4.12 0.00	51.55 -2.24 0.00	45.98 -1.97 0.00	30.44 -1.25 0.00	37.27 -1.55 0.00	38.81 -1.62 0.00	40.47 -1.64 0.00	39.69 -1.47 0.00	31.06 -1.04 0.00	27.80 -0.95 0.00	22.90 -0.79 0.00
SITHE___MASSENA 23902	58.34 0.48 0.00	52.20 0.37 0.00	51.56 0.25 0.00	51.72 0.13 0.00	48.79 0.15 0.00	51.49 0.15 0.00	50.27 0.35 0.00	50.67 0.44 0.00	60.07 0.57 0.00	67.59 0.62 0.00	52.84 0.56 0.00	66.48 0.63 0.00	59.11 -0.44 0.00	98.34 0.44 0.00	54.07 0.28 0.00	48.49 0.54 0.00	32.00 0.31 0.00	39.33 0.51 0.00	40.98 0.55 0.00	42.83 0.72 0.00	41.87 0.72 0.00	32.45 0.36 0.00	29.11 0.36 0.00	24.02 0.33 0.00
SITHE___OGDNSBRG 24021	59.65 1.79 0.00	53.32 1.49 0.00	52.62 1.30 0.00	52.74 1.15 0.00	49.78 1.13 0.00	52.60 1.27 0.00	51.43 1.52 0.00	51.73 1.50 0.00	61.16 1.66 0.00	68.50 1.54 0.00	53.49 1.22 0.00	66.78 0.92 0.00	59.20 -0.34 0.00	98.78 0.88 0.00	54.35 0.57 0.00	48.78 0.83 0.00	32.42 0.73 0.00	39.89 1.07 0.00	41.34 0.91 0.00	43.23 1.13 0.00	42.74 1.58 0.00	33.18 1.09 0.00	29.77 1.01 0.00	24.56 0.87 0.00
SITHE___STERLING 23777	59.85 1.99 0.00	53.50 1.67 0.00	52.86 1.55 0.00	53.16 1.56 -0.01	50.07 1.42 0.00	52.88 1.55 0.00	51.49 1.57 0.00	51.73 1.50 0.00	61.33 1.83 0.00	69.00 2.04 0.00	53.71 1.44 0.00	67.57 1.71 0.00	60.88 1.33 0.00	100.51 2.61 0.00	55.03 1.24 0.00	48.98 1.03 0.00	32.51 0.81 0.00	39.83 1.01 0.00	41.48 1.06 0.00	43.25 1.15 0.00	42.36 1.21 0.00	33.03 0.94 0.00	29.50 0.75 0.00	24.26 0.57 0.00
SLEIGHT__34_KV_TB1 80719	58.05 0.19 0.00	51.88 0.04 0.00	51.05 -0.27 0.00	51.12 -0.48 -0.01	48.10 -0.55 0.00	50.98 -0.36 0.00	49.63 -0.28 0.00	49.84 -0.38 0.00	58.86 -0.64 0.00	66.09 -0.88 0.00	51.14 -1.13 0.00	64.72 -1.14 0.00	58.33 -1.21 0.00	96.31 -1.58 0.00	52.90 -0.89 0.00	47.30 -0.65 0.00	31.14 -0.56 0.00	38.15 -0.67 0.00	39.64 -0.78 0.00	41.40 -0.71 0.00	40.64 -0.52 0.00	31.79 -0.30 0.00	28.33 -0.43 0.00	23.31 -0.37 0.00
SMITHTWN_69_KV_BK 1 55830	65.49 4.55 -3.08	61.06 4.19 -5.04	55.36 4.05 0.00	55.41 3.82 0.00	52.37 3.42 -0.30	54.57 3.23 0.00	52.99 3.07 0.00	53.36 3.13 0.00	62.91 3.41 0.00	72.29 5.15 -0.18	59.97 4.74 -2.95	71.24 5.59 0.20	69.39 5.72 -4.12	121.39 8.98 -14.51	78.54 4.69 -20.07	53.58 3.51 -2.13	47.60 2.08 -13.83	45.56 2.52 -4.22	43.36 2.93 0.00	44.61 2.51 0.00	43.67 2.51 0.00	33.99 1.90 0.00	30.48 1.72 0.00	26.89 1.61 -1.60
SOUTH CAIRO___GT 23612	60.46 2.60 0.00	54.48 2.65 0.00	54.34 3.03 0.00	54.84 3.24 0.00	51.69 3.04 0.00	54.56 3.22 0.00	52.73 2.81 0.00	53.14 2.92 0.00	62.82 3.32 0.00	70.84 3.88 0.00	55.09 2.81 0.00	69.43 3.58 0.00	63.00 3.45 0.00	102.79 4.89 0.00	56.34 2.55 0.00	50.03 2.08 0.00	33.28 1.58 0.00	40.60 1.78 0.00	42.23 1.80 0.00	43.95 1.85 0.00	42.97 1.81 0.00	33.57 1.48 0.00	30.06 1.30 0.00	24.66 0.98 0.00
SOUTH HAMPTN___IC 23720	65.12 4.42 -2.84	60.66 4.04 -4.78	55.40 4.09 0.00	55.76 4.17 0.00	52.59 3.64 -0.30	55.04 3.71 0.00	53.71 3.79 0.00	54.15 3.92 0.00	63.91 4.40 0.00	73.48 6.34 -0.18	61.13 5.73 -3.12	72.45 6.91 0.32	70.44 6.88 -4.02	135.62 10.90 -26.82	81.58 5.82 -21.97	55.79 4.53 -3.31	48.17 2.65 -13.83	46.13 3.08 -4.22	43.59 3.17 0.00	44.46 2.36 0.00	43.55 2.39 0.00	33.96 1.86 0.00	30.34 1.58 0.00	26.82 1.54 -1.60
SOUTHDOW_115KV_TB1 355954	59.22 1.36 0.00	53.24 1.40 0.00	52.02 0.70 0.00	51.97 0.38 0.00	48.19 -0.46 0.00	51.06 -0.28 0.00	50.15 0.23 0.00	50.18 -0.05 0.00	60.01 0.51 0.00	68.16 1.19 0.00	52.43 0.15 0.00	66.27 0.41 0.00	58.80 -0.75 0.00	98.38 0.48 0.00	54.13 0.34 0.00	48.15 0.20 0.00	31.13 -0.56 0.00	37.87 -0.95 0.00	39.30 -1.13 0.00	41.31 -0.79 0.00	40.60 -0.56 0.00	31.62 -0.47 0.00	28.31 -0.45 0.00	23.37 -0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	65.46 4.76 -2.84	60.97 4.35 -4.78	56.04 4.73 0.00	56.84 5.25 0.00	53.51 4.56 -0.30	56.32 4.98 0.00	55.22 5.31 0.00	55.74 5.51 0.00	65.82 6.32 0.00	75.03 7.89 -0.18	61.98 6.58 -3.12	73.54 8.01 0.32	71.34 7.77 -4.02	137.20 12.39 -26.91	82.26 6.49 -21.99	56.34 5.08 -3.32	48.46 2.94 -13.83	46.35 3.30 -4.22	43.55 3.12 0.00	43.97 1.86 0.00	43.47 2.32 0.00	34.24 2.14 0.00	30.48 1.73 0.00	26.79 1.51 -1.60
SOUTHOLD___IC 23719	65.46 4.76 -2.84	60.97 4.36 -4.78	56.04 4.73 0.00	56.84 5.25 0.00	53.51 4.56 -0.30	56.32 4.98 0.00	55.23 5.31 0.00	55.73 5.51 0.00	65.82 6.32 0.00	75.04 7.89 -0.18	61.99 6.59 -3.12	73.55 8.01 0.32	71.33 7.77 -4.02	137.13 12.32 -26.91	82.25 6.48 -21.99	56.35 5.08 -3.32	48.47 2.94 -13.83	46.35 3.31 -4.22	43.55 3.13 0.00	43.97 1.86 0.00	43.47 2.32 0.00	34.23 2.14 0.00	30.48 1.73 0.00	26.79 1.51 -1.60
SOUTH_FORK_WT_PWR 323839	64.59 3.89 -2.84	60.27 3.66 -4.78	55.58 4.27 0.00	56.79 5.20 0.00	53.40 4.46 -0.30	56.42 5.08 0.00	55.52 5.60 0.00	56.03 5.80 0.00	66.09 6.59 0.00	75.78 8.64 -0.18	62.80 7.40 -3.12	74.62 9.08 0.32	72.22 8.65 -4.02	138.58 13.82 -26.86	83.06 7.29 -21.98	57.10 5.84 -3.31	48.95 3.43 -13.83	46.86 3.81 -4.22	43.87 3.44 0.00	43.98 1.87 0.00	43.21 2.05 0.00	33.95 1.86 0.00	30.18 1.42 0.00	26.52 1.23 -1.60
SPIERFLS_115KV_TB 1 80737	61.15 3.29 0.00	54.74 2.91 0.00	54.32 3.01 0.00	54.77 3.18 0.00	51.65 3.00 0.00	54.48 3.14 0.00	52.79 2.87 0.00	53.21 2.98 0.00	63.01 3.51 0.00	71.07 4.10 0.00	54.99 2.71 0.00	69.11 3.25 0.00	62.29 2.75 0.00	101.43 3.53 0.00	55.98 2.19 0.00	49.92 1.97 0.00	32.86 1.16 0.00	40.37 1.54 0.00	42.08 1.65 0.00	43.90 1.79 0.00	43.16 2.01 0.00	33.58 1.49 0.00	30.13 1.37 0.00	24.98 1.05 -0.24
ST LAWRENCE____ 23600	57.68 -0.18 0.00	51.64 -0.19 0.00	51.02 -0.29 0.00	51.18 -0.41 0.00	48.26 -0.38 0.00	50.89 -0.45 0.00	49.65 -0.27 0.00	50.01 -0.22 0.00	59.32 -0.18 0.00	66.79 -0.17 0.00	52.22 -0.06 0.00	65.77 -0.09 0.00	59.01 -0.53 0.00	97.52 -0.38 0.00	53.56 -0.23 0.00	47.99 0.04 0.00	31.66 -0.04 0.00	38.89 0.07 0.00	40.56 0.13 0.00	42.38 0.27 0.00	41.36 0.20 0.00	32.05 -0.04 0.00	28.74 -0.02 0.00	23.70 0.01 0.00

STATE_CA_115KV_115_LB 55624	58.70 0.84 0.00	52.79 0.95 0.00	52.68 1.36 0.00	53.07 1.48 0.00	50.08 1.43 0.00	52.79 1.45 0.00	50.97 1.05 0.00	51.49 1.26 0.00	60.76 1.26 0.00	68.42 1.45 0.00	53.38 1.10 0.00	67.19 1.34 0.00	60.95 1.41 0.00	99.61 1.72 0.00	54.84 1.05 0.00	48.81 0.86 0.00	32.35 0.65 0.00	39.51 0.69 0.00	41.04 0.61 0.00	42.66 0.55 0.00	41.76 0.60 0.00	32.67 0.58 0.00	29.33 0.57 0.00	24.39 0.44 -0.26
STATE_ST_34_KV_LOAD 55959	58.32 0.46 0.00	52.38 0.54 0.00	51.47 0.15 0.00	51.69 0.06 -0.04	48.81 0.17 0.00	51.58 0.24 0.00	50.15 0.23 0.00	50.35 0.13 0.00	59.61 0.11 0.00	67.00 0.03 0.00	51.85 -0.43 0.00	65.22 -0.63 0.00	59.20 -0.34 0.00	97.51 -0.38 0.00	53.54 -0.25 0.00	47.78 -0.17 0.00	31.64 -0.06 0.00	38.74 -0.09 0.00	40.29 -0.14 0.00	41.91 -0.19 0.00	41.27 0.11 0.00	32.21 0.12 0.00	28.77 0.02 0.00	23.69 0.00 0.00
STATION_5_MISC_HYD 23604	58.47 0.61 0.00	52.30 0.47 0.00	51.40 0.09 0.00	51.37 -0.22 0.00	48.26 -0.38 0.00	51.19 -0.14 0.00	49.80 -0.12 0.00	50.03 -0.19 0.00	59.01 -0.49 0.00	66.25 -0.71 0.00	51.22 -1.06 0.00	65.03 -0.83 0.00	58.41 -1.13 0.00	96.80 -1.10 0.00	53.14 -0.65 0.00	47.43 -0.52 0.00	31.12 -0.58 0.00	38.14 -0.68 0.00	39.62 -0.81 0.00	41.51 -0.60 0.00	40.67 -0.49 0.00	31.83 -0.27 0.00	28.39 -0.37 0.00	23.39 -0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	58.26 0.40 0.00	52.11 0.27 0.00	51.22 -0.10 0.00	51.28 -0.32 -0.01	48.26 -0.39 0.00	51.10 -0.23 0.00	49.70 -0.22 0.00	49.94 -0.29 0.00	59.01 -0.49 0.00	66.30 -0.67 0.00	51.32 -0.96 0.00	64.99 -0.87 0.00	58.50 -1.04 0.00	96.63 -1.27 0.00	53.10 -0.69 0.00	47.40 -0.55 0.00	31.22 -0.48 0.00	38.24 -0.58 0.00	39.76 -0.67 0.00	41.55 -0.56 0.00	40.75 -0.41 0.00	31.87 -0.23 0.00	28.43 -0.33 0.00	23.39 -0.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	58.11 0.25 0.00	51.97 0.14 0.00	51.09 -0.22 0.00	51.09 -0.50 0.00	48.00 -0.65 0.00	50.89 -0.45 0.00	49.51 -0.41 0.00	49.75 -0.48 0.00	58.71 -0.79 0.00	65.91 -1.06 0.00	51.00 -1.27 0.00	64.70 -1.15 0.00	58.16 -1.39 0.00	96.29 -1.60 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	30.99 -0.71 0.00	37.97 -0.86 0.00	39.47 -0.96 0.00	41.32 -0.78 0.00	40.47 -0.68 0.00	31.67 -0.42 0.00	28.25 -0.50 0.00	23.26 -0.43 0.00
STA_56___34_KV_BUS2 355983	58.11 0.25 0.00	51.97 0.14 0.00	51.09 -0.22 0.00	51.09 -0.50 0.00	48.00 -0.65 0.00	50.89 -0.45 0.00	49.51 -0.41 0.00	49.75 -0.48 0.00	58.71 -0.79 0.00	65.91 -1.06 0.00	51.00 -1.27 0.00	64.70 -1.15 0.00	58.16 -1.39 0.00	96.29 -1.60 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	30.99 -0.71 0.00	37.97 -0.86 0.00	39.47 -0.96 0.00	41.32 -0.78 0.00	40.47 -0.68 0.00	31.67 -0.42 0.00	28.25 -0.50 0.00	23.26 -0.43 0.00
STA_67___115KV_BK2 355882	58.27 0.41 0.00	52.14 0.31 0.00	51.25 -0.07 0.00	51.24 -0.35 0.00	48.12 -0.53 0.00	51.05 -0.29 0.00	49.66 -0.26 0.00	49.89 -0.34 0.00	58.83 -0.67 0.00	66.05 -0.91 0.00	51.06 -1.21 0.00	64.81 -1.04 0.00	58.22 -1.32 0.00	96.45 -1.45 0.00	52.98 -0.81 0.00	47.28 -0.67 0.00	31.03 -0.67 0.00	38.02 -0.80 0.00	39.51 -0.92 0.00	41.39 -0.72 0.00	40.54 -0.61 0.00	31.74 -0.35 0.00	28.32 -0.44 0.00	23.32 -0.36 0.00
STA_7___115KV_9TRANS 80674	58.94 1.07 0.00	52.68 0.85 0.00	51.73 0.42 0.00	51.71 0.12 0.00	48.56 -0.09 0.00	51.51 0.17 0.00	50.11 0.19 0.00	50.34 0.12 0.00	59.40 -0.10 0.00	66.68 -0.28 0.00	51.58 -0.70 0.00	65.48 -0.37 0.00	58.83 -0.71 0.00	97.50 -0.40 0.00	53.55 -0.24 0.00	47.77 -0.18 0.00	31.34 -0.36 0.00	38.39 -0.43 0.00	39.90 -0.53 0.00	41.82 -0.28 0.00	40.94 -0.21 0.00	32.04 -0.05 0.00	28.57 -0.19 0.00	23.51 -0.17 0.00
STA_82___115KV_TB1 80780	58.28 0.42 0.00	52.15 0.32 0.00	51.26 -0.06 0.00	51.25 -0.34 0.00	48.14 -0.51 0.00	51.05 -0.28 0.00	49.66 -0.26 0.00	49.90 -0.33 0.00	58.84 -0.67 0.00	66.06 -0.90 0.00	51.07 -1.21 0.00	64.83 -1.03 0.00	58.23 -1.32 0.00	96.45 -1.44 0.00	52.98 -0.81 0.00	47.28 -0.67 0.00	31.03 -0.67 0.00	38.02 -0.80 0.00	39.51 -0.92 0.00	41.39 -0.72 0.00	40.55 -0.61 0.00	31.74 -0.35 0.00	28.32 -0.44 0.00	23.32 -0.36 0.00
STEEL___WIND 323596	57.96 0.10 0.00	51.95 0.11 0.00	50.84 -0.47 0.00	50.76 -0.84 0.00	47.42 -1.23 0.00	50.26 -1.08 0.00	48.91 -1.01 0.00	48.93 -1.30 0.00	57.68 -1.82 0.00	64.89 -2.07 0.00	49.73 -2.55 0.00	63.52 -2.34 0.00	56.54 -3.00 0.00	94.48 -3.42 0.00	51.82 -1.97 0.00	46.23 -1.72 0.00	30.08 -1.62 0.00	36.97 -1.85 0.00	38.37 -2.06 0.00	40.25 -1.86 0.00	39.53 -1.63 0.00	30.96 -1.13 0.00	27.63 -1.13 0.00	22.87 -0.81 0.00
STEPHTWN_115KV_BK_2 55603	58.88 1.02 0.00	53.01 1.18 0.00	52.89 1.57 0.00	53.34 1.75 0.00	50.30 1.65 0.00	53.02 1.68 0.00	51.19 1.27 0.00	51.74 1.51 0.00	61.05 1.55 0.00	67.92 0.95 0.00	52.94 0.66 0.00	66.65 0.79 0.00	60.48 0.93 0.00	98.83 0.93 0.00	55.12 1.33 0.00	49.10 1.15 0.00	32.54 0.84 0.00	39.76 0.93 0.00	41.29 0.86 0.00	42.93 0.83 0.00	41.91 0.75 0.00	32.82 0.72 0.00	29.48 0.72 0.00	24.50 0.55 -0.27
STEBEN_REC_LFGE 323667	59.23 1.37 0.00	52.79 0.96 0.00	51.16 -0.16 0.00	50.92 -0.69 -0.01	47.43 -1.22 0.00	50.08 -1.26 0.00	48.66 -1.26 0.00	48.65 -1.58 0.00	57.55 -1.95 0.00	65.37 -1.60 0.00	50.69 -1.59 0.00	64.39 -1.47 0.00	57.36 -2.19 0.00	96.06 -1.84 0.00	52.89 -0.90 0.00	46.95 -1.00 0.00	30.74 -0.96 0.00	37.79 -1.04 0.00	39.16 -1.27 0.00	40.77 -1.34 0.00	40.16 -1.00 0.00	31.26 -0.83 0.00	27.76 -1.00 0.00	22.94 -0.75 0.00
STILLWATER___SOLAR 323814	60.75 2.89 0.00	54.43 2.60 0.00	54.05 2.73 0.00	54.48 2.89 0.00	51.35 2.70 0.00	54.19 2.86 0.00	52.54 2.62 0.00	52.97 2.74 0.00	62.61 3.11 0.00	70.57 3.61 0.00	54.88 2.61 0.00	69.05 3.19 0.00	62.37 2.82 0.00	101.82 3.92 0.00	56.11 2.32 0.00	50.02 2.07 0.00	32.99 1.30 0.00	40.44 1.61 0.00	42.13 1.70 0.00	43.89 1.78 0.00	43.00 1.85 0.00	33.52 1.43 0.00	30.09 1.33 0.00	24.97 1.03 -0.25
STONY___BROOK 24151	65.19 4.30 -3.03	60.79 3.99 -4.98	55.17 3.86 0.00	55.25 3.65 0.00	52.18 3.24 -0.30	54.36 3.02 0.00	52.76 2.84 0.00	53.07 2.85 0.00	62.58 3.08 0.00	72.01 4.87 -0.18	59.94 4.54 -3.12	70.99 5.36 0.23	69.07 5.43 -4.10	130.15 8.32 -23.94	79.72 4.39 -21.55	54.23 3.21 -3.07	47.42 1.90 -13.83	45.36 2.32 -4.22	43.24 2.81 0.00	44.48 2.37 0.00	43.53 2.37 0.00	33.88 1.79 0.00	30.38 1.62 0.00	26.82 1.54 -1.60
STURGEON_POOL_HYD 23609	60.22 2.36 0.00	53.90 2.07 0.00	53.43 2.12 0.00	53.77 2.18 0.00	50.70 2.06 0.00	53.28 1.94 0.00	51.86 1.94 0.00	52.44 2.22 0.00	61.96 2.46 0.00	69.85 2.88 0.00	54.86 2.59 0.00	69.04 3.18 0.00	62.94 3.40 0.00	103.20 5.30 0.00	56.60 2.81 0.00	50.31 2.36 0.00	33.23 1.53 0.00	40.67 1.85 0.00	42.32 1.89 0.00	43.79 1.68 0.00	42.87 1.71 0.00	33.38 1.29 0.00	29.91 1.16 0.00	24.65 0.97 0.00

ST_LAW_115_BK7_LBMP 345037	57.69 -0.17 0.00	51.64 -0.19 0.00	51.02 -0.29 0.00	51.18 -0.41 0.00	48.27 -0.38 0.00	50.90 -0.44 0.00	49.67 -0.25 0.00	50.01 -0.21 0.00	59.33 -0.17 0.00	66.80 -0.17 0.00	52.23 -0.04 0.00	65.77 -0.08 0.00	58.96 -0.59 0.00	97.48 -0.42 0.00	53.54 -0.25 0.00	47.99 0.05 0.00	31.66 -0.04 0.00	38.90 0.08 0.00	40.57 0.14 0.00	42.40 0.29 0.00	41.38 0.23 0.00	32.06 -0.03 0.00	28.75 -0.01 0.00	23.71 0.03 0.00
ST_LAW_115_BK8_LBMP 345038	57.69 -0.17 0.00	51.64 -0.19 0.00	51.02 -0.29 0.00	51.18 -0.41 0.00	48.27 -0.38 0.00	50.90 -0.44 0.00	49.67 -0.25 0.00	50.01 -0.21 0.00	59.33 -0.17 0.00	66.80 -0.17 0.00	52.23 -0.04 0.00	65.77 -0.08 0.00	58.96 -0.59 0.00	97.48 -0.42 0.00	53.54 -0.25 0.00	47.99 0.05 0.00	31.66 -0.04 0.00	38.90 0.08 0.00	40.57 0.14 0.00	42.40 0.29 0.00	41.38 0.23 0.00	32.06 -0.03 0.00	28.75 -0.01 0.00	23.71 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	57.68 -0.18 0.00	51.64 -0.19 0.00	51.02 -0.29 0.00	51.18 -0.41 0.00	48.26 -0.38 0.00	50.89 -0.45 0.00	49.65 -0.27 0.00	50.01 -0.22 0.00	59.32 -0.18 0.00	66.79 -0.17 0.00	52.22 -0.06 0.00	65.77 -0.09 0.00	59.01 -0.53 0.00	97.52 -0.38 0.00	53.56 -0.23 0.00	47.99 0.04 0.00	31.66 -0.04 0.00	38.89 0.07 0.00	40.56 0.13 0.00	42.38 0.27 0.00	41.36 0.20 0.00	32.05 -0.04 0.00	28.74 -0.02 0.00	23.70 0.01 0.00
ST_LAW_230_BK6_LBMP 345036	57.68 -0.18 0.00	51.64 -0.19 0.00	51.02 -0.29 0.00	51.18 -0.41 0.00	48.26 -0.38 0.00	50.89 -0.45 0.00	49.65 -0.27 0.00	50.01 -0.22 0.00	59.32 -0.18 0.00	66.79 -0.17 0.00	52.22 -0.06 0.00	65.77 -0.09 0.00	59.01 -0.53 0.00	97.52 -0.38 0.00	53.56 -0.23 0.00	47.99 0.04 0.00	31.66 -0.04 0.00	38.89 0.07 0.00	40.56 0.13 0.00	42.38 0.27 0.00	41.36 0.20 0.00	32.05 -0.04 0.00	28.74 -0.02 0.00	23.70 0.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	59.97 2.11 0.00	53.76 1.93 0.00	53.30 1.99 0.00	53.63 2.03 0.00	50.29 1.94 0.29	53.16 1.82 0.00	51.74 1.82 0.00	52.26 2.04 0.00	61.79 2.29 0.00	69.73 2.76 0.00	54.77 2.50 0.00	68.98 3.12 0.00	62.83 3.28 0.00	103.11 5.34 0.13	55.40 2.83 1.22	49.99 2.27 0.23	31.75 1.48 1.42	40.15 1.76 0.44	42.22 1.79 0.00	43.69 1.59 0.00	42.80 1.64 0.00	33.33 1.24 0.00	29.88 1.12 0.00	23.12 0.93 1.49
SWANROAD_115KV_TB1 355699	56.82 -1.04 0.00	50.92 -0.92 0.00	50.08 -1.23 0.00	50.02 -1.57 0.00	46.80 -1.85 0.00	49.60 -1.74 0.00	48.15 -1.77 0.00	47.93 -2.30 0.00	56.32 -3.18 0.00	63.16 -3.81 0.00	48.27 -4.01 0.00	61.69 -4.16 0.00	54.88 -4.67 0.00	91.42 -6.47 0.00	50.13 -3.66 0.00	44.76 -3.18 0.00	29.06 -2.63 0.00	35.81 -3.02 0.00	37.25 -3.18 0.00	39.13 -2.97 0.00	38.31 -2.85 0.00	30.11 -1.98 0.00	26.99 -1.76 0.00	22.40 -1.29 0.00
SYNERGY___BIOGAS 323694	59.47 1.61 0.00	53.31 1.48 0.00	52.28 0.97 0.00	52.16 0.57 0.00	48.86 0.21 0.00	51.79 0.45 0.00	50.32 0.40 0.00	50.34 0.12 0.00	59.31 -0.19 0.00	66.53 -0.44 0.00	51.12 -1.16 0.00	65.62 -0.23 0.00	58.43 -1.11 0.00	96.98 -0.92 0.00	53.37 -0.42 0.00	47.64 -0.31 0.00	31.00 -0.70 0.00	37.88 -0.94 0.00	39.12 -1.31 0.00	41.24 -0.87 0.00	40.54 -0.62 0.00	31.80 -0.29 0.00	28.37 -0.39 0.00	23.41 -0.28 0.00
SYRACUSE___ENERGY_ST1 323597	57.61 -0.25 0.00	51.68 -0.15 0.00	50.98 -0.34 0.00	51.21 -0.42 -0.04	48.26 -0.39 0.00	50.93 -0.41 0.00	49.50 -0.42 0.00	49.73 -0.50 0.00	58.96 -0.55 0.00	66.26 -0.70 0.00	51.37 -0.90 0.00	64.69 -1.17 0.00	58.53 -1.01 0.00	96.34 -1.56 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	31.26 -0.44 0.00	38.26 -0.56 0.00	39.87 -0.56 0.00	41.55 -0.55 0.00	40.79 -0.36 0.00	31.89 -0.20 0.00	28.52 -0.24 0.00	23.46 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	57.61 -0.25 0.00	51.68 -0.15 0.00	50.98 -0.34 0.00	51.21 -0.42 -0.04	48.26 -0.39 0.00	50.93 -0.41 0.00	49.50 -0.42 0.00	49.73 -0.50 0.00	58.96 -0.55 0.00	66.26 -0.70 0.00	51.37 -0.90 0.00	64.69 -1.17 0.00	58.53 -1.01 0.00	96.34 -1.56 0.00	52.90 -0.89 0.00	47.21 -0.74 0.00	31.26 -0.44 0.00	38.26 -0.56 0.00	39.87 -0.56 0.00	41.55 -0.55 0.00	40.79 -0.36 0.00	31.89 -0.20 0.00	28.52 -0.24 0.00	23.46 -0.22 0.00
SYRACUSE___POWER 24017	57.72 -0.14 0.00	51.68 -0.15 0.00	51.01 -0.31 0.00	51.25 -0.37 -0.03	48.26 -0.39 0.00	50.93 -0.41 0.00	49.52 -0.40 0.00	49.74 -0.49 0.00	59.96 0.46 0.00	67.50 0.53 0.00	51.48 -0.80 0.00	64.85 -1.01 0.00	58.64 -0.90 0.00	96.60 -1.30 0.00	53.01 -0.78 0.00	47.28 -0.67 0.00	31.28 -0.42 0.00	38.31 -0.51 0.00	39.90 -0.53 0.00	41.59 -0.51 0.00	40.80 -0.35 0.00	31.90 -0.20 0.00	28.51 -0.25 0.00	23.45 -0.24 0.00
TALLMAN__138KV_BK151 55660	60.18 2.32 0.00	53.94 2.10 0.00	53.46 2.15 0.00	53.78 2.19 0.00	50.34 2.09 0.40	53.29 1.95 0.00	51.91 1.99 0.00	52.49 2.27 0.00	62.06 2.56 0.00	70.03 3.06 0.00	55.16 2.88 0.00	69.47 3.62 0.00	63.32 3.77 0.00	103.86 6.21 0.25	54.86 3.34 2.27	50.19 2.67 0.43	30.78 1.73 2.65	40.07 2.06 0.81	42.52 2.09 0.00	43.94 1.84 0.00	43.06 1.90 0.00	33.52 1.43 0.00	30.04 1.28 0.00	22.74 1.07 2.01
TEALLAVE_115KV_TB7 355573	57.39 -0.47 0.00	51.36 -0.47 0.00	50.70 -0.61 0.00	50.92 -0.69 -0.02	47.96 -0.69 0.00	50.62 -0.72 0.00	49.21 -0.71 0.00	49.43 -0.79 0.00	58.32 -1.18 0.00	65.56 -1.41 0.00	51.13 -1.15 0.00	64.42 -1.43 0.00	58.25 -1.29 0.00	95.93 -1.96 0.00	52.67 -1.12 0.00	46.97 -0.98 0.00	31.08 -0.62 0.00	38.05 -0.77 0.00	39.61 -0.82 0.00	41.30 -0.80 0.00	40.51 -0.64 0.00	31.69 -0.41 0.00	28.32 -0.44 0.00	23.31 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	57.97 0.10 0.00	51.95 0.12 0.00	51.03 -0.28 0.00	50.94 -0.65 0.00	47.68 -0.96 0.00	50.55 -0.79 0.00	49.12 -0.80 0.00	49.02 -1.20 0.00	57.71 -1.79 0.00	64.76 -2.21 0.00	49.59 -2.69 0.00	63.05 -2.81 0.00	56.21 -3.33 0.00	93.68 -4.21 0.00	51.39 -2.40 0.00	45.87 -2.08 0.00	29.87 -1.83 0.00	36.79 -2.03 0.00	38.17 -2.26 0.00	40.17 -1.93 0.00	39.40 -1.76 0.00	30.92 -1.17 0.00	27.63 -1.13 0.00	22.86 -0.83 0.00
TEMPLE___115KV_TB 2 55572	57.41 -0.45 0.00	51.38 -0.46 0.00	50.73 -0.59 0.00	50.95 -0.67 -0.02	47.99 -0.66 0.00	50.65 -0.68 0.00	49.24 -0.69 0.00	49.45 -0.78 0.00	58.32 -1.18 0.00	65.56 -1.41 0.00	51.15 -1.12 0.00	64.47 -1.38 0.00	58.30 -1.25 0.00	95.96 -1.93 0.00	52.70 -1.09 0.00	47.00 -0.95 0.00	31.09 -0.61 0.00	38.07 -0.75 0.00	39.64 -0.79 0.00	41.33 -0.78 0.00	40.52 -0.63 0.00	31.70 -0.40 0.00	28.34 -0.42 0.00	23.32 -0.37 0.00
TIANA____69_KV_BK 1 55817	65.10 4.40 -2.84	60.62 4.01 -4.78	55.31 4.00 0.00	55.55 3.95 0.00	52.42 3.48 -0.30	54.77 3.44 0.00	53.38 3.46 0.00	53.83 3.60 0.00	63.49 4.00 0.00	73.02 5.87 -0.18	60.76 5.36 -3.12	72.00 6.46 0.32	70.07 6.51 -4.02	135.18 10.38 -26.90	81.29 5.52 -21.98	55.52 4.25 -3.31	48.01 2.49 -13.83	45.96 2.91 -4.22	43.49 3.06 0.00	44.44 2.34 0.00	43.53 2.37 0.00	33.92 1.83 0.00	30.33 1.57 0.00	26.81 1.53 -1.60

TILDEN___115KV_TB1 80814	57.72 -0.14 0.00	51.68 -0.15 0.00	51.01 -0.31 0.00	51.25 -0.37 -0.03	48.26 -0.39 0.00	50.93 -0.41 0.00	49.52 -0.40 0.00	49.74 -0.49 0.00	59.96 0.46 0.00	67.50 0.53 0.00	51.48 -0.80 0.00	64.85 -1.01 0.00	58.64 -0.90 0.00	96.60 -1.30 0.00	53.01 -0.78 0.00	47.28 -0.67 0.00	31.28 -0.42 0.00	38.31 -0.51 0.00	39.90 -0.53 0.00	41.59 -0.51 0.00	40.80 -0.35 0.00	31.90 -0.20 0.00	28.51 -0.25 0.00	23.45 -0.24 0.00
TRIGEN___CC 323695	95.17 3.61 -33.70	91.70 3.29 -36.58	54.57 3.24 -0.01	54.73 3.14 0.00	51.86 2.91 -0.30	54.10 2.76 0.00	52.65 2.73 0.00	53.14 2.91 0.00	62.77 3.27 0.00	71.48 4.34 -0.18	69.75 3.89 -13.59	86.63 4.61 -16.15	81.83 4.75 -17.54	111.80 7.52 -6.38	82.65 4.03 -24.84	62.56 3.19 -11.43	47.51 1.98 -13.83	45.39 2.35 -4.22	42.97 2.54 0.00	44.31 2.20 0.00	43.44 2.28 0.00	33.87 1.77 0.00	30.38 1.62 0.00	26.72 1.44 -1.60
TRINITY__115KV__4 BK 55933	58.35 0.49 0.00	52.49 0.66 0.00	52.41 1.10 0.00	52.83 1.24 0.00	49.85 1.20 0.00	52.55 1.21 0.00	50.71 0.80 0.00	51.24 1.01 0.00	60.44 0.95 0.00	68.04 1.08 0.00	53.09 0.81 0.00	66.84 0.98 0.00	60.64 1.10 0.00	99.07 1.17 0.00	54.55 0.76 0.00	48.55 0.60 0.00	32.18 0.48 0.00	39.30 0.48 0.00	40.83 0.40 0.00	42.45 0.34 0.00	41.55 0.39 0.00	32.52 0.42 0.00	29.21 0.45 0.00	24.29 0.34 -0.27
UNION___PROCESSING_DRP 323587	58.30 0.44 0.00	52.16 0.33 0.00	51.27 -0.05 0.00	51.27 -0.32 0.00	48.15 -0.50 0.00	51.07 -0.27 0.00	49.67 -0.25 0.00	49.90 -0.32 0.00	58.85 -0.65 0.00	66.07 -0.89 0.00	51.07 -1.20 0.00	64.85 -1.01 0.00	58.25 -1.29 0.00	96.48 -1.42 0.00	52.99 -0.80 0.00	47.31 -0.64 0.00	31.03 -0.67 0.00	38.04 -0.79 0.00	39.51 -0.91 0.00	41.40 -0.70 0.00	40.55 -0.60 0.00	31.75 -0.35 0.00	28.32 -0.44 0.00	23.32 -0.36 0.00
UPPER HUDSON___HYD 24058	61.15 3.29 0.00	54.74 2.91 0.00	54.32 3.01 0.00	54.77 3.18 0.00	51.65 3.00 0.00	54.48 3.14 0.00	52.79 2.87 0.00	53.21 2.99 0.00	63.01 3.51 0.00	71.07 4.10 0.00	54.99 2.71 0.00	69.11 3.25 0.00	62.29 2.75 0.00	101.43 3.53 0.00	55.98 2.19 0.00	49.92 1.97 0.00	32.86 1.16 0.00	40.36 1.54 0.00	42.08 1.65 0.00	43.90 1.79 0.00	43.16 2.01 0.00	33.58 1.49 0.00	30.13 1.37 0.00	24.98 1.05 -0.24
UPPER RAQUET___HYD 24056	58.62 0.76 0.00	52.40 0.56 0.00	51.73 0.41 0.00	51.90 0.30 -0.01	49.08 0.43 0.00	51.90 0.56 0.00	50.72 0.79 0.00	51.08 0.85 0.00	60.49 1.00 0.00	67.82 0.85 0.00	52.99 0.71 0.00	66.40 0.54 0.00	58.80 -0.74 0.00	97.50 -0.39 0.00	53.60 -0.19 0.00	48.09 0.14 0.00	31.83 0.13 0.00	39.15 0.33 0.00	40.71 0.28 0.00	42.55 0.45 0.00	41.82 0.66 0.00	32.53 0.43 0.00	29.28 0.52 0.00	24.24 0.56 0.00
VALLEY44_115KV_TB2 355964	57.86 0.00 0.00	52.05 0.21 0.00	51.04 -0.28 0.00	51.15 -0.44 0.00	47.85 -0.79 0.00	50.46 -0.88 0.00	49.37 -0.55 0.00	49.49 -0.74 0.00	58.44 -1.06 0.00	65.92 -1.04 0.00	50.61 -1.67 0.00	64.34 -1.51 0.00	57.56 -1.99 0.00	96.00 -1.89 0.00	52.57 -1.22 0.00	46.83 -1.12 0.00	30.61 -1.09 0.00	37.51 -1.31 0.00	38.91 -1.52 0.00	40.69 -1.42 0.00	39.90 -1.25 0.00	31.25 -0.85 0.00	28.04 -0.72 0.00	23.24 -0.45 0.00
VALLEY___115KV_TB 1-4 80826	58.98 1.12 0.00	52.84 1.01 0.00	52.53 1.22 0.00	52.87 1.27 0.00	49.89 1.24 0.00	52.59 1.25 0.00	50.98 1.06 0.00	51.41 1.19 0.00	60.78 1.28 0.00	68.48 1.52 0.00	53.43 1.15 0.00	67.14 1.28 0.00	60.73 1.19 0.00	99.58 1.68 0.00	54.68 0.89 0.00	48.62 0.67 0.00	32.22 0.53 0.00	39.42 0.59 0.00	40.94 0.51 0.00	42.69 0.59 0.00	41.76 0.60 0.00	32.57 0.47 0.00	29.17 0.41 0.00	23.93 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	60.16 2.30 0.00	53.85 2.01 0.00	53.33 2.01 0.00	53.78 2.18 -0.01	50.70 2.05 0.00	53.42 2.08 0.00	51.91 1.99 0.00	52.02 1.80 0.00	61.59 2.10 0.00	69.44 2.47 0.00	54.23 1.95 0.00	68.29 2.44 0.00	61.94 2.39 0.00	102.23 4.33 0.00	55.97 2.19 0.00	49.84 1.89 0.00	32.95 1.26 0.00	40.30 1.47 0.00	41.94 1.51 0.00	43.61 1.51 0.00	42.75 1.59 0.00	33.23 1.13 0.00	29.67 0.91 0.00	24.18 0.73 0.24
VISCHER___FERRY HYD 24020	59.71 1.85 0.00	53.60 1.76 0.00	53.32 2.00 0.00	53.73 2.14 0.00	50.67 2.02 0.00	53.46 2.12 0.00	51.72 1.81 0.00	52.25 2.02 0.00	61.70 2.19 0.00	69.51 2.55 0.00	54.13 1.85 0.00	68.14 2.28 0.00	61.73 2.18 0.00	100.72 2.83 0.00	55.50 1.72 0.00	49.44 1.49 0.00	32.64 0.94 0.00	39.95 1.12 0.00	41.58 1.15 0.00	43.28 1.17 0.00	42.37 1.21 0.00	33.08 0.99 0.00	29.72 0.97 0.00	24.69 0.74 -0.27
V_A_10_SYNC_DSASP 323832	57.27 -0.59 0.00	51.38 -0.45 0.00	50.48 -0.83 0.00	50.44 -1.15 0.00	47.28 -1.37 0.00	49.98 -1.36 0.00	48.58 -1.34 0.00	48.63 -1.60 0.00	57.23 -2.27 0.00	64.22 -2.74 0.00	49.27 -3.00 0.00	62.82 -3.04 0.00	56.10 -3.44 0.00	93.52 -4.38 0.00	51.28 -2.51 0.00	45.84 -2.11 0.00	29.86 -1.84 0.00	36.75 -2.08 0.00	38.22 -2.21 0.00	40.06 -2.05 0.00	39.20 -1.95 0.00	30.77 -1.32 0.00	27.49 -1.27 0.00	22.76 -0.92 0.00
V_CMM_10_SYNC_DSASP 323787	57.98 0.12 0.00	51.92 0.08 0.00	51.28 -0.03 0.00	51.45 -0.14 0.00	48.51 -0.14 0.00	51.16 -0.18 0.00	49.94 0.02 0.00	50.27 0.05 0.00	59.63 0.13 0.00	67.15 0.18 0.00	52.50 0.22 0.00	66.12 0.26 0.00	59.36 -0.18 0.00	98.00 0.10 0.00	53.66 -0.13 0.00	48.24 0.29 0.00	31.83 0.13 0.00	39.11 0.29 0.00	40.79 0.36 0.00	42.62 0.51 0.00	41.60 0.44 0.00	32.23 0.14 0.00	28.90 0.14 0.00	23.84 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	58.36 0.50 0.00	52.54 0.71 0.00	51.94 0.63 0.00	52.13 0.54 0.00	49.16 0.51 0.00	51.88 0.54 0.00	50.45 0.54 0.00	50.86 0.63 0.00	60.11 0.61 0.00	67.77 0.80 0.00	52.57 0.29 0.00	66.12 0.26 0.00	59.62 0.08 0.00	98.03 0.13 0.00	54.01 0.22 0.00	48.42 0.47 0.00	31.91 0.21 0.00	39.28 0.45 0.00	40.97 0.54 0.00	42.88 0.78 0.00	41.96 0.81 0.00	32.55 0.45 0.00	29.26 0.50 0.00	24.19 0.50 0.00
V_D_10_SYNC_DSASP 323841	58.33 0.47 0.00	52.20 0.37 0.00	51.56 0.24 0.00	51.71 0.13 0.00	48.79 0.15 0.00	51.48 0.14 0.00	50.27 0.35 0.00	50.66 0.44 0.00	60.06 0.56 0.00	67.58 0.61 0.00	52.83 0.56 0.00	66.48 0.62 0.00	59.11 -0.44 0.00	98.33 0.43 0.00	54.07 0.28 0.00	48.48 0.53 0.00	32.00 0.31 0.00	39.33 0.51 0.00	40.97 0.55 0.00	42.83 0.72 0.00	41.87 0.71 0.00	32.45 0.35 0.00	29.11 0.35 0.00	24.01 0.33 0.00
V_E_10_SYNC_DSASP 323830	62.69 4.83 0.00	55.96 4.13 0.00	55.01 3.70 0.00	55.35 3.74 -0.02	52.10 3.45 0.00	55.07 3.73 0.00	53.76 3.84 0.00	53.78 3.56 0.00	63.77 4.27 0.00	71.85 4.88 0.00	55.32 3.05 0.00	69.58 3.72 0.00	63.36 3.82 0.00	105.43 7.53 0.00	57.16 3.37 0.00	50.92 2.97 0.00	33.95 2.25 0.00	41.48 2.65 0.00	43.00 2.57 0.00	44.82 2.71 0.00	44.25 3.09 0.00	34.08 1.98 0.00	30.17 1.41 0.00	24.79 1.10 0.00

V_F_30_NSYNC___DSASP 323816	60.83 2.97 0.00	54.48 2.65 0.00	54.09 2.77 0.00	54.52 2.93 0.00	51.38 2.73 0.00	54.22 2.89 0.00	52.59 2.67 0.00	53.00 2.78 0.00	62.67 3.17 0.00	70.63 3.66 0.00	54.96 2.68 0.00	69.13 3.27 0.00	62.45 2.91 0.00	101.99 4.10 0.00	56.17 2.38 0.00	50.08 2.13 0.00	33.03 1.34 0.00	40.49 1.67 0.00	42.18 1.75 0.00	43.93 1.82 0.00	43.05 1.89 0.00	33.56 1.46 0.00	30.12 1.36 0.00	24.99 1.06 -0.25
V_F_30_SYNC_DSASP 323786	58.69 0.83 0.00	52.79 0.95 0.00	52.67 1.36 0.00	53.06 1.47 0.00	50.07 1.43 0.00	52.79 1.45 0.00	50.96 1.04 0.00	51.49 1.26 0.00	60.75 1.25 0.00	68.41 1.45 0.00	53.38 1.10 0.00	67.19 1.34 0.00	60.95 1.41 0.00	99.61 1.72 0.00	54.84 1.05 0.00	48.81 0.86 0.00	32.35 0.65 0.00	39.50 0.68 0.00	41.03 0.61 0.00	42.66 0.55 0.00	41.76 0.60 0.00	32.67 0.58 0.00	29.33 0.57 0.00	24.38 0.43 -0.26
V_XM_10_SYNC_DSASP 323789	58.36 0.50 0.00	52.54 0.71 0.00	51.94 0.63 0.00	52.13 0.54 0.00	49.16 0.51 0.00	51.88 0.54 0.00	50.45 0.54 0.00	50.86 0.63 0.00	60.11 0.61 0.00	67.77 0.80 0.00	52.57 0.29 0.00	66.12 0.26 0.00	59.62 0.08 0.00	98.03 0.13 0.00	54.01 0.22 0.00	48.42 0.47 0.00	31.91 0.21 0.00	39.28 0.45 0.00	40.97 0.54 0.00	42.88 0.78 0.00	41.96 0.81 0.00	32.55 0.45 0.00	29.26 0.50 0.00	24.19 0.50 0.00
W.BABYLN_69_KV_BK1 56697	71.33 4.86 -8.60	66.95 4.40 -10.72	55.61 4.30 0.00	55.66 4.07 0.00	52.62 3.67 -0.30	54.84 3.51 0.00	53.35 3.43 0.00	53.85 3.62 0.00	63.53 4.03 0.00	72.81 5.67 -0.18	62.90 5.02 -5.60	74.53 5.96 -2.71	72.13 6.08 -6.51	158.18 9.77 -50.51	85.86 5.23 -26.85	59.66 4.12 -7.59	47.97 2.44 -13.83	45.93 2.89 -4.22	43.56 3.14 0.00	44.93 2.82 0.00	44.01 2.85 0.00	34.28 2.19 0.00	30.81 2.05 0.00	27.11 1.83 -1.60
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	60.39 2.53 0.00	54.11 2.27 0.00	53.65 2.34 0.00	53.97 2.38 0.00	50.49 2.27 0.43	53.47 2.13 0.00	52.08 2.16 0.00	52.68 2.46 0.00	62.30 2.80 0.00	70.30 3.34 0.00	55.35 3.07 0.00	69.72 3.86 0.00	63.55 4.01 0.00	104.11 6.58 0.37	53.96 3.52 3.35	50.16 2.85 0.64	29.62 1.84 3.92	39.83 2.20 1.20	42.66 2.23 0.00	44.09 1.98 0.00	43.19 2.04 0.00	33.62 1.53 0.00	30.14 1.38 0.00	22.64 1.14 2.18
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	60.76 2.90 0.00	54.56 2.73 0.00	54.18 2.87 0.00	54.47 2.88 0.00	51.73 2.78 -0.30	53.95 2.61 0.00	52.60 2.68 0.00	53.25 3.02 0.00	62.94 3.44 0.00	70.88 3.91 0.00	55.92 3.64 0.00	70.27 4.41 0.00	64.04 4.50 0.00	106.47 7.27 -1.30	69.46 3.82 -11.85	53.38 3.18 -2.26	47.65 2.12 -13.84	45.65 2.60 -4.22	43.13 2.70 0.00	44.49 2.38 0.00	43.53 2.38 0.00	33.93 1.84 0.00	30.44 1.68 0.00	26.72 1.42 -1.61
W50THST__13_KV_LOAD 356117	61.21 3.35 0.00	54.96 3.13 0.00	54.58 3.27 0.00	54.88 3.29 0.00	52.12 3.17 -0.30	54.36 3.03 0.00	53.04 3.12 0.00	53.74 3.51 0.00	63.53 4.03 0.00	71.51 4.54 0.00	56.43 4.15 0.00	70.93 5.07 0.00	64.66 5.12 0.00	107.48 8.29 -1.30	69.96 4.32 -11.85	53.80 3.60 -2.26	47.94 2.41 -13.84	46.03 2.99 -4.22	43.51 3.09 0.00	44.84 2.73 0.00	43.88 2.72 0.00	34.19 2.09 0.00	30.66 1.90 0.00	26.90 1.60 -1.61
WADING RIVER_IC_1 23522	64.25 3.57 -2.81	59.87 3.28 -4.76	54.55 3.23 0.00	54.68 3.09 0.00	51.64 2.69 -0.30	53.88 2.54 0.00	52.43 2.51 0.00	52.81 2.58 0.00	62.27 2.77 0.00	71.56 4.42 -0.18	59.58 4.20 -3.10	70.46 4.94 0.33	68.70 5.14 -4.01	132.24 8.04 -26.30	79.93 4.26 -21.88	54.32 3.12 -3.25	47.32 1.80 -13.83	45.16 2.12 -4.22	42.78 2.35 0.00	43.86 1.76 0.00	42.95 1.80 0.00	33.45 1.36 0.00	29.96 1.20 0.00	26.48 1.20 -1.60
WADING RIVER_IC_2 23547	64.25 3.57 -2.81	59.87 3.28 -4.76	54.55 3.23 0.00	54.68 3.09 0.00	51.64 2.69 -0.30	53.88 2.54 0.00	52.43 2.51 0.00	52.81 2.58 0.00	62.27 2.77 0.00	71.56 4.42 -0.18	59.58 4.20 -3.10	70.46 4.94 0.33	68.70 5.14 -4.01	132.24 8.04 -26.30	79.93 4.26 -21.88	54.32 3.12 -3.25	47.32 1.80 -13.83	45.16 2.12 -4.22	42.78 2.35 0.00	43.86 1.76 0.00	42.95 1.80 0.00	33.45 1.36 0.00	29.96 1.20 0.00	26.48 1.20 -1.60
WADING RIVER_IC_3 23601	64.25 3.57 -2.81	59.87 3.28 -4.76	54.55 3.23 0.00	54.68 3.09 0.00	51.64 2.69 -0.30	53.88 2.54 0.00	52.43 2.51 0.00	52.81 2.58 0.00	62.27 2.77 0.00	71.56 4.42 -0.18	59.58 4.20 -3.10	70.46 4.94 0.33	68.70 5.14 -4.01	132.24 8.04 -26.30	79.93 4.26 -21.88	54.32 3.12 -3.25	47.32 1.80 -13.83	45.16 2.12 -4.22	42.78 2.35 0.00	43.86 1.76 0.00	42.95 1.80 0.00	33.45 1.36 0.00	29.96 1.20 0.00	26.48 1.20 -1.60
WALDENNY_12_KV_BK2 80841	58.15 0.29 0.00	52.10 0.27 0.00	50.99 -0.32 0.00	50.91 -0.68 0.00	47.58 -1.07 0.00	50.41 -0.93 0.00	49.06 -0.86 0.00	49.04 -1.19 0.00	57.81 -1.69 0.00	65.03 -1.94 0.00	49.83 -2.45 0.00	63.67 -2.19 0.00	56.66 -2.88 0.00	94.67 -3.23 0.00	51.93 -1.86 0.00	46.31 -1.64 0.00	30.11 -1.58 0.00	37.02 -1.81 0.00	38.47 -1.96 0.00	40.37 -1.74 0.00	39.57 -1.59 0.00	31.01 -1.09 0.00	27.68 -1.08 0.00	22.89 -0.79 0.00
WALDEN___HYDRO 24148	60.36 2.50 0.00	54.07 2.24 0.00	53.61 2.29 0.00	53.93 2.34 0.00	50.76 2.21 0.10	53.46 2.12 0.00	52.04 2.12 0.00	52.61 2.38 0.00	62.20 2.70 0.00	70.20 3.23 0.00	55.08 2.81 0.00	69.35 3.49 0.00	63.17 3.63 0.00	103.72 5.86 0.04	56.54 3.10 0.35	50.40 2.52 0.07	32.95 1.66 0.41	40.69 1.99 0.12	42.46 2.04 0.00	43.94 1.84 0.00	43.03 1.87 0.00	33.51 1.42 0.00	30.02 1.26 0.00	24.26 1.04 0.46
WARRENSBURG____ 23737	61.15 3.29 0.00	54.74 2.91 0.00	54.32 3.01 0.00	54.77 3.18 0.00	51.65 3.00 0.00	54.48 3.14 0.00	52.79 2.87 0.00	53.21 2.98 0.00	63.01 3.51 0.00	71.07 4.10 0.00	54.99 2.71 0.00	69.11 3.25 0.00	62.29 2.75 0.00	101.43 3.53 0.00	55.98 2.19 0.00	49.92 1.97 0.00	32.86 1.16 0.00	40.37 1.54 0.00	42.08 1.65 0.00	43.90 1.79 0.00	43.16 2.01 0.00	33.58 1.49 0.00	30.13 1.37 0.00	24.98 1.05 -0.24
WATERSIDE___6 8 9 23538	60.43 2.57 0.00	54.35 2.52 0.00	54.11 2.80 0.00	54.24 2.65 0.00	51.57 2.62 -0.30	53.71 2.37 0.00	52.37 2.45 0.00	53.01 2.78 0.00	62.51 3.01 0.00	70.31 3.34 0.00	55.75 3.47 0.00	69.60 3.75 0.00	63.59 4.04 0.00	105.51 6.32 -1.30	68.88 3.25 -11.85	53.04 2.84 -2.26	47.55 2.02 -13.83	45.57 2.52 -4.22	43.00 2.57 0.00	44.36 2.26 0.00	43.54 2.39 0.00	33.95 1.86 0.00	30.50 1.74 0.00	26.74 1.45 -1.60
WATKINRD_115KV_LN8_ILLION 55919	58.62 0.76 0.00	52.50 0.67 0.00	52.15 0.84 0.00	52.50 0.91 0.00	49.53 0.88 0.00	52.23 0.89 0.00	50.67 0.75 0.00	51.06 0.83 0.00	60.38 0.88 0.00	68.01 1.04 0.00	53.06 0.78 0.00	66.74 0.89 0.00	60.37 0.83 0.00	99.03 1.13 0.00	54.39 0.60 0.00	48.37 0.42 0.00	32.04 0.35 0.00	39.21 0.39 0.00	40.77 0.34 0.00	42.48 0.38 0.00	41.55 0.39 0.00	32.41 0.32 0.00	29.03 0.27 0.00	23.85 0.16 0.00

WDELAWARE___HYD 323627	59.36 1.51 0.00	53.09 1.26 0.00	52.55 1.24 0.00	52.85 1.26 0.00	49.75 1.18 0.08	52.42 1.09 0.00	51.03 1.11 0.00	51.50 1.27 0.00	60.99 1.49 0.00	68.91 1.95 0.00	54.04 1.76 0.00	68.07 2.21 0.00	62.04 2.50 0.00	101.72 3.86 0.03	55.50 1.99 0.28	49.49 1.59 0.05	32.43 1.06 0.33	39.97 1.25 0.10	41.67 1.24 0.00	43.17 1.06 0.00	42.25 1.10 0.00	32.87 0.77 0.00	29.42 0.66 0.00	23.83 0.52 0.38
WEST BABYLON___IC 23714	71.33 4.86 -8.60	66.95 4.40 -10.72	55.61 4.30 0.00	55.66 4.07 0.00	52.62 3.67 -0.30	54.84 3.51 0.00	53.35 3.43 0.00	53.85 3.62 0.00	63.53 4.03 0.00	72.81 5.67 -0.18	62.90 5.02 -5.60	74.53 5.96 -2.71	72.13 6.08 -6.51	158.18 9.77 -50.51	85.86 5.23 -26.85	59.66 4.12 -7.59	47.97 2.44 -13.83	45.93 2.89 -4.22	43.56 3.14 0.00	44.93 2.82 0.00	44.01 2.85 0.00	34.28 2.19 0.00	30.81 2.05 0.00	27.11 1.83 -1.60
WEST CANADA___HYD 24049	58.04 0.18 0.00	52.00 0.17 0.00	51.55 0.24 0.00	51.85 0.26 0.00	48.89 0.24 0.00	51.60 0.26 0.00	50.12 0.20 0.00	50.43 0.20 0.00	59.70 0.20 0.00	67.19 0.23 0.00	52.44 0.17 0.00	66.06 0.20 0.00	59.79 0.24 0.00	98.19 0.30 0.00	53.96 0.17 0.00	48.05 0.10 0.00	31.79 0.09 0.00	38.90 0.08 0.00	40.50 0.08 0.00	42.16 0.05 0.00	41.25 0.09 0.00	32.19 0.09 0.00	28.84 0.08 0.00	23.73 0.05 0.00
WESTERN_NY_WIND 24143	59.39 1.53 0.00	53.23 1.40 0.00	52.21 0.89 0.00	52.08 0.49 0.00	48.79 0.14 0.00	51.71 0.37 0.00	50.23 0.31 0.00	50.25 0.02 0.00	59.19 -0.31 0.00	66.39 -0.58 0.00	51.00 -1.27 0.00	65.49 -0.36 0.00	58.31 -1.24 0.00	96.80 -1.10 0.00	53.27 -0.52 0.00	47.55 -0.40 0.00	30.93 -0.77 0.00	37.79 -1.03 0.00	39.03 -1.40 0.00	41.15 -0.96 0.00	40.45 -0.71 0.00	31.74 -0.36 0.00	28.31 -0.45 0.00	23.36 -0.32 0.00
WESTOVER___LESR 323668	58.36 0.50 0.00	52.33 0.50 0.00	51.56 0.24 0.00	51.92 0.32 -0.02	48.85 0.20 0.00	51.49 0.15 0.00	50.15 0.23 0.00	50.19 -0.04 0.00	59.44 -0.06 0.00	67.00 0.04 0.00	52.12 -0.16 0.00	65.87 0.02 0.00	59.53 -0.02 0.00	98.29 0.39 0.00	53.92 0.13 0.00	47.92 -0.03 0.00	31.65 -0.05 0.00	38.68 -0.14 0.00	40.26 -0.17 0.00	41.90 -0.21 0.00	41.14 -0.02 0.00	32.04 -0.05 0.00	28.66 -0.10 0.00	23.62 -0.06 0.00
WETHRSFD_WT_PWR 323626	57.63 -0.23 0.00	51.52 -0.31 0.00	50.02 -1.29 0.00	50.00 -1.59 0.00	46.74 -1.91 0.00	49.57 -1.77 0.00	48.25 -1.67 0.00	48.27 -1.96 0.00	56.93 -2.57 0.00	64.37 -2.60 0.00	49.50 -2.78 0.00	63.05 -2.81 0.00	56.02 -3.52 0.00	93.71 -4.19 0.00	51.53 -2.26 0.00	45.91 -2.04 0.00	30.02 -1.68 0.00	36.88 -1.94 0.00	38.18 -2.25 0.00	39.99 -2.12 0.00	39.41 -1.75 0.00	30.73 -1.36 0.00	27.38 -1.38 0.00	22.64 -1.04 0.00
WHAVSTOR_138KV_BK127 55557	60.02 2.16 0.00	53.80 1.97 0.00	53.36 2.05 0.00	53.68 2.09 0.00	50.21 2.00 0.44	53.18 1.85 0.00	51.79 1.87 0.00	52.38 2.15 0.00	61.89 2.39 0.00	69.84 2.87 0.00	54.99 2.71 0.00	69.25 3.39 0.00	63.09 3.54 0.00	103.27 5.76 0.39	53.30 3.10 3.59	49.73 2.47 0.68	29.12 1.61 4.19	39.47 1.93 1.28	42.39 1.96 0.00	43.81 1.70 0.00	42.93 1.77 0.00	33.43 1.34 0.00	29.97 1.21 0.00	22.48 1.01 2.22
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	60.02 2.16 0.00	53.80 1.97 0.00	53.36 2.05 0.00	53.68 2.09 0.00	50.21 2.00 0.44	53.18 1.85 0.00	51.79 1.87 0.00	52.38 2.15 0.00	61.89 2.39 0.00	69.84 2.87 0.00	54.99 2.71 0.00	69.25 3.39 0.00	63.09 3.54 0.00	103.27 5.76 0.39	53.30 3.10 3.59	49.73 2.47 0.68	29.12 1.61 4.19	39.47 1.93 1.28	42.39 1.96 0.00	43.81 1.70 0.00	42.93 1.77 0.00	33.43 1.34 0.00	29.97 1.21 0.00	22.48 1.01 2.22
WHITEHAL_115KV_TB1 80871	63.27 5.41 0.00	56.81 4.98 0.00	56.39 5.08 0.00	56.84 5.24 0.00	53.69 5.04 0.00	56.51 5.17 0.00	54.73 4.81 0.00	55.09 4.86 0.00	65.28 5.78 0.00	73.94 6.98 0.00	57.02 4.75 0.00	71.52 5.67 0.00	64.54 5.00 0.00	104.08 6.18 0.00	57.63 3.84 0.00	51.48 3.53 0.00	33.59 1.89 0.00	41.52 2.70 0.00	43.39 2.96 0.00	45.62 3.52 0.00	44.54 3.38 0.00	34.59 2.50 0.00	31.11 2.35 0.00	25.68 1.75 -0.24
WHITEPLN_13_KV_LOAD 356215	61.29 3.43 0.00	54.96 3.13 0.00	54.52 3.21 0.00	54.80 3.21 0.00	52.00 3.04 -0.31	54.31 2.97 0.00	52.90 2.98 0.00	53.56 3.33 0.00	63.36 3.86 0.00	71.53 4.56 0.00	56.32 4.05 0.00	70.92 5.07 0.00	64.66 5.11 0.00	107.58 8.37 -1.31	70.21 4.49 -11.93	53.92 3.70 -2.27	48.01 2.38 -13.93	45.95 2.87 -4.25	43.35 2.92 0.00	44.75 2.65 0.00	43.79 2.63 0.00	34.09 2.00 0.00	30.55 1.79 0.00	26.83 1.48 -1.67
WM_FLOYD_69_KV_BK2 356380	64.97 4.18 -2.93	60.56 3.85 -4.88	55.07 3.76 0.00	55.16 3.57 0.00	52.10 3.15 -0.30	54.34 3.00 0.00	52.84 2.92 0.00	53.24 3.01 0.00	62.75 3.25 0.00	72.10 4.95 -0.18	60.09 4.61 -3.20	71.04 5.46 0.28	69.23 5.63 -4.06	136.24 8.84 -29.50	80.90 4.70 -22.41	55.12 3.56 -3.60	47.60 2.08 -13.83	45.52 2.48 -4.22	43.15 2.72 0.00	44.30 2.19 0.00	43.39 2.23 0.00	33.78 1.69 0.00	30.27 1.51 0.00	26.74 1.46 -1.60
WOODARD___115KV_TB2 355635	57.28 -0.58 0.00	51.27 -0.56 0.00	50.63 -0.68 0.00	50.86 -0.76 -0.03	47.91 -0.73 0.00	50.56 -0.78 0.00	49.13 -0.79 0.00	49.36 -0.87 0.00	58.29 -1.22 0.00	65.51 -1.45 0.00	51.06 -1.22 0.00	64.33 -1.52 0.00	58.17 -1.37 0.00	95.74 -2.16 0.00	52.57 -1.22 0.00	46.89 -1.06 0.00	31.04 -0.66 0.00	38.00 -0.82 0.00	39.57 -0.86 0.00	41.26 -0.85 0.00	40.47 -0.68 0.00	31.66 -0.43 0.00	28.31 -0.44 0.00	23.30 -0.39 0.00
WOODMERE_69_KV_BK1 55827	140.49 4.57 -78.06	138.35 4.22 -82.29	55.45 4.11 -0.02	55.69 4.10 0.00	52.73 3.79 -0.30	55.01 3.67 0.00	53.54 3.62 0.00	54.03 3.81 0.00	63.79 4.29 0.00	72.59 5.45 -0.18	87.15 4.54 -30.33	112.63 5.52 -41.26	103.29 5.66 -38.08	121.10 8.98 -14.22	94.05 4.89 -35.38	79.61 3.90 -27.76	48.01 2.48 -13.83	45.96 2.92 -4.22	43.54 3.11 0.00	44.89 2.78 0.00	43.99 2.83 0.00	34.28 2.18 0.00	30.81 2.06 0.00	27.10 1.82 -1.60
YORK___WARBASSE 23770	60.68 2.82 0.00	54.47 2.64 0.00	54.25 2.93 0.00	54.31 2.72 0.00	51.70 2.75 -0.30	53.80 2.46 0.00	52.47 2.55 0.00	53.08 2.86 0.00	62.58 3.08 0.00	70.51 3.54 0.00	55.87 3.60 0.00	69.83 3.98 0.00	63.86 4.32 0.00	106.00 6.80 -1.30	69.01 3.37 -11.85	53.27 3.06 -2.26	47.75 2.22 -13.83	45.69 2.64 -4.22	43.17 2.74 0.00	44.61 2.50 0.00	43.80 2.64 0.00	34.14 2.04 0.00	30.62 1.86 0.00	26.83 1.54 -1.60