

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/21/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	47.82	61.39	44.20	42.70	38.31	41.08	56.07	56.52	48.65	61.99	76.53	59.76	95.47	79.93	92.05	132.18	124.42	84.61	52.69	78.34	122.82	61.03	47.99	51.05
24138	2.41	2.86	1.98	1.89	1.75	2.01	3.04	3.47	3.52	4.26	5.44	3.56	5.46	3.96	4.88	6.22	6.48	5.28	3.53	6.21	8.67	4.02	3.22	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	-3.20	-12.69	-28.47	-33.30	-33.15	-51.75	-32.55	-17.57	-12.26	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	47.93	61.56	44.32	42.82	38.42	41.17	56.19	56.60	48.69	62.05	76.66	59.85	95.59	80.02	92.17	132.42	124.65	84.79	52.76	78.50	123.19	61.28	48.16	51.20
24260	2.52	3.03	2.11	2.01	1.86	2.10	3.15	3.56	3.56	4.33	5.56	3.65	5.58	4.06	5.00	6.47	6.72	5.47	3.61	6.37	9.04	4.27	3.40	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	-3.20	-12.68	-28.46	-33.29	-33.14	-51.73	-32.54	-17.57	-12.26	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	47.93	61.56	44.32	42.82	38.42	41.17	56.19	56.60	48.69	62.05	76.66	59.85	95.59	80.02	92.17	132.42	124.65	84.79	52.76	78.50	123.19	61.28	48.16	51.20
24261	2.52	3.03	2.11	2.01	1.86	2.10	3.15	3.56	3.56	4.33	5.56	3.65	5.58	4.06	5.00	6.47	6.72	5.47	3.61	6.37	9.04	4.27	3.40	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	-3.20	-12.68	-28.46	-33.29	-33.14	-51.73	-32.54	-17.57	-12.26	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.52	61.20	44.19	42.60	38.17	40.98	99.51	64.52	59.85	67.02	79.27	53.95	78.01	53.71	62.74	87.36	94.99	68.00	41.48	76.02	120.11	60.00	47.02	50.51
24011	2.12	2.66	1.97	1.79	1.61	1.91	2.53	2.52	2.28	2.39	2.98	1.93	2.39	1.33	1.74	2.63	2.98	2.67	2.07	3.90	5.95	2.99	2.25	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	-43.95	-8.95	-12.44	-11.63	-8.40	-8.51	-14.08	-9.73	-6.97	-10.53	-6.62	-3.57	-2.52	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.84	61.50	44.43	42.79	38.34	41.22	97.78	64.45	59.50	66.62	79.23	54.01	78.03	53.87	62.89	87.55	95.47	68.42	41.75	76.57	120.71	60.31	47.29	50.93
23798	2.44	2.96	2.22	1.99	1.79	2.14	2.82	2.87	2.50	2.52	3.30	2.24	2.69	1.52	1.91	2.85	3.48	3.10	2.35	4.45	6.55	3.29	2.53	2.99
	0.00	0.00	0.00	0.00	0.00	0.00	-41.93	-8.54	-11.87	-11.10	-8.04	-8.26	-13.80	-9.70	-6.94	-10.49	-6.60	-3.56	-2.51	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.52	61.20	44.19	42.60	38.17	40.98	99.51	64.52	59.85	67.02	79.27	53.95	78.01	53.71	62.74	87.36	94.99	68.00	41.48	76.02	120.11	60.00	47.02	50.51
24028	2.12	2.66	1.97	1.79	1.61	1.91	2.53	2.52	2.28	2.39	2.98	1.93	2.39	1.33	1.74	2.63	2.98	2.67	2.07	3.90	5.95	2.99	2.25	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	-43.95	-8.95	-12.44	-11.63	-8.40	-8.51	-14.08	-9.73	-6.97	-10.53	-6.62	-3.57	-2.52	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	46.82	60.94	44.15	42.51	38.09	40.83	135.41	71.18	69.63	76.80	85.01	58.50	83.89	54.89	63.52	88.15	94.00	67.03	40.71	73.39	116.68	58.49	45.91	49.40
23527	1.42	2.40	1.93	1.70	1.53	1.75	1.96	1.76	1.67	1.68	2.09	1.56	2.18	1.04	1.20	1.37	0.72	1.02	0.82	1.27	2.53	1.47	1.15	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	-80.41	-16.37	-22.83	-22.13	-15.03	-13.43	-20.17	-11.19	-8.29	-12.56	-7.90	-4.26	-3.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	45.34	58.55	42.34	40.90	36.68	39.20	2.30	42.63	31.05	40.52	59.64	41.24	64.46	53.63	61.86	85.94	92.31	65.76	39.96	72.05	113.76	56.81	44.69	47.81
24190	-0.07	0.01	0.13	0.09	0.12	0.12	-0.10	-0.11	0.19	0.10	0.00	0.07	0.17	-0.01	0.00	-0.10	-0.51	0.00	0.24	-0.07	-0.39	-0.20	-0.08	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	50.63	10.31	14.27	12.57	8.25	2.34	-2.74	-10.98	-7.83	-11.82	-7.43	-4.01	-2.83	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	45.57	58.72	42.36	40.95	36.67	39.11	53.09	53.24	45.12	53.06	67.80	43.47	60.79	42.10	53.36	73.42	85.13	61.18	36.44	71.45	113.68	57.00	44.84	48.13
355683	0.16	0.18	0.14	0.14	0.11	0.04	0.05	0.20	-0.01	0.06	-0.09	-0.04	-0.76	-0.56	-0.67	-0.80	-0.26	-0.57	-0.45	-0.68	-0.48	-0.01	0.07	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	0.00
ALBANY_1_SOLAR	46.30	59.80	43.23	41.74	37.39	39.87	19.59	46.14	35.86	45.07	62.59	43.05	66.66	53.48	61.48	85.62	92.35	65.74	39.88	72.32	114.32	57.04	45.02	48.79
323833	0.89	1.27	1.02	0.94	0.83	0.80	0.44	-0.01	0.28	0.26	0.04	-0.09	0.03	-0.34	-0.08	0.11	-0.14	0.16	0.28	0.19	0.16	0.02	0.26	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	33.89	6.90	9.55	8.18	5.34	0.37	-5.09	-11.16	-7.53	-11.29	-7.11	-3.84	-2.71	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	46.29	59.79	43.21	41.73	37.38	39.85	19.61	46.11	35.86	45.06	62.56	43.04	66.63	53.46	61.47	85.59	92.31	65.72	39.86	72.28	114.28	57.02	45.00	48.77
323834	0.88	1.25	0.99	0.93	0.82	0.78	0.43	-0.04	0.27	0.23	0.00	-0.10	0.00	-0.36	-0.09	0.08	-0.18	0.14	0.26	0.16	0.12	0.00	0.24	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	33.85	6.89	9.54	8.17	5.34	0.37	-5.09	-11.16	-7.53	-11.30	-7.11	-3.84	-2.71	0.00	0.00	0.00	0.00	0.00
ALBANY___1	45.34	58.55	42.34	40.90	36.68	39.20	2.30	42.63	31.05	40.52	59.64	41.24	64.46	53.63	61.86	85.94	92.31	65.76	39.96	72.05	113.76	56.81	44.69	47.81
23571	-0.07	0.01	0.13	0.09	0.12	0.12	-0.10	-0.11	0.19	0.10	0.00	0.07	0.17	-0.01	0.00	-0.10	-0.51	0.00	0.24	-0.07	-0.39	-0.20	-0.08	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	50.63	10.31	14.27	12.57	8.25	2.34	-2.74	-10.98	-7.83	-11.82	-7.43	-4.01	-2.83	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	45.34 -0.07 0.00	58.55 0.01 0.00	42.34 0.13 0.00	40.90 0.09 0.00	36.68 0.12 0.00	39.20 0.12 0.00	2.30 -0.10 50.63	42.63 -0.11 10.31	31.05 0.19 14.27	40.52 0.10 12.57	59.64 0.00 8.25	41.24 0.07 2.34	64.46 0.17 -2.74	53.63 -0.01 -10.98	61.86 0.00 -7.83	85.94 -0.10 -11.82	92.31 -0.51 -7.43	65.76 0.00 -4.01	39.96 0.24 -2.83	72.05 -0.07 0.00	113.76 -0.39 0.00	56.81 -0.20 0.00	44.69 -0.08 0.00	47.81 -0.13 0.00
ALBANY___3 23573	45.34 -0.07 0.00	58.55 0.01 0.00	42.34 0.13 0.00	40.90 0.09 0.00	36.68 0.12 0.00	39.20 0.12 0.00	2.30 -0.10 50.63	42.63 -0.11 10.31	31.05 0.19 14.27	40.52 0.10 12.57	59.64 0.00 8.25	41.24 0.07 2.34	64.46 0.17 -2.74	53.63 -0.01 -10.98	61.86 0.00 -7.83	85.94 -0.10 -11.82	92.31 -0.51 -7.43	65.76 0.00 -4.01	39.96 0.24 -2.83	72.05 -0.07 0.00	113.76 -0.39 0.00	56.81 -0.20 0.00	44.69 -0.08 0.00	47.81 -0.13 0.00
ALBANY___4 23574	45.34 -0.07 0.00	58.55 0.01 0.00	42.34 0.13 0.00	40.90 0.09 0.00	36.68 0.12 0.00	39.20 0.12 0.00	2.30 -0.10 50.63	42.63 -0.11 10.31	31.05 0.19 14.27	40.52 0.10 12.57	59.64 0.00 8.25	41.24 0.07 2.34	64.46 0.17 -2.74	53.63 -0.01 -10.98	61.86 0.00 -7.83	85.94 -0.10 -11.82	92.31 -0.51 -7.43	65.76 0.00 -4.01	39.96 0.24 -2.83	72.05 -0.07 0.00	113.76 -0.39 0.00	56.81 -0.20 0.00	44.69 -0.08 0.00	47.81 -0.13 0.00
ALBANY___LFGE 323615	45.79 0.38 0.00	59.13 0.59 0.00	42.79 0.58 0.00	41.31 0.50 0.00	37.04 0.47 0.00	39.58 0.51 0.00	-2.79 0.47 56.30	41.99 0.40 11.46	29.93 0.67 15.86	39.60 0.67 14.06	59.40 0.75 9.24	41.01 0.51 3.01	64.37 0.84 -1.99	54.12 0.48 -10.97	62.55 0.64 -7.89	86.91 0.78 -11.92	93.36 0.47 -7.50	66.52 0.72 -4.05	40.36 0.62 -2.85	72.81 0.69 0.00	115.02 0.86 0.00	57.40 0.39 0.00	45.14 0.37 0.00	48.33 0.39 0.00
ALCOA_PA_115KV_PL-6C 55860	45.81 0.40 0.00	59.01 0.47 0.00	42.58 0.37 0.00	41.19 0.37 0.00	36.88 0.32 0.00	39.32 0.24 0.00	53.39 0.35 0.00	53.50 0.45 0.00	45.32 0.19 0.00	53.24 0.25 0.00	68.16 0.27 0.00	43.59 0.08 0.00	61.10 -0.45 0.00	42.21 -0.45 0.00	53.57 -0.46 0.00	73.71 -0.50 0.00	85.32 -0.06 0.00	61.40 -0.34 0.00	36.51 -0.38 0.00	71.70 -0.43 0.00	114.14 -0.01 0.00	57.30 0.29 0.00	45.14 0.37 0.00	48.40 0.46 0.00
ALCOA_RYNLDS___DRP 24188	45.80 0.40 0.00	59.01 0.47 0.00	42.58 0.36 0.00	41.19 0.38 0.00	36.87 0.31 0.00	39.32 0.24 0.00	53.38 0.34 0.00	53.50 0.45 0.00	45.31 0.18 0.00	53.24 0.25 0.00	68.16 0.27 0.00	43.59 0.08 0.00	61.08 -0.47 0.00	42.19 -0.47 0.00	53.56 -0.46 0.00	73.65 -0.57 0.00	85.29 -0.10 0.00	61.38 -0.37 0.00	36.51 -0.38 0.00	71.69 -0.44 0.00	114.12 -0.03 0.00	57.30 0.29 0.00	45.13 0.36 0.00	48.41 0.47 0.00
ALCOA___DSASP 323711	45.80 0.40 0.00	59.01 0.47 0.00	42.58 0.36 0.00	41.19 0.38 0.00	36.87 0.31 0.00	39.32 0.24 0.00	53.38 0.34 0.00	53.50 0.45 0.00	45.31 0.18 0.00	53.24 0.25 0.00	68.16 0.27 0.00	43.59 0.08 0.00	61.08 -0.47 0.00	42.19 -0.47 0.00	53.56 -0.46 0.00	73.65 -0.57 0.00	85.29 -0.10 0.00	61.38 -0.37 0.00	36.51 -0.38 0.00	71.69 -0.44 0.00	114.12 -0.03 0.00	57.30 0.29 0.00	45.13 0.36 0.00	48.41 0.47 0.00
ALLEGHENY___COGEN 23514	27.28 0.70 18.82	6.45 0.96 53.05	4.26 0.30 38.25	2.44 0.47 38.84	14.46 0.27 22.37	18.65 0.30 20.72	-6.64 1.28 60.96	32.02 0.97 22.00	36.29 0.06 8.90	47.92 -0.70 4.38	72.61 0.92 -3.79	66.83 0.67 -22.65	48.73 0.29 13.11	43.91 -0.28 -1.53	60.52 -1.18 -7.67	37.18 -0.84 36.20	-5.69 -0.47 90.60	4.95 -0.06 56.74	48.36 0.26 -11.20	79.46 1.25 -6.08	110.10 1.63 5.68	41.24 0.61 16.38	40.65 0.22 4.34	8.81 0.44 39.57
ALTAMONT_115KV_TB 2 55880	45.93 0.53 0.00	59.28 0.74 0.00	42.80 0.58 0.00	41.34 0.53 0.00	37.06 0.49 0.00	39.61 0.54 0.00	30.39 0.59 23.23	48.88 0.56 4.73	39.24 0.65 6.54	48.32 0.71 5.39	65.24 0.81 3.46	44.81 0.52 -0.77	68.45 0.87 -6.04	53.82 0.52 -10.64	62.09 0.64 -7.43	86.30 0.90 -11.18	93.08 0.66 -7.04	66.39 0.84 -3.80	40.26 0.69 -2.68	73.16 1.03 0.00	115.48 1.32 0.00	57.65 0.63 0.00	45.28 0.51 0.00	48.50 0.56 0.00
ALTONA_WT_PWR 323606	45.67 0.26 0.00	58.70 0.17 0.00	42.30 0.09 0.00	40.81 0.00 0.00	36.60 0.04 0.00	39.06 -0.01 0.00	52.87 -0.16 0.00	53.11 0.07 0.00	44.94 -0.19 0.00	52.84 -0.15 0.00	67.47 -0.43 0.00	43.06 -0.45 0.00	59.96 -1.59 0.00	41.42 -1.24 0.00	52.60 -1.43 0.00	72.78 -1.44 0.00	84.91 -0.48 0.00	61.49 -0.26 0.00	36.52 -0.37 0.00	71.51 -0.62 0.00	113.45 -0.71 0.00	56.74 -0.27 0.00	44.68 -0.09 0.00	48.23 0.29 0.00
AMERICAN_REF_FUEL 24010	25.91 -2.76 16.74	12.87 -2.67 42.99	9.33 -2.00 30.89	7.94 -1.70 31.17	15.11 -1.96 19.49	20.16 -2.29 16.62	2.57 -2.44 48.04	27.71 -2.96 22.37	34.66 -3.46 7.01	45.07 -4.47 3.45	61.72 -5.30 0.87	26.15 -2.74 14.62	19.43 -4.72 37.39	12.59 -3.29 26.78	21.66 -4.28 28.09	20.55 -5.37 48.30	6.75 -4.23 74.41	9.13 -2.78 49.84	23.32 -2.48 11.09	63.64 -6.09 2.39	98.80 -10.86 4.49	38.29 -5.58 13.14	30.14 -4.19 10.44	12.48 -3.43 32.03
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.95 -2.89 20.56	2.71 -3.30 52.53	2.01 -2.48 37.73	0.41 -2.33 38.06	10.18 -2.47 23.91	16.00 -2.78 20.29	-8.59 -3.02 58.61	22.20 -3.15 27.69	33.23 -3.35 8.56	44.87 -3.91 4.21	62.12 -4.91 0.86	24.30 -3.01 16.21	12.57 -4.76 44.22	8.26 -3.17 31.22	17.34 -4.18 32.50	10.41 -5.92 57.88	-10.40 -5.19 90.60	-1.07 -2.28 60.53	22.49 -1.90 12.50	66.34 -3.24 2.55	102.20 -6.47 5.48	37.59 -3.36 16.06	29.41 -2.81 12.55	6.45 -2.35 39.13
ARTHUR KILL_GT_1 23520	47.55 2.15 0.00	61.07 2.53 0.00	44.03 1.82 0.00	42.55 1.74 0.00	38.16 1.60 0.00	40.88 1.81 0.00	55.70 2.66 0.00	56.11 3.06 0.00	48.16 3.03 -4.74	61.16 3.44 -3.20	75.45 4.36 -12.68	59.23 3.04 -12.68	94.26 4.25 -28.46	79.36 3.41 -33.29	91.17 4.01 -33.14	131.18 5.24 -51.73	123.50 5.57 -32.54	84.26 4.94 -17.57	52.37 3.22 -12.26	77.75 5.63 0.00	121.87 7.71 0.00	60.86 3.84 0.00	47.86 3.10 0.00	50.81 2.87 0.00
ARTHUR_KILL_2 23512	47.41 2.00 0.00	60.95 2.42 0.00	43.89 1.67 0.00	42.44 1.63 0.00	38.07 1.51 0.00	40.77 1.70 0.00	55.57 2.54 0.00	55.97 2.92 0.00	48.01 2.88 -4.74	60.98 3.25 -3.20	75.22 4.12 -12.68	59.08 2.89 -12.68	94.06 4.06 -28.46	79.20 3.25 -33.29	90.99 3.82 -33.14	130.90 4.95 -51.73	123.24 5.31 -32.54	84.11 4.79 -17.57	52.23 3.08 -12.26	77.43 5.30 0.00	121.40 7.25 0.00	60.64 3.63 0.00	47.70 2.93 0.00	50.69 2.75 0.00
ARTHUR_KILL_3 23513	47.43 2.03 0.00	60.97 2.44 0.00	43.88 1.66 0.00	42.41 1.61 0.00	38.03 1.47 0.00	40.75 1.68 0.00	55.57 2.54 0.00	55.94 2.90 0.00	48.07 2.94 -4.74	61.29 3.56 -3.20	75.72 4.62 -12.68	59.25 3.06 -12.68	94.77 4.75 -28.47	79.43 3.48 -33.30	91.41 4.24 -33.14	131.45 5.50 -51.74	123.64 5.71 -32.55	84.09 4.76 -17.57	52.33 3.17 -12.26	77.64 5.51 0.00	121.82 7.67 0.00	60.61 3.60 0.00	47.71 2.94 0.00	50.75 2.81 0.00

ARTHUR_KILL_COGEN 323718	47.56 2.16 0.00	61.16 2.62 0.00	44.04 1.82 0.00	42.57 1.76 0.00	38.18 1.62 0.00	40.91 1.84 0.00	55.76 2.73 0.00	56.15 3.11 0.00	48.17 3.05 0.00	61.15 3.42 -4.74	75.45 4.36 -3.20	59.25 3.06 -12.68	94.27 4.26 -28.46	79.38 3.43 -33.29	91.19 4.03 -33.14	131.19 5.24 -51.73	123.63 5.70 -32.54	84.41 5.08 -17.57	52.38 3.23 -12.26	77.74 5.62 0.00	121.87 7.72 0.00	60.87 3.86 0.00	47.88 3.11 0.00	50.88 2.93 0.00
ASHOKAN____ 23654	46.30 0.90 0.00	59.55 1.02 0.00	42.89 0.68 0.00	41.40 0.60 0.00	37.11 0.55 0.00	39.75 0.68 0.00	29.50 1.29 24.83	49.78 1.79 5.05	40.25 2.12 6.99	49.77 2.58 5.80	67.19 3.15 3.85	46.22 1.78 -0.93	72.29 3.21 -7.53	57.19 1.91 -12.62	63.29 2.24 -7.03	87.73 3.27 -10.25	95.41 3.57 -6.45	68.19 2.96 -3.48	41.30 1.94 -2.46	75.31 3.18 0.00	118.58 4.43 0.00	59.02 2.00 0.00	46.22 1.45 0.00	49.17 1.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.31 1.91 0.00	60.86 2.32 0.00	43.84 1.62 0.00	42.41 1.61 0.00	38.07 1.50 0.00	40.76 1.69 0.00	55.59 2.56 0.00	56.04 3.00 0.00	48.06 2.93 0.00	61.28 3.56 -4.74	75.51 4.41 -3.20	59.20 3.00 -12.68	94.53 4.52 -28.46	79.36 3.40 -33.29	91.26 4.10 -33.14	131.21 5.26 -51.73	123.39 5.46 -32.54	83.93 4.60 -17.57	52.18 3.03 -12.26	77.37 5.24 0.00	121.43 7.27 0.00	60.46 3.45 0.00	47.61 2.84 0.00	50.63 2.69 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.31 1.91 0.00	60.86 2.32 0.00	43.84 1.62 0.00	42.41 1.61 0.00	38.07 1.50 0.00	40.76 1.69 0.00	55.59 2.56 0.00	56.04 3.00 0.00	48.06 2.93 0.00	61.28 3.56 -4.74	75.51 4.41 -3.20	59.20 3.00 -12.68	94.53 4.52 -28.46	79.36 3.40 -33.29	91.26 4.10 -33.14	131.21 5.26 -51.73	123.39 5.46 -32.54	83.93 4.60 -17.57	52.18 3.03 -12.26	77.37 5.24 0.00	121.43 7.27 0.00	60.46 3.45 0.00	47.61 2.84 0.00	50.63 2.69 0.00
ASTORIA_GT2_1 24094	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT2_2 24095	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT2_3 24096	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT2_4 24097	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT3_1 24098	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT3_2 24099	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT3_3 24100	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT3_4 24101	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT4_1 24102	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT4_2 24103	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT4_3 24104	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00

ASTORIA_GT4_4 24105	47.32 1.92 0.00	60.82 2.29 0.00	43.86 1.65 0.00	42.38 1.58 0.00	38.06 1.49 0.00	40.75 1.67 0.00	55.55 2.52 0.00	56.03 2.98 0.00	48.08 2.95 0.00	61.31 3.58 -4.74	75.55 4.45 -3.20	59.21 3.01 -12.68	94.56 4.55 -28.46	79.37 3.41 -33.29	91.28 4.12 -33.14	131.24 5.29 -51.73	123.34 5.41 -32.54	83.87 4.54 -17.57	52.20 3.04 -12.26	77.39 5.27 0.00	121.49 7.33 0.00	60.48 3.47 0.00	47.62 2.86 0.00	50.60 2.66 0.00
ASTORIA_GT_1 23523	47.42 2.01 0.00	60.91 2.37 0.00	43.93 1.72 0.00	42.45 1.65 0.00	38.12 1.55 0.00	40.82 1.75 0.00	55.67 2.64 0.00	56.15 3.10 0.00	48.17 3.04 0.00	61.42 3.69 -4.74	75.70 4.60 -3.20	59.30 3.11 -12.68	94.71 4.70 -28.46	79.47 3.52 -33.29	91.42 4.25 -33.14	131.43 5.48 -51.73	123.55 5.62 -32.54	84.03 4.71 -17.57	52.28 3.12 -12.26	77.59 5.47 0.00	121.77 7.61 0.00	60.61 3.60 0.00	47.71 2.95 0.00	50.70 2.76 0.00
ASTORIA_GT_10 24110	47.49 2.09 0.00	60.99 2.46 0.00	43.95 1.74 0.00	42.46 1.65 0.00	38.11 1.55 0.00	40.83 1.75 0.00	55.68 2.64 0.00	56.12 3.07 0.00	48.23 3.10 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.37 3.17 -12.68	94.77 4.76 -28.46	79.49 3.54 -33.29	91.43 4.27 -33.14	131.39 5.44 -51.73	123.49 5.56 -32.54	84.00 4.68 -17.57	52.34 3.19 -12.26	77.64 5.52 0.00	121.73 7.57 0.00	60.63 3.61 0.00	47.72 2.95 0.00	50.72 2.78 0.00
ASTORIA_GT_11 24225	47.49 2.09 0.00	60.99 2.46 0.00	43.95 1.74 0.00	42.46 1.65 0.00	38.11 1.55 0.00	40.83 1.75 0.00	55.68 2.64 0.00	56.12 3.07 0.00	48.23 3.10 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.37 3.17 -12.68	94.77 4.76 -28.46	79.49 3.54 -33.29	91.43 4.27 -33.14	131.39 5.44 -51.73	123.49 5.56 -32.54	84.00 4.68 -17.57	52.34 3.19 -12.26	77.64 5.52 0.00	121.73 7.57 0.00	60.63 3.61 0.00	47.72 2.95 0.00	50.72 2.78 0.00
ASTORIA_GT_12 24226	47.49 2.09 0.00	60.99 2.46 0.00	43.95 1.74 0.00	42.46 1.65 0.00	38.11 1.55 0.00	40.83 1.75 0.00	55.68 2.64 0.00	56.12 3.07 0.00	48.23 3.10 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.37 3.17 -12.68	94.77 4.76 -28.46	79.49 3.54 -33.29	91.43 4.27 -33.14	131.39 5.44 -51.73	123.49 5.56 -32.54	84.00 4.68 -17.57	52.34 3.19 -12.26	77.64 5.52 0.00	121.73 7.57 0.00	60.63 3.61 0.00	47.72 2.95 0.00	50.72 2.78 0.00
ASTORIA_GT_13 24227	47.49 2.09 0.00	60.99 2.46 0.00	43.95 1.74 0.00	42.46 1.65 0.00	38.11 1.55 0.00	40.83 1.75 0.00	55.68 2.64 0.00	56.12 3.07 0.00	48.23 3.10 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.37 3.17 -12.68	94.77 4.76 -28.46	79.49 3.54 -33.29	91.43 4.27 -33.14	131.39 5.44 -51.73	123.49 5.56 -32.54	84.00 4.68 -17.57	52.34 3.19 -12.26	77.64 5.52 0.00	121.73 7.57 0.00	60.63 3.61 0.00	47.72 2.95 0.00	50.72 2.78 0.00
ASTORIA_GT_5 24106	47.42 2.01 0.00	60.91 2.37 0.00	43.93 1.72 0.00	42.45 1.65 0.00	38.12 1.55 0.00	40.82 1.75 0.00	55.67 2.64 0.00	56.15 3.10 0.00	48.17 3.04 0.00	61.42 3.69 -4.74	75.70 4.60 -3.20	59.30 3.11 -12.68	94.71 4.70 -28.46	79.47 3.52 -33.29	91.42 4.25 -33.14	131.43 5.48 -51.73	123.55 5.62 -32.54	84.03 4.71 -17.57	52.28 3.12 -12.26	77.59 5.47 0.00	121.77 7.61 0.00	60.61 3.60 0.00	47.71 2.95 0.00	50.70 2.76 0.00
ASTORIA_GT_7 24107	47.42 2.01 0.00	60.91 2.37 0.00	43.93 1.72 0.00	42.45 1.65 0.00	38.12 1.55 0.00	40.82 1.75 0.00	55.67 2.64 0.00	56.15 3.10 0.00	48.17 3.04 0.00	61.42 3.69 -4.74	75.70 4.60 -3.20	59.30 3.11 -12.68	94.71 4.70 -28.46	79.47 3.52 -33.29	91.42 4.25 -33.14	131.43 5.48 -51.73	123.55 5.62 -32.54	84.03 4.71 -17.57	52.28 3.12 -12.26	77.59 5.47 0.00	121.77 7.61 0.00	60.61 3.60 0.00	47.71 2.95 0.00	50.70 2.76 0.00
ASTORIA_GT_8 24108	47.42 2.01 0.00	60.91 2.37 0.00	43.93 1.72 0.00	42.45 1.65 0.00	38.12 1.55 0.00	40.82 1.75 0.00	55.67 2.64 0.00	56.15 3.10 0.00	48.17 3.04 0.00	61.42 3.69 -4.74	75.70 4.60 -3.20	59.30 3.11 -12.68	94.71 4.70 -28.46	79.47 3.52 -33.29	91.42 4.25 -33.14	131.43 5.48 -51.73	123.55 5.62 -32.54	84.03 4.71 -17.57	52.28 3.12 -12.26	77.59 5.47 0.00	121.77 7.61 0.00	60.61 3.60 0.00	47.71 2.95 0.00	50.70 2.76 0.00
ASTORIA___2 24149	47.34 1.94 0.00	60.88 2.35 0.00	43.86 1.64 0.00	42.45 1.64 0.00	38.09 1.53 0.00	40.79 1.72 0.00	55.64 2.60 0.00	56.06 3.02 0.00	48.08 2.96 0.00	61.30 3.57 -4.74	75.55 4.45 -3.20	59.23 3.03 -12.68	94.59 4.58 -28.46	79.38 3.42 -33.29	91.31 4.14 -33.14	131.26 5.31 -51.73	123.44 5.51 -32.54	83.96 4.64 -17.57	52.20 3.05 -12.26	77.39 5.26 0.00	121.53 7.37 0.00	60.49 3.48 0.00	47.64 2.88 0.00	50.67 2.73 0.00
ASTORIA___3 23516	47.50 2.10 0.00	61.06 2.52 0.00	43.95 1.74 0.00	42.50 1.69 0.00	38.15 1.59 0.00	40.86 1.79 0.00	55.72 2.69 0.00	56.14 3.10 0.00	48.24 3.11 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.38 3.19 -12.68	94.79 4.78 -28.46	79.50 3.54 -33.29	91.44 4.27 -33.14	131.40 5.45 -51.73	123.58 5.65 -32.54	84.10 4.78 -17.57	52.33 3.18 -12.26	77.64 5.51 0.00	121.74 7.58 0.00	60.64 3.62 0.00	47.73 2.96 0.00	50.77 2.83 0.00
ASTORIA___4 23517	47.49 2.09 0.00	60.99 2.46 0.00	43.95 1.74 0.00	42.46 1.65 0.00	38.11 1.55 0.00	40.83 1.75 0.00	55.68 2.64 0.00	56.12 3.07 0.00	48.23 3.10 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.37 3.17 -12.68	94.77 4.76 -28.46	79.49 3.54 -33.29	91.43 4.27 -33.14	131.39 5.44 -51.73	123.49 5.56 -32.54	84.00 4.68 -17.57	52.34 3.19 -12.26	77.64 5.52 0.00	121.73 7.57 0.00	60.63 3.61 0.00	47.72 2.95 0.00	50.72 2.78 0.00
ASTORIA___5 23518	47.50 2.10 0.00	61.06 2.52 0.00	43.95 1.74 0.00	42.49 1.69 0.00	38.15 1.59 0.00	40.86 1.79 0.00	55.72 2.69 0.00	56.14 3.10 0.00	48.24 3.11 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.38 3.19 -12.68	94.79 4.78 -28.46	79.50 3.54 -33.29	91.44 4.27 -33.14	131.40 5.45 -51.73	123.58 5.65 -32.54	84.10 4.78 -17.57	52.33 3.18 -12.26	77.64 5.51 0.00	121.74 7.58 0.00	60.64 3.62 0.00	47.73 2.96 0.00	50.77 2.83 0.00
AST_ENERGY_2_CC3 323677	47.55 2.15 0.00	61.13 2.59 0.00	43.98 1.76 0.00	42.50 1.69 0.00	38.13 1.57 0.00	40.86 1.79 0.00	55.71 2.68 0.00	56.10 3.06 0.00	48.23 3.10 0.00	61.49 3.76 -4.74	75.91 4.81 -3.20	59.38 3.18 -12.68	94.89 4.89 -28.46	79.53 3.57 -33.30	91.54 4.38 -33.14	131.55 5.60 -51.73	123.76 5.83 -32.54	84.16 4.84 -17.57	52.37 3.21 -12.26	77.73 5.60 0.00	121.98 7.83 0.00	60.66 3.65 0.00	47.73 2.96 0.00	50.79 2.85 0.00
AST_ENERGY_2_CC4 323678	47.55 2.15 0.00	61.13 2.59 0.00	43.98 1.76 0.00	42.50 1.69 0.00	38.13 1.57 0.00	40.86 1.79 0.00	55.71 2.68 0.00	56.10 3.06 0.00	48.23 3.10 0.00	61.49 3.76 -4.74	75.91 4.81 -3.20	59.38 3.18 -12.68	94.89 4.89 -28.46	79.53 3.57 -33.30	91.54 4.38 -33.14	131.55 5.60 -51.73	123.76 5.83 -32.54	84.16 4.84 -17.57	52.37 3.21 -12.26	77.73 5.60 0.00	121.98 7.83 0.00	60.66 3.65 0.00	47.73 2.96 0.00	50.79 2.85 0.00

ATHENS_STG_1 23668	46.17 0.76 0.00	59.52 0.99 0.00	42.90 0.69 0.00	41.46 0.65 0.00	37.19 0.63 0.00	39.79 0.72 0.00	54.02 0.98 0.00	54.12 1.07 0.00	46.26 1.13 0.00	55.24 1.31 -0.94	70.21 1.64 -0.67	49.31 1.11 -4.70	76.29 1.85 -12.89	59.05 1.31 -15.08	64.39 1.55 -8.81	89.08 1.92 -12.94	95.27 1.74 -8.14	67.95 1.80 -4.40	41.29 1.27 -3.13	74.16 2.03 0.00	116.83 2.67 0.00	58.23 1.21 0.00	45.74 0.98 0.00	48.87 0.93 0.00
ATHENS_STG_2 23670	46.17 0.76 0.00	59.52 0.99 0.00	42.90 0.69 0.00	41.46 0.65 0.00	37.19 0.63 0.00	39.79 0.72 0.00	54.02 0.98 0.00	54.12 1.07 0.00	46.26 1.13 0.00	55.24 1.31 -0.94	70.21 1.64 -0.67	49.31 1.11 -4.70	76.29 1.85 -12.89	59.05 1.31 -15.08	64.39 1.55 -8.81	89.08 1.92 -12.94	95.27 1.74 -8.14	67.95 1.80 -4.40	41.29 1.27 -3.13	74.16 2.03 0.00	116.83 2.67 0.00	58.23 1.21 0.00	45.74 0.98 0.00	48.87 0.93 0.00
ATHENS_STG_3 23677	46.17 0.76 0.00	59.52 0.99 0.00	42.90 0.69 0.00	41.46 0.65 0.00	37.19 0.63 0.00	39.79 0.72 0.00	54.02 0.98 0.00	54.12 1.07 0.00	46.26 1.13 0.00	55.24 1.31 -0.94	70.21 1.64 -0.67	49.31 1.11 -4.70	76.29 1.85 -12.89	59.05 1.31 -15.08	64.39 1.55 -8.81	89.08 1.92 -12.94	95.27 1.74 -8.14	67.95 1.80 -4.40	41.29 1.27 -3.13	74.16 2.03 0.00	116.83 2.67 0.00	58.23 1.21 0.00	45.74 0.98 0.00	48.87 0.93 0.00
AUBURN____LFGE 323710	40.59 0.11 4.93	44.67 0.03 13.90	32.21 0.02 10.02	30.68 0.04 10.17	30.74 0.03 5.86	33.75 0.10 5.43	37.26 0.13 15.90	47.29 -0.12 5.64	42.61 -0.25 2.28	51.57 -0.31 1.12	67.61 -0.28 0.00	41.00 -0.04 2.47	51.34 0.20 10.41	36.14 0.34 6.86	47.27 0.19 6.96	59.35 0.09 14.96	60.73 0.50 25.16	45.28 0.14 16.61	34.92 0.28 2.25	72.60 0.74 0.26	113.43 0.81 1.53	52.61 0.01 4.41	41.63 -0.19 2.95	37.32 0.03 10.65
BABYLON_RES_REC 323704	48.13 2.73 0.00	61.59 3.05 0.00	44.38 2.17 0.00	42.88 2.07 0.00	38.37 1.81 0.00	41.05 1.97 0.00	55.93 2.90 0.00	56.33 3.28 0.00	48.75 3.62 0.00	61.44 3.75 -4.69	76.04 4.96 -3.19	59.60 3.45 -12.64	94.57 4.66 -28.37	79.36 3.51 -33.19	91.73 4.70 -33.01	131.44 5.69 -51.53	123.37 5.57 -32.41	84.08 4.83 -17.50	52.48 3.37 -12.21	78.08 5.96 0.00	122.81 8.65 0.00	61.24 4.23 0.00	48.07 3.30 0.00	51.19 3.25 0.00
BALL_HILL_WT_PWR 323825	23.74 -2.11 19.55	6.23 -2.22 50.09	4.49 -1.74 35.98	2.93 -1.57 36.31	12.03 -1.78 22.76	17.70 -2.01 19.35	-4.94 -2.04 55.94	24.56 -2.25 26.23	34.35 -2.61 8.16	45.79 -3.18 4.02	62.93 -3.83 1.14	23.15 -2.27 18.09	13.28 -3.84 44.43	8.07 -2.48 32.10	16.86 -3.33 33.83	12.98 -4.36 56.88	-4.81 -3.48 86.72	1.76 -1.80 58.20	21.69 -1.63 13.57	65.67 -3.44 3.02	102.08 -6.85 5.23	38.10 -3.59 15.32	29.40 -2.85 12.52	8.29 -2.33 37.33
BARON_WINDS____WT_PWR 323822	16.99 -2.01 26.41	-20.78 -2.71 76.62	-15.52 -2.44 55.30	-17.60 -2.15 56.26	3.05 -1.91 31.61	6.94 -2.12 30.01	-37.81 -2.07 88.78	21.44 -2.18 29.42	30.04 -2.11 12.98	44.03 -2.58 6.39	58.07 -3.55 6.27	-25.96 -2.56 66.91	-43.97 -3.64 101.88	-43.00 -2.28 83.38	-42.55 -3.37 93.21	-43.72 -4.95 112.99	-59.94 -4.58 140.74	-39.42 -3.07 98.10	-9.57 -1.90 44.56	55.37 -3.66 13.10	100.47 -5.39 8.29	30.32 -2.91 23.78	15.72 -2.40 26.65	-11.95 -2.53 57.36
BARRETT_IC_1 23704	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_10 23701	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_11 23702	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_12 23703	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_2 23705	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_3 23706	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_4 23707	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_5 23708	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 4.25 -33.19	91.28 4.47 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00

BARRETT_IC_6 23709	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 3.07 -33.19	91.28 4.25 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_7 23710	47.69 2.28 0.00	61.07 2.53 0.00	44.06 1.84 0.00	42.56 1.75 0.00	38.10 1.54 0.00	40.79 1.72 0.00	55.55 2.51 0.00	55.68 2.63 0.00	48.34 3.21 0.00	61.17 3.48 -4.69	75.63 4.54 -3.19	59.20 3.04 -12.64	93.97 4.06 -28.37	78.90 3.06 -33.19	91.27 4.24 -33.01	130.67 4.92 -51.53	122.16 4.36 -32.41	83.30 4.05 -17.50	51.94 2.83 -12.21	77.02 4.89 0.00	121.15 6.99 0.00	60.35 3.34 0.00	47.48 2.72 0.00	50.67 2.73 0.00
BARRETT_IC_8 23711	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 3.07 -33.19	91.28 4.25 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT_IC_9 23700	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 3.07 -33.19	91.28 4.25 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT___1 23545	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 3.07 -33.19	91.28 4.25 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BARRETT___2 23546	47.71 2.30 0.00	61.19 2.65 0.00	44.06 1.84 0.00	42.57 1.76 0.00	38.13 1.57 0.00	40.83 1.75 0.00	55.60 2.57 0.00	55.81 2.76 0.00	48.36 3.23 0.00	61.18 3.49 -4.69	75.62 4.53 -3.19	59.20 3.04 -12.64	94.01 4.10 -28.37	78.91 3.07 -33.19	91.28 4.25 -33.01	130.72 4.97 -51.53	122.27 4.47 -32.41	83.36 4.10 -17.50	51.94 2.84 -12.21	77.01 4.88 0.00	121.15 7.00 0.00	60.36 3.35 0.00	47.49 2.73 0.00	50.72 2.78 0.00
BATAVIA___115KV_TB1 55881	32.02 -0.54 12.85	22.34 0.02 36.21	15.95 -0.15 26.11	14.34 0.04 26.51	20.94 -0.35 15.27	24.51 -0.42 14.14	11.53 0.09 41.59	37.69 -0.37 14.98	38.02 -1.05 6.06	47.93 -2.08 2.98	66.01 -1.29 0.60	31.88 -0.25 11.38	29.29 -0.94 31.31	19.36 -1.21 22.09	28.83 -2.21 22.98	31.06 -2.10 41.05	20.88 -0.16 64.34	19.55 0.76 42.97	27.79 -0.29 8.82	68.84 -1.50 1.79	106.71 -3.55 3.89	43.74 -2.08 11.19	34.68 -1.63 8.47	20.04 -0.85 27.05
BAYONEEC___CTG1 323682	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG10 323750	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG2 323683	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG3 323684	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG4 323685	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG5 323686	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG6 323687	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG7 323688	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00

BAYONEEC___CTG8 323689	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYONEEC___CTG9 323749	47.60 2.19 0.00	61.19 2.65 0.00	44.01 1.80 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.74 2.71 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.54 3.81 -4.74	75.99 4.90 -3.20	59.39 3.19 -12.68	94.95 4.94 -28.47	79.54 3.59 -33.30	91.55 4.39 -33.14	131.60 5.64 -51.74	123.80 5.87 -32.55	84.19 4.87 -17.57	52.40 3.25 -12.26	77.80 5.68 0.00	122.09 7.94 0.00	60.73 3.72 0.00	47.80 3.03 0.00	50.87 2.92 0.00
BAYPORT_69_KV_BK 2 356364	48.43 3.02 0.00	61.74 3.20 0.00	44.55 2.34 0.00	43.05 2.25 0.00	38.49 1.93 0.00	41.10 2.03 0.00	56.02 2.98 0.00	56.39 3.35 0.00	48.97 3.84 0.00	61.75 4.07 -4.69	76.47 5.38 -3.19	60.03 3.87 -12.64	95.05 5.13 -28.37	79.67 3.83 -33.19	92.17 5.13 -33.01	132.11 6.36 -51.53	123.73 5.93 -32.41	84.60 5.34 -17.50	52.90 3.80 -12.21	79.09 6.96 0.00	124.38 10.22 0.00	62.02 5.01 0.00	48.64 3.87 0.00	51.70 3.76 0.00
BEACON___LESR 323632	46.10 0.69 0.00	59.53 0.99 0.00	43.01 0.80 0.00	41.44 0.63 0.00	37.21 0.65 0.00	39.67 0.60 0.00	-1.62 0.81 55.47	42.45 0.70 11.29	30.44 0.94 15.63	40.25 1.10 13.84	59.90 1.10 9.10	41.32 0.70 2.90	64.88 1.18 -2.16	54.37 0.66 -11.05	62.84 0.92 -7.90	87.37 1.23 -11.92	93.88 0.99 -7.50	66.96 1.16 -4.05	40.58 0.83 -2.85	73.30 1.17 0.00	115.79 1.63 0.00	57.68 0.66 0.00	45.32 0.55 0.00	48.61 0.66 0.00
BEAVER RIVER___HYD 24048	46.02 0.62 0.00	58.65 0.12 0.00	42.31 0.09 0.00	41.29 0.48 0.00	37.11 0.55 0.00	39.31 0.24 0.00	53.38 0.35 0.00	53.21 0.16 0.00	44.92 -0.21 0.00	53.29 0.30 0.00	68.37 0.47 0.00	42.88 -0.63 0.00	60.87 -0.67 0.00	42.68 0.02 0.00	55.20 1.17 0.00	74.35 0.14 0.00	85.65 0.27 0.00	62.92 1.17 0.00	36.90 0.01 0.00	73.41 1.28 0.00	116.78 2.62 0.00	58.81 1.80 0.00	46.58 1.82 0.00	49.03 1.09 0.00
BEEBEE_GT_13 23619	35.09 -0.66 9.66	30.87 -0.46 27.21	22.13 -0.46 19.62	20.58 -0.31 19.93	24.55 -0.54 11.48	27.84 -0.61 10.63	21.38 -0.41 31.24	41.15 -0.67 11.22	39.62 -0.97 4.54	49.54 -1.22 2.24	66.90 -0.99 0.00	38.26 -0.44 4.82	40.19 -0.98 20.38	28.46 -0.88 13.32	39.48 -1.26 13.28	44.52 -1.14 28.56	37.27 -0.08 48.03	30.39 0.34 31.70	32.30 -0.29 4.30	70.51 -1.12 0.50	108.49 -2.75 2.93	46.88 -1.70 8.43	37.69 -1.46 5.62	26.62 -1.02 20.31
BENSHRST_27_KV_BENSHRST_1 355998	47.76 2.36 0.00	61.31 2.78 0.00	44.17 1.95 0.00	42.66 1.85 0.00	38.27 1.71 0.00	41.00 1.93 0.00	55.91 2.87 0.00	56.36 3.31 0.00	48.42 3.29 0.00	61.67 3.94 -4.74	76.14 5.04 -3.20	59.61 3.42 -12.68	95.06 5.05 -28.46	79.80 3.85 -33.29	91.82 4.66 -33.14	132.03 6.09 -51.73	124.16 6.22 -32.54	84.61 5.28 -17.57	52.73 3.58 -12.26	78.41 6.29 0.00	122.93 8.77 0.00	61.27 4.26 0.00	48.14 3.38 0.00	51.13 3.19 0.00
BETHLEHEM___GRP 23843	45.34 -0.07 0.00	58.55 0.01 0.00	42.34 0.13 0.00	40.90 0.09 0.00	36.68 0.12 0.00	39.20 0.12 0.00	2.30 -0.10 50.63	42.63 -0.11 10.31	31.05 0.19 14.27	40.52 0.10 12.57	59.64 0.00 8.25	41.24 0.07 2.34	64.46 0.17 -2.74	53.63 -0.01 -10.98	61.86 0.00 -7.83	85.94 -0.10 -11.82	92.31 -0.51 -7.43	65.76 0.00 -4.01	39.96 0.24 -2.83	72.05 -0.07 0.00	113.76 -0.39 0.00	56.81 -0.20 0.00	44.69 -0.08 0.00	47.81 -0.13 0.00
BETHLEHEM___GS1 323560	45.38 -0.03 0.00	58.59 0.06 0.00	42.41 0.19 0.00	40.94 0.13 0.00	36.71 0.14 0.00	39.22 0.14 0.00	2.36 -0.04 50.63	42.63 -0.10 10.31	31.06 0.19 14.27	40.53 0.11 12.57	59.65 0.00 8.25	41.24 0.07 2.34	64.48 0.19 -2.74	53.68 0.04 -10.98	61.88 0.02 -7.83	85.96 -0.07 -11.82	92.37 -0.45 -7.43	65.84 0.07 -4.01	39.96 0.24 -2.83	72.04 -0.08 0.00	113.82 -0.34 0.00	56.82 -0.19 0.00	44.71 -0.06 0.00	47.86 -0.08 0.00
BETHLEHEM___GS2 323561	45.38 -0.03 0.00	58.59 0.06 0.00	42.41 0.19 0.00	40.94 0.13 0.00	36.71 0.14 0.00	39.22 0.14 0.00	2.36 -0.04 50.63	42.63 -0.10 10.31	31.06 0.19 14.27	40.53 0.11 12.57	59.65 0.00 8.25	41.24 0.07 2.34	64.48 0.19 -2.74	53.68 0.04 -10.98	61.88 0.02 -7.83	85.96 -0.07 -11.82	92.37 -0.45 -7.43	65.84 0.07 -4.01	39.96 0.24 -2.83	72.04 -0.08 0.00	113.82 -0.34 0.00	56.82 -0.19 0.00	44.71 -0.06 0.00	47.86 -0.08 0.00
BETHLEHEM___GS3 323562	45.38 -0.03 0.00	58.59 0.06 0.00	42.41 0.19 0.00	40.94 0.13 0.00	36.71 0.14 0.00	39.22 0.14 0.00	2.36 -0.04 50.63	42.63 -0.10 10.31	31.06 0.19 14.27	40.53 0.11 12.57	59.65 0.00 8.25	41.24 0.07 2.34	64.48 0.19 -2.74	53.68 0.04 -10.98	61.88 0.02 -7.83	85.96 -0.07 -11.82	92.37 -0.45 -7.43	65.84 0.07 -4.01	39.96 0.24 -2.83	72.04 -0.08 0.00	113.82 -0.34 0.00	56.82 -0.19 0.00	44.71 -0.06 0.00	47.86 -0.08 0.00
BETHLEHEM___STEEL 23779	26.88 -1.73 16.79	9.69 -1.52 47.32	6.77 -1.33 34.12	5.10 -1.05 34.65	15.24 -1.36 19.96	19.03 -1.56 18.48	-2.77 -1.43 54.38	31.60 -1.83 19.62	34.92 -2.27 7.93	46.22 -2.87 3.91	63.38 -3.40 1.11	24.02 -1.90 17.60	15.00 -3.33 43.21	9.14 -2.29 31.23	18.11 -3.00 32.92	15.16 -3.75 55.31	-1.35 -2.43 84.31	3.81 -1.35 56.58	22.14 -1.55 13.20	65.51 -3.67 2.94	102.12 -6.96 5.08	38.66 -3.72 14.64	30.19 -2.89 11.68	10.41 -2.15 35.38
BETHLHEM_115KV_TB1 79974	45.46 0.06 0.00	58.70 0.16 0.00	42.44 0.22 0.00	40.98 0.17 0.00	36.76 0.20 0.00	39.28 0.20 0.00	6.42 0.01 46.63	43.57 0.02 9.49	32.27 0.28 13.14	41.70 0.23 11.52	60.52 0.18 7.55	41.79 0.17 1.89	65.10 0.32 -3.24	53.73 0.12 -10.95	61.94 0.13 -7.78	86.04 0.09 -11.73	92.49 -0.28 -7.38	65.90 0.16 -3.99	40.02 0.32 -2.81	72.26 0.14 0.00	114.07 -0.09 0.00	56.96 -0.06 0.00	44.82 0.05 0.00	47.94 0.00 0.00
BETHPAGE_CC_5 323564	48.08 2.68 0.00	61.58 3.04 0.00	44.36 2.14 0.00	42.86 2.05 0.00	38.37 1.81 0.00	41.05 1.98 0.00	55.85 2.82 0.00	56.22 3.17 0.00	48.53 3.40 0.00	61.23 3.55 -4.69	75.75 4.66 -3.19	59.34 3.19 -12.64	94.28 4.36 -28.37	79.15 3.31 -33.19	91.34 4.31 -33.01	130.92 5.17 -51.53	122.71 4.91 -32.41	83.67 4.41 -17.50	52.16 3.06 -12.21	77.46 5.33 0.00	121.80 7.65 0.00	60.73 3.72 0.00	47.74 2.97 0.00	50.87 2.93 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.69 -1.61 17.11	8.91 -1.40 48.23	6.19 -1.25 34.78	4.54 -0.95 35.31	14.94 -1.28 20.34	18.77 -1.46 18.83	-3.68 -1.29 55.42	31.37 -1.68 19.99	34.93 -2.12 8.09	46.33 -2.68 3.98	63.67 -3.18 1.05	24.50 -1.77 17.24	14.91 -3.19 43.44	9.29 -2.16 31.21	18.43 -2.80 32.79	14.78 -3.50 55.93	-2.67 -2.21 85.86	3.02 -1.18 57.55	22.45 -1.43 13.02	65.89 -3.40 2.84	102.41 -6.57 5.18	38.58 -3.52 14.92	30.27 -2.74 11.76	9.90 -1.99 36.05

BINGHAMTON___COGEN 23790	73.24 0.06 -27.77	136.87 0.06 -78.27	98.63 -0.02 -56.44	98.10 -0.02 -57.31	69.54 -0.03 -33.01	69.67 0.02 -30.57	144.45 0.19 -91.23	85.17 0.11 -32.01	59.27 0.00 -14.14	60.00 0.05 -6.96	67.76 0.16 0.29	57.48 0.22 -13.75	120.75 0.60 -58.60	81.70 0.56 -38.48	93.19 0.43 -38.73	158.07 0.56 -83.29	225.96 0.45 -140.12	148.82 0.78 -86.29	49.94 0.51 -12.53	74.53 0.94 -1.46	123.50 0.81 -8.53	81.84 0.24 -24.58	61.31 0.12 -16.41	93.17 0.14 -45.08
BIXINCNT_115KV_LOAD 355685	25.20 -1.61 18.60	4.58 -1.55 52.41	2.73 -1.70 37.79	1.44 -1.00 38.37	12.91 -1.55 22.11	16.95 -1.66 20.47	-8.62 -1.43 60.22	29.61 -1.70 21.74	34.55 -1.79 8.79	46.23 -2.44 4.33	63.51 -3.68 0.71	25.70 -2.60 15.21	12.32 -5.02 44.20	8.80 -3.06 30.81	18.61 -3.58 31.84	11.20 -4.43 58.58	-11.91 -4.33 92.97	-2.68 -2.46 61.98	23.21 -1.74 11.94	66.82 -3.01 2.29	102.23 -6.30 5.63	37.49 -3.31 16.21	30.22 -2.50 12.04	7.01 -1.75 39.18
BLACK RIVER___HYD 24047	46.39 0.98 0.00	58.98 0.44 0.00	42.48 0.27 0.00	41.52 0.71 0.00	37.37 0.80 0.00	39.52 0.44 0.00	53.68 0.64 0.00	53.43 0.39 0.00	45.02 -0.10 0.00	53.69 0.70 0.00	69.04 1.14 0.00	42.95 -0.57 0.00	61.55 0.00 0.00	43.37 0.71 0.00	56.04 2.01 0.00	74.66 0.45 0.00	86.15 0.77 0.00	63.76 2.01 0.00	37.31 0.41 0.00	74.86 2.73 0.00	119.07 4.91 0.00	59.67 2.66 0.00	47.00 2.23 0.00	49.46 1.52 0.00
BLACKRVR_115KV_TB2 79977	46.40 0.99 0.00	59.00 0.47 0.00	42.50 0.28 0.00	41.53 0.72 0.00	37.37 0.81 0.00	39.52 0.45 0.00	53.69 0.66 0.00	53.43 0.39 0.00	45.03 -0.10 0.00	53.69 0.70 0.00	69.04 1.15 0.00	42.94 -0.57 0.00	61.55 0.01 0.00	43.37 0.71 0.00	56.04 2.01 0.00	74.69 0.47 0.00	86.17 0.78 0.00	63.80 2.05 0.00	37.31 0.41 0.00	74.86 2.73 0.00	119.06 4.91 0.00	59.68 2.67 0.00	47.01 2.24 0.00	49.48 1.54 0.00
BLISS_WT_PWR 323608	22.34 -1.83 21.23	2.05 -2.45 54.03	1.33 -2.08 38.81	0.39 -1.27 39.14	10.05 -1.84 24.67	16.24 -1.97 20.86	-9.14 -1.95 60.23	22.39 -1.94 28.72	34.45 -1.88 8.79	46.12 -2.54 4.33	63.13 -4.05 0.71	25.28 -3.02 15.21	11.37 -5.98 44.20	8.31 -3.54 30.81	18.07 -4.11 31.84	10.50 -5.13 58.58	-13.45 -5.87 92.97	-3.52 -3.30 61.98	22.93 -2.02 11.94	66.64 -3.20 2.29	101.66 -6.87 5.63	36.96 -3.54 16.51	29.45 -2.71 12.61	5.59 -2.10 40.26
BLUESTONE___WT_PWR 323821	43.11 -2.30 0.00	53.70 -4.84 0.00	38.90 -3.31 0.00	37.57 -3.24 0.00	33.12 -3.45 0.00	36.43 -2.64 0.00	48.56 -4.48 0.00	50.82 -2.23 0.00	47.20 2.07 0.00	53.02 2.41 2.38	67.64 1.76 2.01	33.13 1.07 11.46	66.09 1.81 -2.73	63.32 1.15 -19.51	75.06 1.54 -19.49	118.82 2.69 -41.92	157.13 1.22 -70.52	105.92 0.87 -43.29	44.25 1.05 -6.31	76.10 3.24 -0.74	118.61 0.16 -4.29	69.29 -0.17 -12.44	53.00 -0.16 -8.39	70.24 -0.33 -22.63
BLUE_CIRC_CHEM_DRP 24182	45.96 0.56 0.00	59.38 0.84 0.00	42.91 0.69 0.00	41.45 0.64 0.00	37.14 0.57 0.00	39.57 0.49 0.00	20.04 -0.06 32.94	45.83 -0.52 6.71	35.67 -0.18 9.28	44.76 -0.31 7.93	62.15 -0.57 5.17	42.82 -0.42 0.27	66.22 -0.49 -5.16	53.19 -0.56 -11.09	61.04 -0.52 -7.54	84.83 -0.69 -11.31	91.36 -1.14 -7.11	65.08 -0.51 -3.84	39.49 -0.11 -2.71	71.56 -0.57 0.00	113.08 -1.07 0.00	56.44 -0.57 0.00	44.61 -0.15 0.00	48.41 0.47 0.00
BOC_GAS_DRP 24189	45.73 0.32 0.00	59.04 0.50 0.00	42.63 0.41 0.00	41.18 0.37 0.00	36.92 0.36 0.00	39.44 0.36 0.00	27.27 0.32 26.09	48.04 0.31 5.31	38.25 0.47 7.35	47.35 0.48 6.13	64.49 0.55 3.96	44.37 0.38 -0.47	68.02 0.70 -5.78	53.84 0.42 -10.77	62.01 0.47 -7.51	86.06 0.54 -11.30	92.72 0.22 -7.11	66.15 0.56 -3.84	40.12 0.52 -2.71	72.75 0.62 0.00	114.84 0.68 0.00	57.32 0.31 0.00	45.05 0.29 0.00	48.27 0.33 0.00
BOONVILLE_115KV_TB1 79983	46.24 0.84 0.00	59.26 0.72 0.00	42.75 0.53 0.00	41.49 0.69 0.00	37.24 0.68 0.00	39.69 0.62 0.00	53.88 0.85 0.00	53.78 0.73 0.00	45.51 0.38 0.00	53.64 0.64 0.00	68.85 0.96 0.00	43.80 0.28 0.00	62.11 0.56 0.00	43.33 0.67 0.00	55.57 1.54 0.00	75.83 1.62 0.00	87.12 1.74 0.00	63.69 1.94 0.00	37.70 0.81 0.00	74.28 2.16 0.00	117.58 3.43 0.00	58.91 1.89 0.00	46.39 1.62 0.00	49.16 1.22 0.00
BORALEX_4TH_BRANCH 23824	46.81 1.40 0.00	60.90 2.36 0.00	44.12 1.90 0.00	42.49 1.68 0.00	38.08 1.52 0.00	40.82 1.74 0.00	135.38 1.94 -80.41	71.17 1.75 -16.37	69.63 1.67 -22.83	76.80 1.68 -22.13	85.02 2.10 -15.03	58.50 1.55 -13.43	83.88 2.17 -20.17	54.88 1.03 -11.19	63.50 1.18 -8.29	88.14 1.36 -12.56	93.99 0.70 -7.90	66.99 0.98 -4.26	40.71 0.82 -3.00	73.40 1.27 0.00	116.68 2.53 0.00	58.49 1.48 0.00	45.91 1.14 0.00	49.39 1.45 0.00
BOWLINE___1 23526	47.04 1.64 0.00	60.48 1.95 0.00	43.55 1.33 0.00	42.09 1.28 0.00	37.73 1.16 0.00	40.42 1.35 0.00	55.10 2.06 0.00	55.42 2.38 0.00	47.53 2.40 0.00	47.12 2.86 8.73	66.52 3.68 5.06	49.82 2.47 -3.84	101.91 3.98 -36.39	88.15 2.93 -42.56	101.81 3.67 -44.12	148.06 4.72 -69.12	133.70 4.84 -43.48	89.33 4.11 -23.47	55.93 2.67 -16.37	76.70 4.58 0.00	120.46 6.31 0.00	59.91 2.90 0.00	47.05 2.28 0.00	50.10 2.16 0.00
BOWLINE___2 23595	47.04 1.64 0.00	60.49 1.95 0.00	43.55 1.33 0.00	42.09 1.28 0.00	37.73 1.16 0.00	40.42 1.35 0.00	55.10 2.06 0.00	55.42 2.38 0.00	47.53 2.40 0.00	47.11 2.86 8.74	66.52 3.68 5.06	49.79 2.47 -3.81	101.80 3.98 -36.27	88.02 2.93 -42.43	101.67 3.67 -43.97	147.81 4.72 -68.87	133.55 4.84 -43.32	89.25 4.11 -23.39	55.87 2.67 -16.31	76.70 4.58 0.00	120.46 6.31 0.00	59.91 2.90 0.00	47.05 2.28 0.00	50.10 2.16 0.00
BRADY___115KV_TB2 356060	46.34 0.94 0.00	59.67 1.13 0.00	43.06 0.84 0.00	41.67 0.86 0.00	37.33 0.76 0.00	39.80 0.73 0.00	54.11 1.07 0.00	54.05 1.00 0.00	45.43 0.30 0.00	53.34 0.35 0.00	68.45 0.56 0.00	43.83 0.32 0.00	61.09 -0.46 0.00	42.31 -0.34 0.00	53.74 -0.29 0.00	74.06 -0.15 0.00	85.43 0.05 0.00	61.75 0.00 0.00	36.67 -0.22 0.00	72.30 0.17 0.00	115.53 1.37 0.00	58.13 1.12 0.00	45.83 1.06 0.00	49.11 1.17 0.00
BRANSCOMB___SOLAR 323811	47.12 1.72 0.00	60.85 2.31 0.00	43.95 1.74 0.00	42.38 1.57 0.00	37.99 1.43 0.00	40.71 1.64 0.00	116.11 2.16 -60.92	67.56 2.11 -12.40	64.30 1.93 -17.24	71.22 2.11 -16.12	81.88 2.57 -11.42	55.73 1.60 -10.62	80.19 2.13 -16.52	53.84 1.21 -9.97	62.83 1.62 -7.18	87.51 2.45 -10.84	94.78 2.57 -6.82	67.73 2.30 -3.68	41.16 1.67 -2.60	75.21 3.09 0.00	118.92 4.76 0.00	59.40 2.38 0.00	46.56 1.80 0.00	49.96 2.02 0.00
BRDGHMPT_69_KV_BK1 55812	48.88 3.47 0.00	61.74 3.20 0.00	44.47 2.25 0.00	43.06 2.25 0.00	38.51 1.95 0.00	40.93 1.86 0.00	55.72 2.69 0.00	56.09 3.05 0.00	48.49 3.36 0.00	61.24 3.56 -4.69	75.83 4.74 -3.19	59.74 3.59 -12.64	94.62 4.71 -28.37	79.40 3.56 -33.19	91.83 4.78 -33.01	131.57 5.82 -51.53	123.15 5.34 -32.41	84.19 4.93 -17.50	52.69 3.59 -12.21	78.94 6.81 0.00	123.79 9.64 0.00	61.60 4.59 0.00	48.30 3.54 0.00	51.26 3.33 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	48.27 2.87 0.00	61.66 3.12 0.00	44.53 2.31 0.00	43.01 2.20 0.00	38.47 1.91 0.00	41.09 2.02 0.00	56.03 3.00 0.00	56.37 3.32 0.00	48.88 3.75 0.00	61.54 3.85 -4.69	76.14 5.05 -3.19	59.60 3.44 -12.64	94.47 4.56 -28.37	79.33 3.48 -33.19	91.72 4.68 -33.01	131.37 5.62 -51.53	122.91 5.11 -32.41	83.85 4.60 -17.50	52.45 3.35 -12.21	78.17 6.04 0.00	123.07 8.92 0.00	61.51 4.49 0.00	48.23 3.46 0.00	51.38 3.44 0.00
BRISTLHL_115KV_TB1 79998	44.58 -0.82 0.00	57.49 -1.05 0.00	41.42 -0.79 0.00	40.08 -0.73 0.00	35.87 -0.69 0.00	38.36 -0.72 0.00	52.12 -0.91 0.00	51.94 -1.10 0.00	44.01 -1.12 0.00	51.72 -1.27 0.00	66.43 -1.46 0.00	42.58 -0.93 0.00	60.45 -1.09 0.00	41.96 -0.70 0.00	53.08 -0.94 0.00	72.79 -1.42 0.00	83.78 -1.60 0.00	60.96 -0.79 0.00	36.39 -0.50 0.00	71.19 -0.94 0.00	112.25 -1.91 0.00	55.94 -1.07 0.00	43.83 -0.94 0.00	46.96 -0.98 0.00
BROOKHAVEN___DRP 24191	47.78 2.37 0.00	60.85 2.31 0.00	43.92 1.71 0.00	42.47 1.66 0.00	37.95 1.39 0.00	40.51 1.43 0.00	55.17 2.14 0.00	55.51 2.47 0.00	48.17 3.04 0.00	60.78 3.10 -4.69	75.16 4.08 -3.19	59.18 3.03 -12.64	93.87 3.95 -28.37	78.86 3.02 -33.19	91.13 4.10 -33.01	130.62 4.87 -51.53	122.06 4.26 -32.41	83.39 4.14 -17.50	52.18 3.07 -12.21	77.72 5.59 0.00	122.19 8.03 0.00	60.92 3.91 0.00	47.82 3.05 0.00	50.89 2.95 0.00
BROOKLYN_NAVY_YARD 23515	47.60 2.19 0.00	61.17 2.63 0.00	44.01 1.79 0.00	42.54 1.73 0.00	38.16 1.61 0.00	40.90 1.82 0.00	55.77 2.74 0.00	56.15 3.11 0.00	48.28 3.15 0.00	61.55 3.82 -4.74	75.94 4.85 -3.20	59.39 3.19 -12.68	94.94 4.93 -28.47	79.56 3.60 -33.30	91.56 4.40 -33.14	131.57 5.62 -51.74	123.79 5.85 -32.55	84.21 4.88 -17.57	52.38 3.23 -12.26	77.76 5.64 0.00	122.02 7.86 0.00	60.72 3.71 0.00	47.80 3.04 0.00	50.85 2.91 0.00
BROOKLYN___ARMY_DRP 323595	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.44 5.51 -32.54	84.07 4.74 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
BROOME_2_LFGE 323671	74.01 0.03 -28.58	137.29 -0.01 -78.77	98.91 -0.05 -56.75	98.32 -0.04 -57.55	70.30 -0.06 -33.80	69.77 0.01 -30.69	144.40 0.14 -91.23	87.36 0.10 -34.22	59.26 -0.01 -14.14	60.00 0.05 -6.96	67.76 0.15 0.29	57.46 0.19 -13.75	120.70 0.55 -58.60	81.62 0.49 -38.48	93.13 0.37 -38.73	157.94 0.43 -83.29	225.78 0.28 -140.12	148.70 0.66 -86.29	49.91 0.49 -12.53	74.55 0.96 -1.46	123.46 0.77 -8.53	81.92 0.23 -24.68	61.46 0.11 -16.59	93.45 0.10 -45.41
BROOME___LFGE 323600	74.01 0.03 -28.58	137.29 -0.01 -78.77	98.91 -0.05 -56.75	98.32 -0.04 -57.55	70.30 -0.06 -33.80	69.77 0.01 -30.69	144.40 0.14 -91.23	87.36 0.10 -34.22	59.26 -0.01 -14.14	60.00 0.05 -6.96	67.76 0.15 0.29	57.46 0.19 -13.75	120.70 0.55 -58.60	81.62 0.49 -38.48	93.13 0.37 -38.73	157.94 0.43 -83.29	225.78 0.28 -140.12	148.70 0.66 -86.29	49.91 0.49 -12.53	74.55 0.96 -1.46	123.46 0.77 -8.53	81.92 0.23 -24.68	61.46 0.11 -16.59	93.45 0.10 -45.41
BROWNFLS_115KV_TB 3_5 80003	45.92 0.51 0.00	58.75 0.22 0.00	42.39 0.17 0.00	41.22 0.41 0.00	37.00 0.43 0.00	39.29 0.21 0.00	53.38 0.35 0.00	53.30 0.25 0.00	44.95 -0.18 0.00	53.14 0.15 0.00	68.19 0.30 0.00	43.06 -0.45 0.00	60.53 -1.02 0.00	42.10 -0.57 0.00	54.03 0.00 0.00	73.39 -0.83 0.00	84.73 -0.66 0.00	61.81 0.06 0.00	36.41 -0.48 0.00	72.13 0.01 0.00	115.13 0.97 0.00	58.11 1.09 0.00	46.02 1.25 0.00	48.80 0.86 0.00
BROWNSV1_27_KV_LOAD 356125	47.96 2.56 0.00	61.58 3.05 0.00	44.34 2.12 0.00	42.83 2.02 0.00	38.42 1.86 0.00	41.17 2.10 0.00	56.16 3.13 0.00	56.59 3.54 0.00	48.65 3.52 0.00	62.02 4.29 -4.74	76.60 5.51 -3.20	59.81 3.61 -12.68	95.56 5.54 -28.47	80.00 4.04 -33.30	92.11 4.95 -33.14	132.37 6.41 -51.74	124.63 6.69 -32.55	84.78 5.46 -17.57	52.77 3.62 -12.26	78.55 6.42 0.00	123.22 9.07 0.00	61.29 4.28 0.00	48.19 3.42 0.00	51.24 3.30 0.00
BURROWS___LYONSDAL 23803	46.13 0.73 0.00	59.03 0.49 0.00	42.58 0.36 0.00	41.42 0.61 0.00	37.18 0.62 0.00	39.54 0.47 0.00	53.68 0.65 0.00	53.56 0.52 0.00	45.32 0.19 0.00	53.51 0.51 0.00	68.66 0.76 0.00	43.49 -0.02 0.00	61.71 0.16 0.00	43.10 0.44 0.00	55.48 1.45 0.00	75.46 1.24 0.00	86.80 1.41 0.00	63.52 1.77 0.00	37.47 0.58 0.00	73.98 1.86 0.00	117.27 3.11 0.00	58.85 1.84 0.00	46.45 1.68 0.00	49.07 1.13 0.00
CAITHNESS_CC_1 323624	47.78 2.37 0.00	61.03 2.50 0.00	43.94 1.73 0.00	42.50 1.70 0.00	38.00 1.44 0.00	40.57 1.50 0.00	55.28 2.24 0.00	55.65 2.61 0.00	48.21 3.08 0.00	60.81 3.13 -4.69	75.15 4.06 -3.19	59.16 3.00 -12.64	93.84 3.93 -28.37	78.84 3.00 -33.19	91.13 4.09 -33.01	130.62 4.88 -51.53	122.16 4.36 -32.41	83.41 4.16 -17.50	52.15 3.04 -12.21	77.64 5.51 0.00	122.08 7.92 0.00	60.89 3.87 0.00	47.80 3.03 0.00	50.91 2.96 0.00
CALPINE BETH_PAGE_GT4 24209	48.09 2.69 0.00	61.51 2.97 0.00	44.38 2.16 0.00	42.86 2.05 0.00	38.38 1.81 0.00	41.06 1.99 0.00	55.88 2.85 0.00	56.21 3.17 0.00	48.52 3.40 0.00	61.26 3.57 -4.69	75.84 4.75 -3.19	59.39 3.23 -12.64	94.39 4.47 -28.37	79.21 3.36 -33.19	91.31 4.28 -33.01	130.87 5.12 -51.53	122.56 4.75 -32.41	83.58 4.33 -17.50	52.13 3.02 -12.21	77.43 5.30 0.00	121.79 7.64 0.00	60.78 3.77 0.00	47.76 2.99 0.00	50.88 2.94 0.00
CALPINE_BETH_PAGE_GT_4 323586	48.11 2.70 0.00	61.63 3.09 0.00	44.39 2.17 0.00	42.88 2.08 0.00	38.40 1.84 0.00	41.10 2.02 0.00	55.95 2.92 0.00	56.30 3.26 0.00	48.54 3.42 0.00	61.27 3.58 -4.69	75.84 4.75 -3.19	59.40 3.24 -12.64	94.39 4.48 -28.37	79.21 3.37 -33.19	91.34 4.30 -33.01	130.90 5.16 -51.53	122.68 4.88 -32.41	83.65 4.40 -17.50	52.13 3.03 -12.21	77.43 5.30 0.00	121.79 7.63 0.00	60.79 3.78 0.00	47.78 3.01 0.00	50.92 2.98 0.00
CALPINE_BP_GT1 23823	48.11 2.70 0.00	61.63 3.09 0.00	44.39 2.17 0.00	42.88 2.08 0.00	38.40 1.84 0.00	41.10 2.02 0.00	55.95 2.92 0.00	56.30 3.26 0.00	48.54 3.42 0.00	61.27 3.58 -4.69	75.84 4.75 -3.19	59.40 3.24 -12.64	94.39 4.48 -28.37	79.21 3.37 -33.19	91.34 4.30 -33.01	130.90 5.16 -51.53	122.68 4.88 -32.41	83.65 4.40 -17.50	52.13 3.03 -12.21	77.43 5.30 0.00	121.79 7.63 0.00	60.79 3.78 0.00	47.78 3.01 0.00	50.92 2.98 0.00
CALSPAN___DRP 24200	26.88 -1.73 16.79	9.69 -1.52 47.32	6.77 -1.33 34.12	5.10 -1.05 34.65	15.24 -1.36 19.96	19.03 -1.56 18.48	-2.77 -1.43 54.38	31.60 -1.83 19.62	34.92 -2.27 7.93	46.22 -2.87 3.91	63.38 -3.40 1.11	24.02 -1.90 17.60	15.00 -3.33 43.21	9.14 -2.29 31.23	18.11 -3.00 32.92	15.16 -3.75 55.31	-1.35 -2.43 84.31	3.81 -1.35 56.58	22.14 -1.55 13.20	65.51 -3.67 2.94	102.12 -6.96 5.08	38.66 -3.72 14.64	30.19 -2.89 11.68	10.41 -2.15 35.38

CALVERTON___SOLAR 323806	47.88 2.47 0.00	61.05 2.52 0.00	43.95 1.74 0.00	42.53 1.72 0.00	38.01 1.44 0.00	40.57 1.49 0.00	55.27 2.23 0.00	55.65 2.61 0.00	48.22 3.09 0.00	60.84 3.16 -4.69	75.19 4.11 -3.19	59.24 3.09 -12.64	93.97 4.06 -28.37	78.92 3.08 -33.19	91.25 4.21 -33.01	130.79 5.04 -51.53	122.37 4.56 -32.41	83.57 4.32 -17.50	52.25 3.15 -12.21	77.86 5.74 0.00	122.37 8.22 0.00	61.02 4.00 0.00	47.89 3.12 0.00	50.97 3.03 0.00
CANDIGU_WT_PWR 323617	16.99 -2.01 26.41	-20.78 -2.71 76.62	-15.52 -2.44 55.30	-17.60 -2.15 56.26	3.05 -1.91 31.61	6.94 -2.12 30.01	-37.81 -2.07 88.78	21.44 -2.18 29.42	30.04 -2.11 12.98	44.03 -2.58 6.39	58.07 -3.55 6.27	-25.96 -2.56 66.91	-43.97 -3.64 101.88	-43.00 -2.28 83.38	-42.55 -3.37 93.21	-43.72 -4.95 112.99	-59.94 -4.58 140.74	-39.42 -3.07 98.10	-9.57 -1.90 44.56	55.37 -3.66 13.10	100.47 -5.39 8.29	30.32 -2.91 23.78	15.72 -2.40 26.65	-11.95 -2.53 57.36
CARR STREET_E_SYR 24060	44.91 -0.49 0.00	57.91 -0.62 0.00	41.74 -0.48 0.00	40.37 -0.44 0.00	36.14 -0.42 0.00	38.65 -0.42 0.00	52.54 -0.50 0.00	52.43 -0.62 0.00	44.46 -0.67 0.00	52.30 -0.69 0.00	67.12 -0.78 0.00	43.13 -0.39 0.00	61.16 -0.39 0.00	42.43 -0.23 0.00	53.66 -0.36 0.00	73.68 -0.54 0.00	84.84 -0.55 0.00	61.62 -0.13 0.00	36.79 -0.10 0.00	71.89 -0.24 0.00	113.30 -0.86 0.00	56.42 -0.60 0.00	44.21 -0.56 0.00	47.37 -0.57 0.00
CARTHAGE___PAPER 23857	46.37 0.97 0.00	59.03 0.49 0.00	42.55 0.34 0.00	41.54 0.73 0.00	37.36 0.80 0.00	39.56 0.49 0.00	53.72 0.68 0.00	53.52 0.47 0.00	45.10 -0.03 0.00	53.60 0.60 0.00	68.75 0.86 0.00	42.97 -0.54 0.00	61.31 -0.23 0.00	43.12 0.46 0.00	55.78 1.75 0.00	74.74 0.52 0.00	86.13 0.75 0.00	63.51 1.76 0.00	37.24 0.35 0.00	74.39 2.27 0.00	118.40 4.24 0.00	59.50 2.49 0.00	46.99 2.23 0.00	49.46 1.52 0.00
CASSADAGA_WT_PWR 323784	21.81 -2.82 20.77	2.32 -3.16 53.05	1.66 -2.44 38.11	0.05 -2.31 38.45	9.91 -2.49 24.16	15.76 -2.82 20.49	-9.08 -2.92 59.19	21.99 -3.07 27.98	33.28 -3.21 8.64	44.90 -3.84 4.25	61.99 -5.10 0.80	24.60 -3.08 15.83	12.52 -4.83 44.20	8.45 -3.15 31.06	17.63 -4.15 32.25	9.94 -6.15 58.13	-11.40 -5.34 91.45	-1.49 -2.18 61.05	22.73 -1.87 12.29	66.86 -2.81 2.45	102.84 -5.78 5.53	37.78 -3.01 16.22	29.64 -2.56 12.56	6.33 -2.08 39.53
CE_DUNWOOD___DRP 24194	47.30 1.90 0.00	60.76 2.22 0.00	43.77 1.56 0.00	42.29 1.48 0.00	37.92 1.36 0.00	40.62 1.54 0.00	55.37 2.34 0.00	55.72 2.68 0.00	47.87 2.74 0.00	61.36 3.30 -5.07	75.44 4.26 -3.29	59.34 2.81 -13.01	95.13 4.39 -29.20	80.02 3.21 -34.15	92.12 3.97 -34.13	132.61 5.09 -53.30	124.06 5.14 -33.53	84.19 4.34 -18.11	52.42 2.90 -12.63	77.15 5.02 0.00	121.16 7.01 0.00	60.27 3.25 0.00	47.35 2.58 0.00	50.41 2.47 0.00
CE_MILLWOOD___DRP 24193	47.21 1.80 0.00	60.64 2.10 0.00	43.69 1.47 0.00	42.21 1.39 0.00	37.85 1.29 0.00	40.54 1.46 0.00	55.24 2.21 0.00	55.59 2.55 0.00	47.73 2.61 0.00	61.43 3.13 -5.31	75.27 4.05 -3.33	59.58 2.68 -13.39	96.07 4.21 -30.31	81.20 3.08 -35.46	93.49 3.81 -35.66	134.82 4.88 -55.72	125.38 4.94 -35.05	84.88 4.20 -18.93	52.89 2.79 -13.20	76.95 4.82 0.00	120.84 6.69 0.00	60.12 3.11 0.00	47.23 2.46 0.00	50.28 2.34 0.00
CE_NYC2_DRP 24202	47.53 2.12 0.00	61.04 2.50 0.00	43.98 1.76 0.00	42.49 1.68 0.00	38.14 1.58 0.00	40.85 1.78 0.00	55.71 2.67 0.00	56.14 3.10 0.00	48.27 3.14 0.00	61.52 3.79 -4.74	75.91 4.81 -3.20	59.41 3.22 -12.68	94.85 4.84 -28.46	79.54 3.58 -33.29	91.49 4.33 -33.14	131.47 5.52 -51.73	123.58 5.66 -32.54	84.08 4.76 -17.57	52.37 3.22 -12.26	77.71 5.59 0.00	121.84 7.69 0.00	60.67 3.65 0.00	47.75 2.98 0.00	50.75 2.81 0.00
CE_NYC_DRP 24195	47.64 2.23 0.00	61.17 2.63 0.00	44.05 1.84 0.00	42.55 1.75 0.00	38.18 1.61 0.00	40.89 1.82 0.00	55.77 2.73 0.00	56.17 3.13 0.00	48.33 3.20 0.00	61.64 3.91 -4.74	76.12 5.03 -3.20	59.48 3.29 -12.68	95.09 5.08 -28.47	79.66 3.71 -33.30	91.69 4.53 -33.14	131.77 5.81 -51.74	123.92 5.98 -32.55	84.26 4.94 -17.57	52.46 3.31 -12.26	77.92 5.79 0.00	122.25 8.09 0.00	60.81 3.79 0.00	47.83 3.06 0.00	50.86 2.92 0.00
CHAFFEE___LFGE 323603	23.71 -1.62 20.08	5.58 -1.61 51.34	4.01 -1.34 36.88	2.53 -1.07 37.21	11.86 -1.35 23.35	17.69 -1.55 19.83	-5.71 -1.45 57.30	24.33 -1.72 26.99	34.64 -2.12 8.36	46.28 -2.60 4.12	64.03 -2.95 0.91	25.47 -1.65 16.39	14.71 -3.15 43.69	9.55 -2.11 31.00	18.96 -2.70 32.36	13.87 -3.42 56.93	-5.53 -2.29 88.63	1.21 -1.27 59.27	23.01 -1.32 12.56	66.36 -3.15 2.61	102.43 -6.37 5.36	37.96 -3.36 15.70	29.72 -2.68 12.37	7.60 -2.08 38.25
CHATEAUG_35_KV_LOAD 355732	45.43 0.02 0.00	58.41 -0.13 0.00	42.07 -0.14 0.00	40.61 -0.20 0.00	36.43 -0.13 0.00	38.86 -0.22 0.00	52.58 -0.45 0.00	52.88 -0.17 0.00	44.80 -0.33 0.00	52.69 -0.30 0.00	67.27 -0.62 0.00	42.93 -0.58 0.00	59.77 -1.77 0.00	41.35 -1.31 0.00	52.47 -1.55 0.00	72.49 -1.72 0.00	84.76 -0.62 0.00	61.11 -0.64 0.00	36.30 -0.59 0.00	71.15 -0.97 0.00	113.07 -1.09 0.00	56.64 -0.37 0.00	44.59 -0.18 0.00	48.05 0.11 0.00
CHATEAUG_WT_PWR 323614	45.40 0.00 0.00	58.40 -0.14 0.00	42.08 -0.14 0.00	40.62 -0.19 0.00	36.42 -0.14 0.00	38.86 -0.21 0.00	52.61 -0.42 0.00	52.87 -0.17 0.00	44.82 -0.31 0.00	52.71 -0.28 0.00	67.33 -0.56 0.00	43.00 -0.51 0.00	59.95 -1.60 0.00	41.46 -1.20 0.00	52.62 -1.41 0.00	72.73 -1.49 0.00	84.74 -0.65 0.00	61.11 -0.64 0.00	36.29 -0.60 0.00	71.12 -1.00 0.00	112.99 -1.16 0.00	56.59 -0.42 0.00	44.54 -0.22 0.00	47.99 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	45.43 0.02 0.00	58.41 -0.13 0.00	42.07 -0.14 0.00	40.61 -0.20 0.00	36.43 -0.13 0.00	38.86 -0.22 0.00	52.58 -0.45 0.00	52.88 -0.17 0.00	44.80 -0.33 0.00	52.69 -0.30 0.00	67.27 -0.62 0.00	42.93 -0.58 0.00	59.77 -1.77 0.00	41.35 -1.31 0.00	52.47 -1.55 0.00	72.49 -1.72 0.00	84.76 -0.62 0.00	61.11 -0.64 0.00	36.30 -0.59 0.00	71.15 -0.97 0.00	113.07 -1.09 0.00	56.64 -0.37 0.00	44.59 -0.18 0.00	48.05 0.11 0.00
CHAUTAUQUA___LFGE 323629	23.06 -2.26 20.08	4.68 -2.53 51.33	3.42 -1.92 36.87	1.84 -1.77 37.20	11.26 -1.95 23.36	17.06 -2.19 19.83	-6.51 -2.26 57.28	23.63 -2.39 27.02	34.02 -2.75 8.36	45.70 -3.18 4.11	63.01 -3.89 0.99	24.10 -2.34 17.07	13.41 -3.88 44.26	8.51 -2.55 31.59	17.55 -3.40 33.08	12.19 -4.69 57.34	-7.23 -3.95 88.66	0.66 -1.73 59.36	22.39 -1.52 12.98	66.52 -2.84 2.76	102.83 -5.98 5.35	38.18 -3.14 15.70	29.68 -2.57 12.52	7.57 -2.12 38.24
CHERRYST_13_KV_LD 356241	47.77 2.37 0.00	61.34 2.81 0.00	44.17 1.95 0.00	42.68 1.87 0.00	38.29 1.73 0.00	41.02 1.95 0.00	55.95 2.91 0.00	56.39 3.34 0.00	48.52 3.39 0.00	61.87 4.14 -4.74	76.42 5.32 -3.20	59.70 3.50 -12.68	95.39 5.38 -28.47	79.87 3.91 -33.30	91.96 4.79 -33.14	132.13 6.18 -51.74	124.33 6.39 -32.55	84.54 5.21 -17.57	52.62 3.46 -12.26	78.20 6.07 0.00	122.68 8.52 0.00	61.00 3.99 0.00	47.97 3.20 0.00	51.01 3.07 0.00

CHESTROR_138KV_BK263 355645	46.77 1.36 0.00	60.11 1.57 0.00	43.32 1.10 0.00	41.85 1.04 0.00	37.52 0.96 0.00	40.18 1.11 0.00	54.74 1.70 0.00	55.04 2.00 0.00	47.17 2.05 0.00	49.58 2.44 5.85	66.89 3.09 4.09	90.36 2.07 -44.78	236.42 3.44 -171.45	245.78 2.55 -200.57	278.69 3.24 -221.42	427.02 4.10 -348.71	308.86 4.12 -219.35	183.78 3.60 -118.43	121.79 2.39 -82.51	76.18 4.06 0.00	119.71 5.56 0.00	59.57 2.56 0.00	46.76 2.00 0.00	49.81 1.86 0.00
CH_MIDHUDSON___DRP 24192	47.25 1.85 0.00	60.71 2.17 0.00	43.75 1.53 0.00	42.25 1.44 0.00	37.89 1.33 0.00	40.60 1.53 0.00	55.29 2.26 0.00	55.62 2.57 0.00	47.73 2.60 0.00	57.57 3.11 -1.47	73.43 4.00 -1.53	53.61 2.62 -7.48	84.06 4.08 -18.42	67.17 2.96 -21.55	74.14 3.49 -16.62	104.01 4.48 -25.32	105.84 4.53 -15.93	74.26 3.91 -8.60	45.51 2.61 -6.01	76.62 4.49 0.00	120.40 6.25 0.00	59.92 2.91 0.00	47.05 2.28 0.00	50.12 2.18 0.00
CH_MISC_IPPS 23765	47.73 2.33 0.00	61.36 2.82 0.00	44.17 1.95 0.00	42.66 1.85 0.00	38.25 1.69 0.00	41.00 1.93 0.00	55.88 2.85 0.00	56.23 3.19 0.00	48.29 3.16 0.00	58.18 3.78 -1.41	74.29 4.85 -1.55	54.04 3.11 -7.41	84.56 4.88 -18.13	67.39 3.52 -21.21	74.62 4.07 -16.52	104.63 5.23 -25.19	106.66 5.43 -15.84	74.92 4.61 -8.55	45.82 2.99 -5.94	77.30 5.18 0.00	121.51 7.35 0.00	60.44 3.42 0.00	47.43 2.66 0.00	50.51 2.57 0.00
CH_RES_BVR_FALLS 23983	45.26 -0.15 0.00	58.29 -0.25 0.00	42.05 -0.17 0.00	40.66 -0.15 0.00	36.44 -0.12 0.00	38.89 -0.18 0.00	52.76 -0.27 0.00	52.84 -0.20 0.00	44.93 -0.20 0.00	52.81 -0.18 0.00	67.64 -0.25 0.00	43.26 -0.25 0.00	60.97 -0.57 0.00	42.26 -0.40 0.00	53.63 -0.40 0.00	73.72 -0.49 0.00	85.11 -0.28 0.00	61.48 -0.27 0.00	36.62 -0.27 0.00	71.63 -0.50 0.00	113.55 -0.61 0.00	56.76 -0.25 0.00	44.63 -0.13 0.00	47.80 -0.14 0.00
CH_RES_NIAGARA 23895	28.07 -2.73 14.60	14.73 -2.65 41.15	10.49 -2.05 29.67	9.00 -1.67 30.13	17.24 -1.97 17.36	20.78 -2.22 16.07	3.31 -2.45 47.28	32.97 -3.03 17.04	34.57 -3.67 6.89	45.00 -4.60 3.39	61.28 -5.76 0.86	25.83 -3.27 14.41	19.57 -5.16 36.81	12.71 -3.58 26.37	21.58 -4.79 27.67	20.63 -6.03 47.55	7.60 -4.54 73.25	9.73 -2.96 49.06	23.15 -2.82 10.92	63.22 -6.55 2.36	97.90 -11.82 4.44	38.07 -6.15 12.80	30.44 -4.33 10.00	13.74 -3.44 30.76
CH_RES_SYRACUSE 23985	42.42 -0.25 2.73	50.49 -0.35 7.70	36.37 -0.29 5.55	34.91 -0.26 5.64	33.08 -0.23 3.25	35.84 -0.22 3.01	44.01 -0.25 8.79	49.59 -0.40 3.05	43.39 -0.50 1.24	51.86 -0.52 0.61	67.29 -0.61 0.00	41.85 -0.26 1.40	55.65 -0.12 5.77	38.84 -0.03 3.79	50.08 -0.12 3.83	65.69 -0.29 8.23	71.31 -0.23 13.85	52.69 0.04 9.10	35.71 0.06 1.24	72.14 0.16 0.14	113.10 -0.21 0.84	54.29 -0.29 2.43	42.80 -0.35 1.62	41.83 -0.34 5.77
CLINTON_WT_PWR 323605	45.40 0.00 0.00	58.40 -0.14 0.00	42.08 -0.14 0.00	40.62 -0.19 0.00	36.42 -0.14 0.00	38.86 -0.21 0.00	52.61 -0.42 0.00	52.87 -0.17 0.00	44.82 -0.31 0.00	52.71 -0.28 0.00	67.33 -0.56 0.00	43.00 -0.51 0.00	59.95 -1.60 0.00	41.46 -1.20 0.00	52.62 -1.41 0.00	72.73 -1.49 0.00	84.74 -0.65 0.00	61.11 -0.64 0.00	36.29 -0.60 0.00	71.12 -1.00 0.00	112.99 -1.16 0.00	56.59 -0.42 0.00	44.54 -0.22 0.00	47.99 0.04 0.00
CLINTON___LFGE 323618	46.06 0.66 0.00	59.22 0.68 0.00	42.67 0.46 0.00	41.16 0.35 0.00	36.90 0.34 0.00	39.41 0.33 0.00	53.36 0.32 0.00	53.57 0.53 0.00	45.25 0.13 0.00	53.20 0.21 0.00	67.87 -0.02 0.00	43.32 -0.19 0.00	60.37 -1.17 0.00	41.71 -0.95 0.00	53.12 -0.90 0.00	73.53 -0.69 0.00	85.81 0.43 0.00	62.19 0.44 0.00	36.96 0.07 0.00	72.35 0.23 0.00	114.67 0.51 0.00	57.33 0.32 0.00	45.18 0.41 0.00	48.70 0.76 0.00
COBBLENY_34_KV_TB1 80064	26.17 -1.54 17.69	7.34 -1.33 49.86	5.08 -1.19 35.95	3.39 -0.91 36.51	14.30 -1.23 21.03	18.18 -1.42 19.48	-5.47 -1.21 57.30	30.75 -1.62 20.68	34.70 -2.07 8.36	46.29 -2.59 4.12	64.01 -2.98 0.91	25.49 -1.63 16.39	14.91 -2.95 43.69	9.63 -2.03 31.00	19.07 -2.59 32.36	14.05 -3.23 56.93	-5.09 -1.85 88.63	1.51 -0.97 59.27	23.05 -1.28 12.56	66.35 -3.17 2.61	102.60 -6.20 5.35	38.26 -3.33 15.42	30.31 -2.61 11.86	8.78 -1.88 37.27
COFFEEN___115KV_TB3 355620	46.61 1.21 0.00	59.30 0.76 0.00	42.70 0.49 0.00	41.72 0.91 0.00	37.54 0.98 0.00	39.74 0.67 0.00	53.98 0.94 0.00	53.68 0.63 0.00	45.22 0.09 0.00	53.93 0.94 0.00	69.40 1.51 0.00	43.19 -0.32 0.00	61.95 0.40 0.00	43.68 1.02 0.00	56.33 2.30 0.00	74.96 0.75 0.00	86.48 1.09 0.00	64.18 2.43 0.00	37.56 0.67 0.00	75.40 3.28 0.00	119.86 5.70 0.00	60.02 3.01 0.00	47.21 2.44 0.00	49.71 1.77 0.00
COLDSPRG_115KV_BK1 355956	24.96 -1.24 19.21	3.40 -1.00 54.13	2.20 -0.98 39.04	0.40 -0.77 39.64	12.62 -1.11 22.83	16.71 -1.22 21.14	-10.07 -0.89 62.22	29.31 -1.28 22.46	34.29 -1.76 9.08	46.47 -2.05 4.47	64.95 -2.43 0.51	28.31 -1.33 13.87	15.14 -2.30 44.10	10.89 -1.56 30.21	21.02 -2.08 30.93	11.81 -3.03 59.37	-12.67 -2.21 95.85	-2.24 -0.28 63.72	25.03 -0.68 11.19	68.81 -1.36 1.95	104.86 -3.49 5.81	38.35 -1.92 16.74	31.15 -1.56 12.06	6.61 -0.87 40.47
COLONIE_LFGE___ 323577	46.49 1.08 0.00	60.18 1.65 0.00	43.50 1.28 0.00	41.95 1.15 0.00	37.59 1.03 0.00	40.26 1.18 0.00	155.98 1.47 -101.47	75.18 1.47 -20.66	75.25 1.43 -28.69	82.06 1.51 -27.55	88.39 1.86 -18.63	60.39 1.24 -15.64	85.64 1.79 -22.30	54.08 0.91 -10.51	62.82 1.15 -7.63	87.29 1.54 -11.55	93.97 1.32 -7.26	67.08 1.41 -3.92	40.70 1.05 -2.77	73.85 1.72 0.00	116.84 2.68 0.00	58.39 1.37 0.00	45.81 1.04 0.00	49.16 1.22 0.00
COOPERNY_115KV_TB1 80082	46.29 0.88 0.00	59.50 0.96 0.00	42.88 0.67 0.00	41.43 0.63 0.00	37.14 0.58 0.00	39.76 0.69 0.00	54.11 1.07 0.00	54.35 1.31 0.00	46.55 1.42 0.00	52.09 1.71 2.61	67.87 2.18 2.21	32.38 1.49 12.63	31.19 2.51 32.86	6.11 1.90 38.45	30.29 2.34 26.08	38.03 2.94 39.12	63.69 2.92 24.61	51.08 2.61 13.29	29.24 1.75 9.40	75.09 2.97 0.00	118.16 4.00 0.00	58.84 1.82 0.00	46.18 1.41 0.00	49.24 1.30 0.00
COPENHAGEN_WT_PWR 323753	45.83 0.43 0.00	58.23 -0.31 0.00	41.92 -0.29 0.00	41.04 0.23 0.00	36.97 0.41 0.00	38.98 -0.10 0.00	52.94 -0.10 0.00	52.78 -0.26 0.00	44.58 -0.55 0.00	53.18 0.19 0.00	68.35 0.46 0.00	42.40 -1.12 0.00	60.74 -0.81 0.00	42.83 0.17 0.00	55.51 1.48 0.00	74.07 -0.14 0.00	85.58 0.20 0.00	63.16 1.41 0.00	36.81 -0.08 0.00	73.81 1.68 0.00	117.50 3.34 0.00	58.94 1.93 0.00	46.48 1.72 0.00	48.89 0.95 0.00
CORNELL_____ 23752	40.90 0.33 4.83	45.30 0.39 13.62	32.57 0.17 9.82	30.98 0.15 9.98	30.93 0.12 5.75	33.96 0.20 5.32	37.98 0.49 15.54	47.84 0.33 5.53	42.98 0.04 2.19	51.89 -0.02 1.08	68.15 -0.05 -0.30	43.71 0.22 0.02	54.17 0.73 8.10	38.20 0.80 5.26	47.06 0.59 7.56	53.35 0.74 21.60	46.91 0.87 39.34	36.79 0.89 25.86	35.94 0.57 1.53	73.95 1.51 -0.31	113.61 1.87 2.41	50.81 0.75 6.95	41.25 0.44 3.96	31.22 0.51 17.23

CORONA__69_KV_TB1 355595	47.98 2.57 0.00	61.44 2.90 0.00	44.31 2.09 0.00	42.78 1.97 0.00	38.32 1.76 0.00	41.04 1.97 0.00	55.92 2.89 0.00	56.22 3.17 0.00	48.61 3.48 0.00	61.56 3.87 -4.69	76.23 5.15 -3.19	59.60 3.45 -12.64	94.78 4.86 -28.37	79.47 3.63 -33.19	91.83 4.79 -33.01	131.61 5.86 -51.53	123.53 5.72 -32.41	84.17 4.91 -17.50	52.47 3.37 -12.21	78.03 5.90 0.00	122.67 8.52 0.00	61.07 4.05 0.00	47.90 3.13 0.00	51.08 3.14 0.00
CORTLAND__115KV_TB3 80093	45.57 0.16 0.00	58.73 0.19 0.00	42.28 0.07 0.00	40.87 0.07 0.00	36.62 0.06 0.00	39.18 0.11 0.00	53.33 0.30 0.00	53.23 0.18 0.00	45.09 -0.04 0.00	52.94 -0.05 0.00	67.93 0.04 0.00	43.66 0.15 0.00	62.06 0.52 0.00	43.21 0.56 0.00	54.53 0.50 0.00	74.95 0.73 0.00	86.02 0.63 0.00	62.65 0.90 0.00	37.40 0.51 0.00	73.28 1.15 0.00	115.51 1.36 0.00	57.53 0.52 0.00	45.09 0.33 0.00	48.28 0.34 0.00
COXSACKIE__GT 23611	47.29 1.89 0.00	61.02 2.48 0.00	44.08 1.87 0.00	42.54 1.73 0.00	38.10 1.54 0.00	40.68 1.61 0.00	21.93 2.04 33.14	48.32 2.03 6.75	38.05 2.26 9.34	47.61 2.60 7.98	65.55 2.91 5.25	44.82 1.48 0.17	69.69 2.40 -5.75	55.65 1.18 -11.82	63.09 1.70 -7.36	88.73 3.60 -10.91	96.46 4.21 -6.87	68.42 2.96 -3.70	41.46 1.96 -2.62	75.46 3.34 0.00	119.31 5.15 0.00	59.49 2.48 0.00	46.68 1.91 0.00	50.02 2.08 0.00
CPV_VALLEY__CC1 323721	46.42 1.01 0.00	59.72 1.19 0.00	43.01 0.80 0.00	41.58 0.77 0.00	37.28 0.72 0.00	39.93 0.86 0.00	54.35 1.32 0.00	54.61 1.57 0.00	46.78 1.65 0.00	51.14 1.98 3.83	67.15 2.53 3.27	28.70 1.74 16.55	23.12 2.92 41.35	-3.53 2.18 48.37	28.01 2.73 28.75	35.28 3.41 42.34	62.16 3.41 26.63	50.37 3.00 14.38	28.67 2.01 10.23	75.45 3.32 0.00	118.62 4.46 0.00	59.04 2.03 0.00	46.36 1.59 0.00	49.41 1.47 0.00
CPV_VALLEY__CC2 323722	46.42 1.01 0.00	59.72 1.19 0.00	43.01 0.80 0.00	41.58 0.77 0.00	37.28 0.72 0.00	39.93 0.86 0.00	54.35 1.32 0.00	54.61 1.57 0.00	46.78 1.65 0.00	51.14 1.98 3.83	67.15 2.53 3.27	28.70 1.74 16.55	23.12 2.92 41.35	-3.53 2.18 48.37	28.01 2.73 28.75	35.28 3.41 42.34	62.16 3.41 26.63	50.37 3.00 14.38	28.67 2.01 10.23	75.45 3.32 0.00	118.62 4.46 0.00	59.04 2.03 0.00	46.36 1.59 0.00	49.41 1.47 0.00
CRESCENT__HYD 24018	46.49 1.08 0.00	60.18 1.65 0.00	43.50 1.28 0.00	41.95 1.15 0.00	37.59 1.03 0.00	40.26 1.18 0.00	155.98 1.47 -101.47	75.18 1.47 -20.66	75.25 1.43 -28.69	82.06 1.51 -27.55	88.39 1.86 -18.63	60.39 1.24 -15.64	85.64 1.79 -22.30	54.08 0.91 -10.51	62.82 1.15 -7.63	87.29 1.54 -11.55	93.97 1.32 -7.26	67.08 1.41 -3.92	40.70 1.05 -2.77	73.85 1.72 0.00	116.84 2.68 0.00	58.39 1.37 0.00	45.81 1.04 0.00	49.16 1.22 0.00
CRICKET__VALLEY_CC1 323756	46.55 1.15 0.00	59.86 1.32 0.00	43.12 0.91 0.00	41.65 0.84 0.00	37.36 0.80 0.00	40.05 0.97 0.00	54.45 1.41 0.00	54.77 1.72 0.00	47.00 1.87 0.00	57.13 2.24 -1.90	72.82 2.85 -2.08	54.21 1.97 -8.73	84.79 3.09 -20.16	68.47 2.23 -23.58	56.17 2.60 0.46	110.48 3.28 -32.99	109.37 3.23 -20.75	75.92 2.97 -11.21	46.79 2.06 -7.84	75.47 3.35 0.00	118.70 4.54 0.00	59.05 2.04 0.00	46.43 1.66 0.00	49.54 1.60 0.00
CRICKET__VALLEY_CC2 323757	46.55 1.15 0.00	59.86 1.32 0.00	43.12 0.91 0.00	41.65 0.84 0.00	37.36 0.80 0.00	40.05 0.97 0.00	54.45 1.41 0.00	54.77 1.72 0.00	47.00 1.87 0.00	57.13 2.24 -1.90	72.82 2.85 -2.08	54.21 1.97 -8.73	84.79 3.09 -20.16	68.47 2.23 -23.58	56.17 2.60 0.46	110.48 3.28 -32.99	109.37 3.23 -20.75	75.92 2.97 -11.21	46.79 2.06 -7.84	75.47 3.35 0.00	118.70 4.54 0.00	59.05 2.04 0.00	46.43 1.66 0.00	49.54 1.60 0.00
CRICKET__VALLEY_CC3 323758	46.55 1.15 0.00	59.86 1.32 0.00	43.12 0.91 0.00	41.65 0.84 0.00	37.36 0.80 0.00	40.05 0.97 0.00	54.45 1.41 0.00	54.77 1.72 0.00	47.00 1.87 0.00	57.13 2.24 -1.90	72.82 2.85 -2.08	54.21 1.97 -8.73	84.79 3.09 -20.16	68.47 2.23 -23.58	56.17 2.60 0.46	110.48 3.28 -32.99	109.37 3.23 -20.75	75.92 2.97 -11.21	46.79 2.06 -7.84	75.47 3.35 0.00	118.70 4.54 0.00	59.05 2.04 0.00	46.43 1.66 0.00	49.54 1.60 0.00
CRUCIBLE__METL_DRP 24180	42.44 -0.24 2.73	50.52 -0.32 7.70	36.40 -0.26 5.55	34.93 -0.24 5.64	33.08 -0.23 3.25	35.86 -0.20 3.01	44.03 -0.22 8.79	49.60 -0.39 3.05	43.40 -0.49 1.24	51.85 -0.53 0.61	67.29 -0.60 0.00	41.86 -0.25 1.40	55.68 -0.10 5.77	38.86 -0.01 3.79	50.09 -0.11 3.83	65.75 -0.23 8.23	71.38 -0.16 13.85	52.75 0.10 9.10	35.72 0.07 1.24	72.14 0.16 0.14	113.14 -0.17 0.84	54.30 -0.29 2.43	42.81 -0.34 1.62	41.85 -0.32 5.77
DAHOWA__HYDRO 323763	47.34 1.93 0.00	61.07 2.54 0.00	44.11 1.90 0.00	42.54 1.73 0.00	38.13 1.57 0.00	40.89 1.82 0.00	109.90 2.42 -54.45	66.50 2.37 -11.09	62.69 2.16 -15.41	69.74 2.34 -14.41	81.06 2.90 -10.27	55.14 1.82 -9.81	79.47 2.34 -15.59	53.90 1.36 -9.88	62.94 1.81 -7.10	87.67 2.73 -10.72	95.12 2.99 -6.74	68.02 2.63 -3.64	41.36 1.90 -2.57	75.67 3.54 0.00	119.63 5.48 0.00	59.74 2.73 0.00	46.81 2.04 0.00	50.24 2.30 0.00
DANC__LFGE 323619	45.37 -0.03 0.00	57.98 -0.56 0.00	41.75 -0.46 0.00	40.69 -0.12 0.00	36.56 0.00 0.00	38.76 -0.31 0.00	52.66 -0.38 0.00	52.47 -0.58 0.00	44.37 -0.76 0.00	52.63 -0.36 0.00	67.62 -0.28 0.00	42.49 -1.02 0.00	60.64 -0.91 0.00	42.53 -0.12 0.00	54.58 0.55 0.00	73.50 -0.71 0.00	84.75 -0.64 0.00	62.24 0.49 0.00	36.63 -0.27 0.00	72.76 0.64 0.00	115.46 1.31 0.00	57.82 0.81 0.00	45.48 0.72 0.00	48.18 0.24 0.00
DANSKAMMER__1 23586	47.73 2.33 0.00	61.36 2.82 0.00	44.17 1.95 0.00	42.66 1.85 0.00	38.25 1.69 0.00	41.00 1.93 0.00	55.88 2.85 0.00	56.23 3.19 0.00	48.29 3.16 0.00	58.18 3.78 -1.41	74.29 4.85 -1.55	54.04 3.11 -7.41	84.56 4.88 -18.13	67.39 3.52 -21.21	74.62 4.07 -16.52	104.63 5.23 -25.19	106.66 5.43 -15.84	74.92 4.61 -8.55	45.82 2.99 -5.94	77.30 5.18 0.00	121.51 7.35 0.00	60.44 3.42 0.00	47.43 2.66 0.00	50.51 2.57 0.00
DANSKAMMER__2 23589	47.73 2.33 0.00	61.36 2.82 0.00	44.17 1.95 0.00	42.66 1.85 0.00	38.25 1.69 0.00	41.00 1.93 0.00	55.88 2.85 0.00	56.23 3.19 0.00	48.29 3.16 0.00	58.18 3.78 -1.41	74.29 4.85 -1.55	54.04 3.11 -7.41	84.56 4.88 -18.13	67.39 3.52 -21.21	74.62 4.07 -16.52	104.63 5.23 -25.19	106.66 5.43 -15.84	74.92 4.61 -8.55	45.82 2.99 -5.94	77.30 5.18 0.00	121.51 7.35 0.00	60.44 3.42 0.00	47.43 2.66 0.00	50.51 2.57 0.00
DANSKAMMER__3 23590	47.73 2.33 0.00	61.36 2.82 0.00	44.17 1.95 0.00	42.66 1.85 0.00	38.25 1.69 0.00	41.00 1.93 0.00	55.88 2.85 0.00	56.23 3.19 0.00	48.29 3.16 0.00	58.18 3.78 -1.41	74.29 4.85 -1.55	54.04 3.11 -7.41	84.56 4.88 -18.13	67.39 3.52 -21.21	74.62 4.07 -16.52	104.63 5.23 -25.19	106.66 5.43 -15.84	74.92 4.61 -8.55	45.82 2.99 -5.94	77.30 5.18 0.00	121.51 7.35 0.00	60.44 3.42 0.00	47.43 2.66 0.00	50.51 2.57 0.00

DANSKAMMER___4 23591	47.73 2.33 0.00	61.36 2.82 0.00	44.17 1.95 0.00	42.66 1.85 0.00	38.25 1.69 0.00	41.00 1.93 0.00	55.88 2.85 0.00	56.23 3.19 0.00	48.29 3.16 0.00	58.18 3.78 -1.41	74.29 4.85 -1.55	54.04 3.11 -7.41	84.56 4.88 -18.13	67.39 3.52 -21.21	74.62 4.07 -16.52	104.63 5.23 -25.19	106.66 5.43 -15.84	74.92 4.61 -8.55	45.82 2.99 -5.94	77.30 5.18 0.00	121.51 7.35 0.00	60.44 3.42 0.00	47.43 2.66 0.00	50.51 2.57 0.00
DANSKAMMER___DIESEL 23592	47.73 2.32 0.00	61.31 2.77 0.00	44.15 1.94 0.00	42.63 1.82 0.00	38.22 1.66 0.00	40.98 1.91 0.00	55.84 2.81 0.00	56.21 3.16 0.00	48.28 3.15 0.00	58.18 3.78 -1.41	74.29 4.85 -1.55	54.03 3.11 -7.41	84.55 4.87 -18.13	67.39 3.52 -21.21	74.61 4.06 -16.52	104.64 5.23 -25.19	106.60 5.37 -15.84	74.86 4.55 -8.55	45.81 2.98 -5.94	77.31 5.18 0.00	121.50 7.35 0.00	60.43 3.41 0.00	47.43 2.66 0.00	50.48 2.54 0.00
DARBY___SOLAR 323810	47.11 1.71 0.00	60.82 2.28 0.00	43.94 1.73 0.00	42.36 1.55 0.00	37.97 1.41 0.00	40.70 1.63 0.00	115.78 2.15 -60.60	67.47 2.09 -12.34	64.17 1.90 -17.15	71.11 2.08 -16.04	81.79 2.54 -11.36	55.66 1.58 -10.57	80.12 2.10 -16.47	53.77 1.15 -9.96	62.76 1.55 -7.17	87.42 2.36 -10.84	94.71 2.50 -6.82	67.68 2.24 -3.68	41.15 1.66 -2.60	75.19 3.06 0.00	118.86 4.70 0.00	59.38 2.37 0.00	46.55 1.78 0.00	49.96 2.02 0.00
DASHVILLE___HYD 23610	46.84 1.44 0.00	60.21 1.67 0.00	43.35 1.14 0.00	41.86 1.06 0.00	37.56 1.00 0.00	40.26 1.19 0.00	46.23 1.90 8.70	53.59 2.32 1.77	45.06 2.39 2.45	54.28 2.87 1.57	70.43 3.67 1.14	48.90 2.33 -3.06	76.37 3.85 -10.98	59.55 2.71 -14.18	58.15 3.03 -1.09	78.13 3.92 0.00	89.30 3.91 0.00	65.20 3.45 0.00	39.28 2.30 -0.10	75.99 3.86 0.00	119.48 5.32 0.00	59.46 2.45 0.00	46.65 1.88 0.00	49.60 1.66 0.00
DELAWARE___LFGE 323621	54.86 0.75 -8.70	83.98 0.93 -24.52	60.51 0.62 -17.68	59.33 0.57 -17.95	47.43 0.53 -10.34	49.28 0.63 -9.58	80.57 1.01 -26.52	60.82 1.23 -6.55	49.10 1.17 -2.81	55.66 1.28 -1.38	69.05 1.53 0.37	46.88 0.99 -2.38	76.35 1.68 -13.12	49.82 1.25 -5.91	67.17 1.54 -11.60	102.17 2.00 -25.96	130.94 1.89 -43.67	90.85 1.84 -27.26	42.02 1.23 -3.91	74.79 2.21 -0.46	119.57 2.75 -2.66	65.89 1.22 -7.66	50.81 0.93 -5.12	63.71 0.88 -14.89
DERFIELD_115KV_TB7 355931	45.49 0.08 0.00	58.65 0.11 0.00	42.30 0.08 0.00	40.89 0.08 0.00	36.64 0.07 0.00	39.16 0.08 0.00	53.14 0.11 0.00	53.14 0.09 0.00	45.23 0.10 0.00	53.08 0.09 0.00	68.01 0.12 0.00	43.57 0.06 0.00	61.72 0.18 0.00	42.79 0.13 0.00	54.24 0.22 0.00	74.56 0.34 0.00	85.59 0.21 0.00	62.09 0.34 0.00	37.14 0.25 0.00	72.55 0.43 0.00	114.63 0.47 0.00	57.23 0.22 0.00	44.92 0.16 0.00	48.07 0.13 0.00
DOGLEVILLE___HYD 23807	46.11 0.70 0.00	59.50 0.97 0.00	42.90 0.69 0.00	41.35 0.54 0.00	37.10 0.54 0.00	39.80 0.73 0.00	53.74 0.70 0.00	53.49 0.44 0.00	46.13 1.00 0.00	53.51 0.52 0.00	68.12 0.22 0.00	43.41 -0.10 0.00	61.40 -0.15 0.00	42.48 -0.18 0.00	54.56 0.54 0.00	76.33 2.12 0.00	85.31 -0.08 0.00	62.90 1.15 0.00	38.13 1.24 0.00	74.36 2.23 0.00	117.48 3.33 0.00	58.62 1.61 0.00	45.94 1.17 0.00	48.99 1.04 0.00
DUNKIRK___115KV_TB_200 55889	25.66 -2.12 17.63	6.71 -2.14 49.69	4.69 -1.70 35.83	2.91 -1.52 36.38	13.82 -1.78 20.96	17.68 -1.99 19.41	-5.94 -1.88 57.09	30.26 -2.19 20.60	34.17 -2.62 8.33	45.78 -3.11 4.10	63.08 -3.80 1.01	24.10 -2.22 17.19	13.71 -3.57 44.26	8.70 -2.31 31.65	17.69 -3.17 33.16	12.75 -4.21 57.26	-6.25 -3.25 88.39	1.22 -1.33 59.20	22.40 -1.44 13.05	66.45 -2.88 2.80	102.91 -5.91 5.34	38.50 -3.14 15.37	30.23 -2.53 12.00	8.86 -1.93 37.14
DUNKIRK___1 23563	25.66 -2.12 17.63	6.71 -2.14 49.69	4.69 -1.70 35.83	2.91 -1.52 36.38	13.82 -1.78 20.96	17.68 -1.99 19.41	-5.94 -1.88 57.09	30.26 -2.19 20.60	34.17 -2.62 8.33	45.78 -3.11 4.10	63.08 -3.80 1.01	24.10 -2.22 17.19	13.71 -3.57 44.26	8.70 -2.31 31.65	17.69 -3.17 33.16	12.75 -4.21 57.26	-6.25 -3.25 88.39	1.22 -1.33 59.20	22.40 -1.44 13.05	66.45 -2.88 2.80	102.91 -5.91 5.34	38.50 -3.14 15.37	30.23 -2.53 12.00	8.86 -1.93 37.14
DUNKIRK___2 23564	25.66 -2.12 17.63	6.71 -2.14 49.69	4.69 -1.70 35.83	2.91 -1.52 36.38	13.82 -1.78 20.96	17.68 -1.99 19.41	-5.94 -1.88 57.09	30.26 -2.19 20.60	34.17 -2.62 8.33	45.78 -3.11 4.10	63.08 -3.80 1.01	24.10 -2.22 17.19	13.71 -3.57 44.26	8.70 -2.31 31.65	17.69 -3.17 33.16	12.75 -4.21 57.26	-6.25 -3.25 88.39	1.22 -1.33 59.20	22.40 -1.44 13.05	66.45 -2.88 2.80	102.91 -5.91 5.34	38.50 -3.14 15.37	30.23 -2.53 12.00	8.86 -1.93 37.14
DUNKIRK___3 23565	25.90 -2.01 17.50	7.26 -1.97 49.31	5.06 -1.60 35.56	3.30 -1.40 36.11	14.11 -1.66 20.80	17.96 -1.86 19.26	-5.39 -1.76 56.67	30.50 -2.10 20.45	34.34 -2.52 8.27	45.87 -3.05 4.07	63.08 -3.72 1.09	23.57 -2.14 17.81	13.52 -3.46 44.56	8.35 -2.25 32.06	17.26 -3.06 33.71	12.94 -3.98 57.29	-5.42 -3.00 87.81	1.48 -1.40 58.88	22.00 -1.48 13.42	66.01 -3.17 2.94	102.56 -6.30 5.30	38.41 -3.34 15.26	30.05 -2.64 12.07	9.07 -2.00 36.87
DUNKIRK___4 23566	25.90 -2.01 17.50	7.26 -1.97 49.31	5.06 -1.60 35.56	3.30 -1.40 36.11	14.11 -1.66 20.80	17.96 -1.86 19.26	-5.39 -1.76 56.67	30.50 -2.10 20.45	34.34 -2.52 8.27	45.87 -3.05 4.07	63.08 -3.72 1.09	23.57 -2.14 17.81	13.52 -3.46 44.56	8.35 -2.25 32.06	17.26 -3.06 33.71	12.94 -3.98 57.29	-5.42 -3.00 87.81	1.48 -1.40 58.88	22.00 -1.48 13.42	66.01 -3.17 2.94	102.56 -6.30 5.30	38.41 -3.34 15.26	30.05 -2.64 12.07	9.07 -2.00 36.87
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.40 2.00 0.00	60.87 2.34 0.00	43.85 1.63 0.00	42.35 1.54 0.00	37.99 1.42 0.00	40.70 1.62 0.00	55.47 2.43 0.00	55.83 2.79 0.00	47.98 2.85 0.00	61.16 3.44 -4.73	75.51 4.42 -3.20	59.12 2.93 -12.68	94.53 4.53 -28.45	79.24 3.30 -33.28	91.24 4.09 -33.12	131.17 5.24 -51.71	123.22 5.31 -32.53	83.77 4.46 -17.56	52.13 2.99 -12.26	77.33 5.21 0.00	121.40 7.25 0.00	60.39 3.37 0.00	47.47 2.70 0.00	50.52 2.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.79 2.38 0.00	61.37 2.84 0.00	44.19 1.98 0.00	42.67 1.86 0.00	38.26 1.70 0.00	41.01 1.94 0.00	55.91 2.88 0.00	56.27 3.22 0.00	48.34 3.21 0.00	58.05 3.84 -1.22	74.06 4.92 -1.25	53.08 3.09 -6.49	82.83 4.92 -16.36	65.34 3.54 -19.14	71.41 3.74 -13.64	99.46 4.68 -20.58	103.04 4.71 -12.94	72.81 4.08 -6.99	44.31 2.68 -4.74	76.73 4.60 0.00	120.59 6.44 0.00	59.99 2.98 0.00	47.08 2.31 0.00	50.11 2.17 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.47 2.06 0.00	61.00 2.47 0.00	43.99 1.78 0.00	42.51 1.71 0.00	38.16 1.60 0.00	40.86 1.79 0.00	55.70 2.67 0.00	56.15 3.11 0.00	48.16 3.03 0.00	61.37 3.64 -4.74	75.69 4.59 -3.20	59.31 3.12 -12.68	94.68 4.67 -28.46	79.45 3.49 -33.29	91.40 4.24 -33.14	131.44 5.49 -51.73	123.55 5.62 -32.54	84.05 4.73 -17.57	52.29 3.13 -12.26	77.57 5.44 0.00	121.77 7.61 0.00	60.64 3.63 0.00	47.69 2.92 0.00	50.68 2.74 0.00

E179THST_13_KV_LOAD 356214	47.74 2.34 0.00	61.35 2.82 0.00	44.23 2.02 0.00	42.73 1.93 0.00	38.36 1.80 0.00	41.08 2.01 0.00	56.01 2.98 0.00	56.47 3.43 0.00	48.44 3.31 0.00	61.70 3.97 -4.74	76.10 5.00 -3.20	59.58 3.38 -12.68	95.09 5.08 -28.46	79.74 3.78 -33.29	91.76 4.60 -33.14	131.94 5.99 -51.73	124.12 6.19 -32.54	84.47 5.14 -17.57	52.53 3.37 -12.26	78.04 5.91 0.00	122.52 8.37 0.00	61.01 4.00 0.00	47.97 3.20 0.00	50.98 3.04 0.00
EAST HAMPTON___GT 23717	49.23 3.83 0.00	62.01 3.48 0.00	44.53 2.31 0.00	43.17 2.36 0.00	38.65 2.09 0.00	40.95 1.88 0.00	55.72 2.68 0.00	56.08 3.03 0.00	48.26 3.13 0.00	60.94 3.25 -4.69	75.44 4.35 -3.19	59.54 3.39 -12.64	94.31 4.39 -28.37	79.15 3.31 -33.19	91.52 4.48 -33.01	131.16 5.41 -51.53	122.80 4.99 -32.41	83.90 4.64 -17.50	52.51 3.41 -12.21	78.77 6.64 0.00	123.28 9.12 0.00	61.36 4.34 0.00	48.12 3.35 0.00	51.04 3.09 0.00
EAST RIVER___6 23660	47.73 2.33 0.00	61.35 2.82 0.00	44.12 1.91 0.00	42.66 1.85 0.00	38.26 1.71 0.00	40.99 1.92 0.00	55.87 2.83 0.00	56.30 3.26 0.00	48.46 3.33 0.00	61.79 4.06 -4.74	76.32 5.23 -3.20	59.64 3.45 -12.68	95.33 5.32 -28.47	79.82 3.87 -33.30	91.90 4.73 -33.14	132.05 6.10 -51.74	124.31 6.37 -32.55	84.55 5.23 -17.57	52.59 3.43 -12.26	78.12 5.99 0.00	122.55 8.40 0.00	60.95 3.94 0.00	47.97 3.20 0.00	51.02 3.08 0.00
EAST RIVER___7 23524	47.73 2.33 0.00	61.35 2.82 0.00	44.12 1.91 0.00	42.66 1.85 0.00	38.26 1.71 0.00	40.99 1.92 0.00	55.87 2.83 0.00	56.30 3.26 0.00	48.46 3.33 0.00	61.79 4.06 -4.74	76.32 5.23 -3.20	59.64 3.45 -12.68	95.33 5.32 -28.47	79.82 3.87 -33.30	91.90 4.73 -33.14	132.05 6.10 -51.74	124.31 6.37 -32.55	84.55 5.23 -17.57	52.59 3.43 -12.26	78.12 5.99 0.00	122.55 8.40 0.00	60.95 3.94 0.00	47.97 3.20 0.00	51.02 3.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.30 1.90 0.00	60.76 2.22 0.00	43.77 1.56 0.00	42.29 1.48 0.00	37.92 1.36 0.00	40.62 1.54 0.00	55.37 2.34 0.00	55.72 2.68 0.00	47.87 2.74 0.00	61.36 3.30 -5.07	75.44 4.26 -3.29	59.34 2.81 -13.01	95.13 4.39 -29.20	80.02 3.21 -34.15	92.12 3.97 -34.13	132.61 5.09 -53.30	124.06 5.14 -33.53	84.19 4.34 -18.11	52.42 2.90 -12.63	77.15 5.02 0.00	121.16 7.01 0.00	60.27 3.25 0.00	47.35 2.58 0.00	50.41 2.47 0.00
EAST_HAMPTON___DIESEL 23722	49.23 3.83 0.00	61.96 3.42 0.00	44.50 2.28 0.00	43.15 2.34 0.00	38.63 2.07 0.00	40.91 1.84 0.00	55.66 2.63 0.00	56.03 2.99 0.00	48.20 3.07 0.00	60.84 3.16 -4.69	75.32 4.24 -3.19	59.46 3.31 -12.64	94.21 4.30 -28.37	79.08 3.24 -33.19	91.44 4.40 -33.01	131.04 5.29 -51.53	122.67 4.87 -32.41	83.81 4.55 -17.50	52.45 3.35 -12.21	78.65 6.52 0.00	123.15 8.99 0.00	61.28 4.27 0.00	48.05 3.28 0.00	50.95 3.01 0.00
EAST_POINT___SOLAR 323840	47.75 2.34 0.00	61.42 2.89 0.00	44.20 1.98 0.00	42.74 1.93 0.00	38.30 1.74 0.00	40.98 1.91 0.00	63.01 2.47 -7.51	56.51 1.94 -1.53	49.58 2.30 -2.14	56.31 1.32 -2.00	70.63 0.94 -1.79	47.11 0.25 -3.35	68.53 -0.26 -7.24	50.09 0.10 -7.32	56.50 1.91 -0.56	78.78 4.57 0.00	89.32 3.93 0.00	64.99 3.24 0.00	38.98 2.02 -0.07	76.46 4.33 0.00	121.28 7.12 0.00	60.59 3.57 0.00	47.45 2.68 0.00	50.57 2.63 0.00
EAST_PULASKI___ESR 323781	44.95 -0.46 0.00	57.74 -0.79 0.00	41.60 -0.62 0.00	40.38 -0.43 0.00	36.18 -0.38 0.00	38.58 -0.50 0.00	52.43 -0.61 0.00	52.19 -0.86 0.00	44.18 -0.95 0.00	52.12 -0.87 0.00	66.99 -0.90 0.00	42.61 -0.90 0.00	60.58 -0.97 0.00	42.27 -0.39 0.00	53.73 -0.30 0.00	73.01 -1.20 0.00	84.08 -1.31 0.00	61.46 -0.29 0.00	36.52 -0.37 0.00	71.88 -0.25 0.00	113.64 -0.52 0.00	56.77 -0.24 0.00	44.54 -0.23 0.00	47.49 -0.45 0.00
EAST_RIVER___1 323558	47.64 2.24 0.00	61.25 2.71 0.00	44.06 1.84 0.00	42.58 1.77 0.00	38.20 1.64 0.00	40.93 1.86 0.00	55.81 2.78 0.00	56.21 3.16 0.00	48.35 3.22 0.00	61.64 3.91 -4.74	76.11 5.01 -3.20	59.50 3.30 -12.68	95.10 5.09 -28.47	79.67 3.71 -33.30	91.71 4.54 -33.14	131.76 5.81 -51.74	124.02 6.09 -32.55	84.33 5.01 -17.57	52.47 3.32 -12.26	77.92 5.79 0.00	122.24 8.09 0.00	60.81 3.79 0.00	47.84 3.07 0.00	50.90 2.96 0.00
EAST_RIVER___2 323559	47.73 2.33 0.00	61.35 2.82 0.00	44.12 1.91 0.00	42.66 1.85 0.00	38.26 1.71 0.00	40.99 1.92 0.00	55.87 2.83 0.00	56.30 3.26 0.00	48.46 3.33 0.00	61.79 4.06 -4.74	76.32 5.23 -3.20	59.64 3.45 -12.68	95.33 5.32 -28.47	79.82 3.87 -33.30	91.90 4.73 -33.14	132.05 6.10 -51.74	124.31 6.37 -32.55	84.55 5.23 -17.57	52.59 3.43 -12.26	78.12 5.99 0.00	122.55 8.40 0.00	60.95 3.94 0.00	47.97 3.20 0.00	51.02 3.08 0.00
EAST___DELAWARE_HYD 23607	46.16 0.75 0.00	59.24 0.70 0.00	42.62 0.40 0.00	41.17 0.36 0.00	36.91 0.35 0.00	39.60 0.53 0.00	50.56 0.93 3.41	53.69 1.34 0.69	45.79 1.63 0.96	54.05 1.96 0.90	69.69 2.40 0.60	44.62 1.52 0.41	63.95 2.86 0.45	44.80 2.14 0.00	56.43 2.40 0.00	77.04 2.82 0.00	88.12 2.73 0.00	64.39 2.64 0.00	38.57 1.76 0.08	75.08 2.96 0.00	118.03 3.87 0.00	58.70 1.69 0.00	45.99 1.23 0.00	48.92 0.98 0.00
EIGHT_POINT___WT_PWR 323820	18.30 -1.93 25.17	-15.02 -2.64 70.92	-11.74 -2.82 51.14	-13.56 -2.44 51.93	4.50 -2.15 29.91	9.05 -2.32 27.70	-30.52 -2.04 81.51	21.61 -1.98 29.45	31.41 -1.81 11.91	44.80 -2.33 5.86	68.46 -3.14 -3.71	59.11 -2.99 -18.58	29.68 -4.75 27.11	32.11 -2.70 7.85	48.04 -4.26 1.73	13.09 -6.01 55.11	-40.82 -4.52 121.68	-19.31 -3.69 77.36	42.58 -2.28 -7.97	72.87 -4.85 -5.59	99.38 -7.20 7.57	31.98 -3.22 21.82	34.23 -2.42 8.13	-7.29 -2.47 52.76
ELBRIDGE_115KV_TB2 80188	41.68 -0.50 3.23	48.78 -0.65 9.10	35.15 -0.51 6.56	33.69 -0.46 6.66	32.30 -0.43 3.84	35.10 -0.42 3.55	42.11 -0.54 10.39	48.70 -0.71 3.63	42.90 -0.76 1.47	51.39 -0.88 0.72	66.86 -1.04 0.00	41.31 -0.54 1.66	54.17 -0.56 6.82	37.88 -0.30 4.48	48.97 -0.54 4.52	63.70 -0.81 9.71	68.34 -0.72 16.33	50.58 -0.42 10.75	35.22 -0.21 1.46	71.57 -0.39 0.17	112.10 -1.06 0.99	53.41 -0.74 2.87	42.17 -0.69 1.91	40.49 -0.62 6.83
ELEC_TRO_TEK 24086	47.73 2.32 0.00	61.11 2.57 0.00	44.08 1.87 0.00	42.57 1.76 0.00	38.14 1.58 0.00	40.83 1.76 0.00	55.62 2.58 0.00	55.95 2.90 0.00	48.35 3.22 0.00	61.21 3.52 -4.69	75.76 4.68 -3.19	59.31 3.16 -12.64	94.39 4.48 -28.37	79.21 3.36 -33.19	91.44 4.40 -33.01	131.06 5.32 -51.53	122.93 5.13 -32.41	83.75 4.50 -17.50	52.19 3.09 -12.21	77.51 5.39 0.00	121.86 7.70 0.00	60.68 3.67 0.00	47.67 2.90 0.00	50.80 2.85 0.00
ELLENBURG_WT_PWR 323604	45.40 0.00 0.00	58.40 -0.14 0.00	42.08 -0.14 0.00	40.62 -0.19 0.00	36.42 -0.14 0.00	38.86 -0.21 0.00	52.61 -0.42 0.00	52.87 -0.17 0.00	44.82 -0.31 0.00	52.71 -0.28 0.00	67.33 -0.56 0.00	43.00 -0.51 0.00	59.95 -1.60 0.00	41.46 -1.20 0.00	52.62 -1.41 0.00	72.73 -1.49 0.00	84.74 -0.65 0.00	61.11 -0.64 0.00	36.29 -0.60 0.00	71.12 -1.00 0.00	112.99 -1.16 0.00	56.59 -0.42 0.00	44.54 -0.22 0.00	47.99 0.04 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.28 -1.94 16.18	11.19 -1.74 45.60	7.87 -1.46 32.88	6.26 -1.16 33.39	15.86 -1.47 19.24	19.58 -1.68 17.81	-0.96 -1.60 52.40	32.11 -2.03 18.90	34.99 -2.49 7.64	46.09 -3.14 3.76	63.02 -3.71 1.17	23.67 -2.09 17.75	15.62 -3.61 42.32	9.36 -2.50 30.80	18.17 -3.28 32.58	16.30 -4.12 53.79	1.26 -2.81 81.32	5.47 -1.63 54.65	21.91 -1.75 13.22	65.01 -4.11 3.01	101.56 -7.70 4.90	38.80 -4.10 14.11	30.16 -3.16 11.45	11.46 -2.39 34.09
EMPIRE_CC_1 323656	45.69 0.29 0.00	59.18 0.64 0.00	42.88 0.67 0.00	41.37 0.56 0.00	37.09 0.53 0.00	39.67 0.60 0.00	-15.76 0.52 69.31	39.27 0.34 14.11	26.17 0.58 19.55	36.06 0.36 17.29	57.03 0.43 11.30	40.27 0.37 3.61	64.52 0.62 -2.35	56.25 0.12 -13.47	64.58 0.12 -10.43	90.06 -0.05 -15.89	94.85 -0.53 -10.00	67.21 0.07 -5.40	40.91 0.23 -3.80	72.19 0.07 0.00	114.14 -0.02 0.00	57.16 0.14 0.00	44.90 0.13 0.00	48.19 0.25 0.00
EMPIRE_CC_2 323658	45.69 0.29 0.00	59.18 0.64 0.00	42.88 0.67 0.00	41.37 0.56 0.00	37.09 0.53 0.00	39.67 0.60 0.00	-15.76 0.52 69.31	39.27 0.34 14.11	26.17 0.58 19.55	36.06 0.36 17.29	57.03 0.43 11.30	40.27 0.37 3.61	64.52 0.62 -2.35	56.25 0.12 -13.47	64.58 0.12 -10.43	90.06 -0.05 -15.89	94.85 -0.53 -10.00	67.21 0.07 -5.40	40.91 0.23 -3.80	72.19 0.07 0.00	114.14 -0.02 0.00	57.16 0.14 0.00	44.90 0.13 0.00	48.19 0.25 0.00
ENORWICH_115KV_TB1 80156	55.07 1.40 -8.27	83.85 2.01 -23.30	60.05 1.04 -16.80	58.58 0.71 -17.06	46.94 0.55 -9.83	48.96 0.79 -9.10	81.76 1.99 -26.74	63.81 2.17 -8.59	50.40 1.39 -3.88	56.31 1.41 -1.91	69.92 2.11 0.09	50.20 1.31 -5.37	82.75 2.48 -18.73	57.10 1.74 -12.70	69.56 2.76 -12.77	102.99 3.96 -24.82	128.63 2.99 -40.25	88.87 2.71 -24.41	43.35 1.87 -4.59	77.64 4.74 -0.78	121.57 4.98 -2.44	66.06 2.01 -7.04	51.41 1.60 -5.03	61.39 1.78 -11.66
ERIE_ST__34_KV_TB1-2 80199	26.97 -1.35 17.09	9.32 -1.06 48.16	6.45 -1.04 34.72	4.78 -0.77 35.26	15.15 -1.10 20.31	19.03 -1.24 18.81	-3.32 -1.02 55.34	31.62 -1.46 19.96	35.17 -1.88 8.08	46.66 -2.36 3.98	64.30 -2.62 0.98	25.51 -1.32 16.68	16.16 -2.47 42.91	10.26 -1.72 30.69	19.67 -2.20 32.16	15.99 -2.71 55.51	-1.73 -1.43 85.69	3.70 -0.66 57.39	23.14 -1.09 12.66	66.51 -2.90 2.71	103.22 -5.76 5.17	39.02 -3.10 14.89	30.76 -2.40 11.62	10.30 -1.64 36.00
ERIE_WT_PWR 323693	24.69 -1.78 18.94	8.09 -1.79 48.65	5.80 -1.46 34.95	4.33 -1.20 35.28	13.05 -1.46 22.05	18.56 -1.71 18.81	-3.00 -1.65 54.38	25.82 -1.92 25.30	34.89 -2.31 7.94	46.24 -2.85 3.91	63.41 -3.37 1.11	23.98 -1.93 17.60	14.79 -3.54 43.21	9.08 -2.35 31.23	18.01 -3.09 32.92	14.95 -3.96 55.31	-1.73 -2.81 84.31	3.53 -1.64 56.58	22.10 -1.59 13.20	65.55 -3.63 2.94	101.95 -7.12 5.08	38.40 -3.73 14.88	29.66 -2.96 12.14	9.32 -2.36 36.25
ESPRGFLD_115KV_TB1 80157	51.01 1.43 -4.18	72.00 1.70 -11.77	51.76 1.06 -8.49	50.48 1.06 -8.62	42.46 0.93 -4.96	44.66 0.99 -4.60	72.68 1.75 -17.89	59.35 1.90 -4.41	49.50 1.49 -2.87	56.62 1.58 -2.05	70.77 1.97 -0.90	47.39 1.13 -2.75	72.80 1.77 -9.48	49.83 1.39 -5.78	61.78 1.96 -5.80	89.70 3.02 -12.46	109.77 3.41 -20.96	77.61 2.67 -13.19	40.39 1.62 -1.88	75.72 3.37 -0.22	120.12 4.68 -1.28	62.84 2.15 -3.68	48.84 1.62 -2.46	56.86 1.53 -7.39
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.86 0.29 4.83	45.25 0.34 13.62	32.53 0.14 9.82	30.96 0.12 9.98	30.91 0.09 5.75	33.92 0.17 5.32	37.94 0.45 15.54	47.81 0.29 5.53	42.96 0.02 2.19	51.89 -0.02 1.08	68.15 -0.05 -0.30	43.68 0.19 0.02	54.08 0.64 8.10	38.71 0.75 4.70	49.69 0.56 4.90	59.93 0.70 14.98	58.49 0.80 27.70	44.35 0.84 18.24	36.62 0.55 0.82	73.85 1.42 -0.31	114.17 1.71 1.70	52.75 0.64 4.90	42.45 0.39 2.71	36.09 0.46 12.31
ETNA____115KV_TB2 80207	40.86 0.29 4.83	45.25 0.34 13.62	32.53 0.14 9.82	30.96 0.12 9.98	30.91 0.09 5.75	33.92 0.17 5.32	37.94 0.45 15.54	47.81 0.29 5.53	42.96 0.02 2.19	51.89 -0.02 1.08	68.15 -0.05 -0.30	43.68 0.19 0.02	54.08 0.64 8.10	38.71 0.75 4.70	49.69 0.56 4.90	59.93 0.70 14.98	58.49 0.80 27.70	44.35 0.84 18.24	36.62 0.55 0.82	73.85 1.42 -0.31	114.17 1.71 1.70	52.75 0.64 4.90	42.45 0.39 2.71	36.09 0.46 12.31
EUCLID__115KV_TB2 356179	44.73 -0.68 0.00	57.70 -0.83 0.00	41.58 -0.64 0.00	40.23 -0.58 0.00	36.00 -0.56 0.00	38.50 -0.57 0.00	52.33 -0.71 0.00	52.19 -0.86 0.00	44.25 -0.87 0.00	52.02 -0.97 0.00	66.75 -1.14 0.00	42.88 -0.63 0.00	60.81 -0.73 0.00	42.18 -0.48 0.00	53.35 -0.68 0.00	73.24 -0.98 0.00	84.42 -0.97 0.00	61.30 -0.45 0.00	36.58 -0.32 0.00	71.42 -0.71 0.00	112.60 -1.55 0.00	56.11 -0.91 0.00	43.98 -0.79 0.00	47.15 -0.80 0.00
E_CANADA_CAP_HY 24051	50.00 1.94 -2.66	68.39 2.37 -7.48	49.18 1.57 -5.40	47.85 1.56 -5.48	41.11 1.39 -3.16	43.44 1.45 -2.92	69.14 2.23 -13.87	56.56 2.12 -1.40	48.87 1.78 -1.96	56.53 1.70 -1.83	71.28 1.78 -1.60	48.66 0.91 -4.24	74.42 1.13 -11.75	53.41 0.94 -9.81	59.98 1.80 -4.16	85.56 3.42 -7.92	102.54 3.82 -13.33	72.94 2.74 -8.45	39.81 1.73 -1.19	75.89 3.63 -0.14	120.54 5.57 -0.81	62.08 2.73 -2.34	48.43 2.10 -1.56	54.82 2.04 -4.84
E_CANADA_MHWK_HY 24050	46.11 0.71 0.00	59.51 0.97 0.00	42.91 0.69 0.00	41.35 0.54 0.00	37.10 0.54 0.00	39.80 0.73 0.00	53.74 0.70 0.00	53.49 0.44 0.00	46.12 1.00 0.00	53.51 0.52 0.00	68.12 0.23 0.00	43.41 -0.10 0.00	61.39 -0.15 0.00	42.48 -0.18 0.00	54.57 0.54 0.00	76.31 2.10 0.00	85.32 -0.07 0.00	62.89 1.14 0.00	38.13 1.24 0.00	74.36 2.23 0.00	117.49 3.33 0.00	58.62 1.61 0.00	45.94 1.17 0.00	48.99 1.05 0.00
E_FISHKILL__LBMP 23776	46.92 1.51 0.00	60.30 1.76 0.00	43.46 1.25 0.00	41.98 1.17 0.00	37.65 1.09 0.00	40.33 1.26 0.00	54.91 1.88 0.00	55.21 2.16 0.00	47.38 2.25 0.00	57.16 2.69 -1.48	73.73 3.45 -2.39	55.31 2.31 -9.49	86.51 3.62 -21.34	70.27 2.65 -24.97	80.75 3.23 -23.49	114.82 4.12 -36.49	112.40 4.06 -22.96	77.70 3.56 -12.39	47.96 2.41 -8.66	76.23 4.11 0.00	119.81 5.65 0.00	59.61 2.60 0.00	46.85 2.08 0.00	49.92 1.98 0.00
FALCON__SEABRD_CC1 323796	45.98 0.57 0.00	59.09 0.55 0.00	42.60 0.38 0.00	41.07 0.26 0.00	36.83 0.27 0.00	39.34 0.26 0.00	53.24 0.21 0.00	53.47 0.42 0.00	45.11 -0.02 0.00	53.04 0.05 0.00	67.71 -0.19 0.00	43.23 -0.28 0.00	60.23 -1.32 0.00	41.60 -1.06 0.00	52.95 -1.08 0.00	73.32 -0.89 0.00	85.55 0.16 0.00	62.00 0.25 0.00	36.83 -0.06 0.00	72.05 -0.08 0.00	114.22 0.06 0.00	57.11 0.10 0.00	45.00 0.24 0.00	48.57 0.62 0.00
FALCON__SEABRD_CC2 323797	45.98 0.57 0.00	59.09 0.55 0.00	42.60 0.38 0.00	41.07 0.26 0.00	36.83 0.27 0.00	39.34 0.26 0.00	53.24 0.21 0.00	53.47 0.42 0.00	45.11 -0.02 0.00	53.04 0.05 0.00	67.71 -0.19 0.00	43.23 -0.28 0.00	60.23 -1.32 0.00	41.60 -1.06 0.00	52.95 -1.08 0.00	73.32 -0.89 0.00	85.55 0.16 0.00	62.00 0.25 0.00	36.83 -0.06 0.00	72.05 -0.08 0.00	114.22 0.06 0.00	57.11 0.10 0.00	45.00 0.24 0.00	48.57 0.62 0.00

FAR ROCKAWAY___4 23548	48.44 3.03 0.00	61.99 3.45 0.00	44.70 2.48 0.00	43.18 2.37 0.00	38.68 2.11 0.00	41.42 2.35 0.00	56.44 3.41 0.00	56.75 3.71 0.00	49.10 3.97 0.00	62.14 4.45 -4.69	77.01 5.92 -3.19	60.11 3.95 -12.64	95.46 5.55 -28.37	79.99 4.15 -33.19	92.51 5.47 -33.01	132.49 6.74 -51.53	124.45 6.64 -32.41	84.83 5.58 -17.50	52.95 3.84 -12.21	78.95 6.83 0.00	124.10 9.95 0.00	61.75 4.74 0.00	48.21 3.44 0.00	51.59 3.65 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.66 2.25 0.00	61.21 2.68 0.00	44.07 1.86 0.00	42.57 1.76 0.00	38.20 1.64 0.00	40.93 1.85 0.00	55.81 2.77 0.00	56.22 3.17 0.00	48.36 3.23 0.00	61.66 3.93 -4.74	76.14 5.04 -3.20	59.50 3.31 -12.68	95.10 5.09 -28.47	79.67 3.71 -33.30	91.72 4.55 -33.14	131.80 5.85 -51.74	123.97 6.04 -32.55	84.29 4.97 -17.57	52.49 3.34 -12.26	77.98 5.85 0.00	122.34 8.18 0.00	60.83 3.82 0.00	47.86 3.09 0.00	50.89 2.95 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.66 2.25 0.00	61.21 2.68 0.00	44.07 1.86 0.00	42.57 1.76 0.00	38.20 1.64 0.00	40.93 1.85 0.00	55.81 2.77 0.00	56.22 3.17 0.00	48.34 3.21 0.00	61.65 3.92 -4.74	76.13 5.03 -3.20	59.49 3.29 -12.68	95.09 5.08 -28.47	79.66 3.71 -33.30	91.69 4.53 -33.14	131.78 5.83 -51.74	123.94 6.01 -32.55	84.27 4.95 -17.57	52.47 3.32 -12.26	77.98 5.85 0.00	122.34 8.18 0.00	60.83 3.82 0.00	47.86 3.09 0.00	50.89 2.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.62 2.22 0.00	61.16 2.62 0.00	44.04 1.83 0.00	42.54 1.73 0.00	38.16 1.60 0.00	40.90 1.82 0.00	55.77 2.74 0.00	56.17 3.13 0.00	48.33 3.20 0.00	61.63 3.90 -4.74	76.09 4.99 -3.20	59.46 3.26 -12.68	95.05 5.04 -28.47	79.63 3.67 -33.30	91.68 4.51 -33.14	131.73 5.77 -51.74	123.88 5.95 -32.55	84.23 4.91 -17.57	52.45 3.30 -12.26	77.91 5.78 0.00	122.22 8.07 0.00	60.78 3.76 0.00	47.81 3.04 0.00	50.84 2.90 0.00
FARRAGUT___LBMP 323566	47.59 2.19 0.00	61.12 2.58 0.00	44.01 1.80 0.00	42.52 1.71 0.00	38.14 1.58 0.00	40.86 1.78 0.00	55.72 2.69 0.00	56.12 3.07 0.00	48.28 3.15 0.00	61.55 3.82 -4.74	76.00 4.90 -3.20	59.41 3.22 -12.68	94.97 4.96 -28.47	79.58 3.62 -33.30	91.59 4.42 -33.14	131.63 5.68 -51.74	123.77 5.84 -32.55	84.15 4.83 -17.57	52.40 3.25 -12.26	77.83 5.71 0.00	122.11 7.95 0.00	60.73 3.71 0.00	47.77 3.00 0.00	50.81 2.87 0.00
FARRCKWY_69_KV_BK2 55825	48.44 3.03 0.00	61.99 3.45 0.00	44.70 2.48 0.00	43.18 2.37 0.00	38.68 2.11 0.00	41.42 2.35 0.00	56.44 3.41 0.00	56.75 3.71 0.00	49.10 3.97 0.00	62.14 4.45 -4.69	77.01 5.92 -3.19	60.11 3.95 -12.64	95.46 5.55 -28.37	79.99 4.15 -33.19	92.51 5.47 -33.01	132.49 6.74 -51.53	124.45 6.64 -32.41	84.83 5.58 -17.50	52.95 3.84 -12.21	78.95 6.83 0.00	124.10 9.95 0.00	61.75 4.74 0.00	48.21 3.44 0.00	51.59 3.65 0.00
FENNER___WINDPWR 24204	45.92 0.51 0.00	59.09 0.55 0.00	42.56 0.34 0.00	41.15 0.34 0.00	36.90 0.33 0.00	39.51 0.43 0.00	53.70 0.66 0.00	53.61 0.56 0.00	45.35 0.22 0.00	53.28 0.29 0.00	68.52 0.63 0.00	43.95 0.43 0.00	62.40 0.85 0.00	43.37 0.71 0.00	55.06 1.03 0.00	75.75 1.54 0.00	86.74 1.35 0.00	63.23 1.48 0.00	37.63 0.74 0.00	74.05 1.92 0.00	116.74 2.58 0.00	58.23 1.22 0.00	45.67 0.91 0.00	48.85 0.91 0.00
FIBERTEK___ENERGY 23856	42.44 -0.24 2.73	50.52 -0.32 7.70	36.40 -0.26 5.55	34.93 -0.24 5.64	33.08 -0.23 3.25	35.86 -0.20 3.01	44.03 -0.22 8.79	49.60 -0.39 3.05	43.40 -0.49 1.24	51.85 -0.53 0.61	67.29 -0.60 0.00	41.86 -0.25 1.40	55.68 -0.10 5.77	38.86 -0.01 3.79	50.09 -0.11 3.83	65.75 -0.23 8.23	71.38 -0.16 13.85	52.75 0.10 9.10	35.72 0.07 1.24	72.14 0.16 0.14	113.14 -0.17 0.84	54.30 -0.29 2.43	42.81 -0.34 1.62	41.85 -0.32 5.77
FITZPATRICK___ 23598	44.06 -1.35 0.00	56.84 -1.70 0.00	40.97 -1.25 0.00	39.62 -1.19 0.00	35.48 -1.08 0.00	37.92 -1.15 0.00	51.48 -1.55 0.00	51.34 -1.71 0.00	43.54 -1.59 0.00	51.13 -1.86 0.00	65.59 -2.31 0.00	42.09 -1.43 0.00	59.59 -1.95 0.00	41.34 -1.31 0.00	52.30 -1.73 0.00	71.86 -2.36 0.00	82.76 -2.63 0.00	60.03 -1.72 0.00	35.85 -1.04 0.00	70.01 -2.12 0.00	110.47 -3.68 0.00	55.10 -1.92 0.00	43.22 -1.55 0.00	46.34 -1.60 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.77 2.37 0.00	61.36 2.83 0.00	44.19 1.97 0.00	42.67 1.86 0.00	38.26 1.70 0.00	41.01 1.94 0.00	55.89 2.86 0.00	56.27 3.22 0.00	48.33 3.20 0.00	58.28 3.84 -1.45	74.47 4.92 -1.66	54.39 3.17 -7.70	85.12 4.96 -18.62	68.03 3.59 -21.77	75.72 4.21 -17.48	106.37 5.43 -26.73	107.79 5.59 -16.81	75.55 4.72 -9.08	46.29 3.08 -6.31	77.50 5.38 0.00	121.77 7.61 0.00	60.56 3.55 0.00	47.53 2.76 0.00	50.59 2.65 0.00
FORT ORANGE___ 23900	45.81 0.40 0.00	59.17 0.63 0.00	42.80 0.59 0.00	41.32 0.51 0.00	37.03 0.46 0.00	39.55 0.48 0.00	0.74 0.41 52.71	42.64 0.32 10.73	30.85 0.57 14.85	40.48 0.60 13.12	59.89 0.61 8.62	41.29 0.34 2.56	64.79 0.67 -2.58	54.05 0.27 -11.11	62.23 0.36 -7.84	86.59 0.56 -11.82	93.20 0.38 -7.43	66.40 0.63 -4.01	40.29 0.56 -2.83	72.74 0.62 0.00	114.94 0.78 0.00	57.38 0.36 0.00	45.11 0.34 0.00	48.34 0.39 0.00
FORT_DRUM_COGEN 23780	46.40 0.99 0.00	59.02 0.49 0.00	42.51 0.29 0.00	41.54 0.73 0.00	37.38 0.82 0.00	39.54 0.47 0.00	53.71 0.68 0.00	53.45 0.41 0.00	45.06 -0.07 0.00	53.70 0.71 0.00	69.05 1.16 0.00	42.97 -0.54 0.00	61.56 0.02 0.00	43.36 0.70 0.00	56.03 2.01 0.00	74.73 0.51 0.00	86.23 0.84 0.00	63.79 2.04 0.00	37.31 0.42 0.00	74.81 2.69 0.00	119.02 4.86 0.00	59.67 2.66 0.00	47.01 2.24 0.00	49.48 1.54 0.00
FOX_HILLS___ESR 323835	47.41 2.01 0.00	60.96 2.42 0.00	43.88 1.66 0.00	42.42 1.61 0.00	38.05 1.49 0.00	40.76 1.69 0.00	55.58 2.55 0.00	55.97 2.93 0.00	48.05 2.92 0.00	61.10 3.38 -4.74	75.40 4.30 -3.20	59.19 2.99 -12.68	94.31 4.30 -28.46	79.31 3.35 -33.29	91.17 4.01 -33.14	131.13 5.18 -51.73	123.38 5.45 -32.54	84.15 4.82 -17.57	52.30 3.15 -12.26	77.59 5.47 0.00	121.65 7.50 0.00	60.70 3.69 0.00	47.74 2.98 0.00	50.74 2.80 0.00
FPL_FAR_ROCK_GT1 24212	48.46 3.05 0.00	62.10 3.56 0.00	44.71 2.49 0.00	43.21 2.40 0.00	38.70 2.13 0.00	41.45 2.38 0.00	56.50 3.46 0.00	56.85 3.81 0.00	49.11 3.99 0.00	62.14 4.46 -4.69	76.98 5.90 -3.19	60.11 3.96 -12.64	95.48 5.57 -28.37	79.99 4.15 -33.19	92.51 5.47 -33.01	132.52 6.78 -51.53	124.54 6.74 -32.41	84.88 5.63 -17.50	52.96 3.85 -12.21	78.95 6.82 0.00	124.09 9.93 0.00	61.76 4.75 0.00	48.23 3.46 0.00	51.62 3.68 0.00
FPL_FAR_ROCK_GT2 23815	48.46 3.05 0.00	62.10 3.56 0.00	44.71 2.49 0.00	43.21 2.40 0.00	38.70 2.13 0.00	41.45 2.38 0.00	56.50 3.46 0.00	56.85 3.81 0.00	49.11 3.99 0.00	62.14 4.46 -4.69	76.98 5.90 -3.19	60.11 3.96 -12.64	95.48 5.57 -28.37	79.99 4.15 -33.19	92.51 5.47 -33.01	132.52 6.78 -51.53	124.54 6.74 -32.41	84.88 5.63 -17.50	52.96 3.85 -12.21	78.95 6.82 0.00	124.09 9.93 0.00	61.76 4.75 0.00	48.23 3.46 0.00	51.62 3.68 0.00

FRANKLIN_FALL_HYD 24054	45.88 0.48 0.00	58.94 0.40 0.00	42.49 0.27 0.00	41.05 0.24 0.00	36.80 0.24 0.00	39.24 0.16 0.00	53.22 0.19 0.00	53.48 0.43 0.00	45.23 0.11 0.00	53.16 0.17 0.00	68.00 0.11 0.00	43.38 -0.13 0.00	60.46 -1.09 0.00	41.66 -1.00 0.00	52.99 -1.03 0.00	73.12 -1.10 0.00	85.41 0.03 0.00	61.61 -0.14 0.00	36.58 -0.31 0.00	71.83 -0.30 0.00	114.26 0.10 0.00	57.33 0.32 0.00	45.24 0.47 0.00	48.60 0.66 0.00
FREEPORT_EQUS_GT1 23764	48.17 2.76 0.00	61.69 3.15 0.00	44.41 2.19 0.00	42.90 2.10 0.00	38.43 1.86 0.00	41.15 2.08 0.00	56.06 3.03 0.00	56.44 3.39 0.00	48.77 3.64 0.00	61.61 3.93 -4.69	76.32 5.23 -3.19	59.71 3.55 -12.64	94.83 4.92 -28.37	79.53 3.69 -33.19	91.89 4.85 -33.01	131.61 5.87 -51.53	123.37 5.57 -32.41	84.34 5.09 -17.50	52.53 3.43 -12.21	78.17 6.05 0.00	122.76 8.61 0.00	61.01 3.99 0.00	48.07 3.30 0.00	51.25 3.32 0.00
FREEPORT___CT2 23818	48.17 2.76 0.00	61.69 3.15 0.00	44.41 2.19 0.00	42.90 2.10 0.00	38.43 1.86 0.00	41.15 2.08 0.00	56.06 3.03 0.00	56.44 3.39 0.00	48.77 3.64 0.00	61.61 3.93 -4.69	76.32 5.23 -3.19	59.71 3.55 -12.64	94.83 4.92 -28.37	79.53 3.69 -33.19	91.89 4.85 -33.01	131.61 5.87 -51.53	123.37 5.57 -32.41	84.34 5.09 -17.50	52.53 3.43 -12.21	78.17 6.05 0.00	122.76 8.61 0.00	61.01 3.99 0.00	48.07 3.30 0.00	51.25 3.32 0.00
FRESHKLS_33_KV_LOAD 356253	47.56 2.16 0.00	61.16 2.62 0.00	44.04 1.82 0.00	42.57 1.76 0.00	38.18 1.62 0.00	40.91 1.84 0.00	55.76 2.73 0.00	56.15 3.11 0.00	48.17 3.05 0.00	61.15 3.42 -4.74	75.45 4.36 -3.20	59.25 3.06 -12.68	94.27 4.26 -28.46	79.38 3.43 -33.29	91.19 4.03 -33.14	131.19 5.24 -51.73	123.63 5.70 -32.54	84.41 5.08 -17.57	52.38 3.23 -12.26	77.74 5.62 0.00	121.87 7.72 0.00	60.87 3.86 0.00	47.88 3.11 0.00	50.88 2.93 0.00
FULTON COGEN____ 23766	44.58 -0.82 0.00	57.49 -1.05 0.00	41.42 -0.79 0.00	40.08 -0.73 0.00	35.87 -0.69 0.00	38.36 -0.72 0.00	52.12 -0.91 0.00	51.94 -1.10 0.00	44.01 -1.12 0.00	51.72 -1.27 0.00	66.43 -1.46 0.00	42.58 -0.93 0.00	60.45 -1.09 0.00	41.96 -0.70 0.00	53.08 -0.94 0.00	72.79 -1.42 0.00	83.78 -1.60 0.00	60.96 -0.79 0.00	36.39 -0.50 0.00	71.19 -0.94 0.00	112.25 -1.91 0.00	55.94 -1.07 0.00	43.83 -0.94 0.00	46.96 -0.98 0.00
FULTON___LFGE 323630	47.58 2.18 0.00	61.25 2.71 0.00	44.08 1.87 0.00	42.61 1.80 0.00	38.19 1.63 0.00	40.86 1.78 0.00	63.23 2.54 -7.66	56.77 2.17 -1.56	49.46 2.14 -2.19	56.76 1.72 -2.04	71.13 1.40 -1.83	47.57 0.59 -3.46	69.71 0.66 -7.50	50.74 0.48 -7.60	56.28 1.67 -0.58	78.27 4.05 0.00	89.38 3.99 0.00	64.72 2.97 0.00	38.97 2.00 -0.08	76.17 4.05 0.00	120.65 6.49 0.00	60.25 3.24 0.00	47.21 2.44 0.00	50.38 2.44 0.00
G.F.CEMENT___DRP 24184	47.52 2.12 0.00	61.20 2.66 0.00	44.19 1.97 0.00	42.60 1.79 0.00	38.17 1.61 0.00	40.98 1.91 0.00	99.51 2.53 -43.95	64.52 2.52 -8.95	59.85 2.28 -12.44	67.02 2.39 -11.63	79.27 2.98 -8.40	53.95 1.93 -8.51	78.01 2.39 -14.08	53.71 1.33 -9.73	62.74 1.74 -6.97	87.36 2.63 -10.53	94.99 2.98 -6.62	68.00 2.67 -3.57	41.48 2.07 -2.52	76.02 3.90 0.00	120.11 5.95 0.00	60.00 2.99 0.00	47.02 2.25 0.00	50.51 2.57 0.00
GARDENVILLE___LBMP 24039	26.80 -1.86 16.75	9.68 -1.66 47.20	6.76 -1.43 34.03	5.10 -1.15 34.56	15.21 -1.45 19.91	18.98 -1.66 18.43	-2.73 -1.54 54.23	31.52 -1.96 19.56	34.81 -2.41 7.91	46.05 -3.05 3.90	62.99 -3.62 1.29	22.42 -2.04 19.05	13.65 -3.51 44.38	7.79 -2.40 32.48	16.42 -3.17 34.45	14.15 -3.98 56.09	-1.51 -2.69 84.21	3.58 -1.51 56.66	21.13 -1.65 14.11	64.99 -3.87 3.27	101.78 -7.30 5.07	38.54 -3.87 14.60	29.79 -3.00 11.98	10.41 -2.25 35.28
GARDNVLA_35_KV_LD 355827	26.94 -1.66 16.81	9.72 -1.44 47.38	6.79 -1.26 34.16	5.13 -0.99 34.69	15.28 -1.30 19.98	19.06 -1.51 18.51	-2.74 -1.33 54.44	31.68 -1.72 19.64	35.01 -2.18 7.95	46.35 -2.73 3.91	63.64 -3.21 1.04	24.65 -1.80 17.06	15.56 -3.20 42.78	9.70 -2.19 30.77	18.83 -2.85 32.35	15.64 -3.55 55.02	-1.14 -2.17 84.36	4.01 -1.19 56.56	22.57 -1.46 12.87	65.85 -3.46 2.82	102.39 -6.68 5.09	38.79 -3.58 14.65	30.39 -2.81 11.57	10.47 -2.06 35.42
GELCKHM__115KV_LOAD 80723	42.63 -0.51 2.26	51.51 -0.65 6.38	37.11 -0.51 4.60	35.71 -0.42 4.67	33.44 -0.43 2.69	36.14 -0.44 2.49	46.53 -0.53 5.98	52.36 -0.68 0.00	44.40 -0.73 0.00	52.17 -0.82 0.00	66.95 -0.94 0.00	41.85 -0.50 1.16	56.27 -0.49 4.78	39.22 -0.30 3.14	50.40 -0.46 3.17	66.71 -0.70 6.81	73.26 -0.68 11.45	53.99 -0.24 7.52	35.69 -0.18 1.02	71.64 -0.37 0.12	112.42 -1.04 0.70	54.33 -0.68 2.01	42.79 -0.63 1.34	42.57 -0.62 4.75
GENERAL___MILLS 23808	26.88 -1.73 16.79	9.69 -1.52 47.32	6.77 -1.33 34.12	5.10 -1.05 34.65	15.24 -1.36 19.96	19.03 -1.56 18.48	-2.77 -1.43 54.38	31.60 -1.83 19.62	34.92 -2.27 7.93	46.22 -2.87 3.91	63.38 -3.40 1.11	24.02 -1.90 17.60	15.00 -3.33 43.21	9.14 -2.29 31.23	18.11 -3.00 32.92	15.16 -3.75 55.31	-1.35 -2.43 84.31	3.81 -1.35 56.58	22.14 -1.55 13.20	65.51 -3.67 2.94	102.12 -6.96 5.08	38.66 -3.72 14.64	30.19 -2.89 11.68	10.41 -2.15 35.38
GE_PLASTICS___DRP 24183	45.68 0.27 0.00	59.05 0.51 0.00	42.65 0.44 0.00	41.21 0.40 0.00	36.89 0.33 0.00	39.28 0.20 0.00	16.13 -0.05 36.85	45.45 -0.09 7.50	34.93 0.18 10.38	44.15 0.11 8.96	62.10 0.05 5.84	42.81 0.05 0.75	66.26 0.22 -4.49	53.61 0.03 -10.92	61.70 0.03 -7.64	85.69 -0.03 -11.50	92.20 -0.42 -7.24	65.71 0.06 -3.91	39.88 0.23 -2.76	72.19 0.07 0.00	113.98 -0.18 0.00	56.89 -0.12 0.00	44.74 -0.03 0.00	48.02 0.08 0.00
GILBOA___1 23756	46.00 0.59 0.00	59.32 0.78 0.00	42.78 0.56 0.00	41.33 0.52 0.00	37.05 0.49 0.00	39.63 0.56 0.00	53.80 0.77 0.00	53.87 0.82 0.00	45.99 0.86 0.00	53.97 0.97 0.00	69.12 1.23 0.00	44.30 0.78 0.00	62.95 1.41 0.00	43.65 0.99 0.00	55.12 1.09 0.00	75.51 1.30 0.00	86.40 1.02 0.00	63.13 1.38 0.00	37.85 0.96 0.00	73.72 1.59 0.00	116.20 2.05 0.00	57.94 0.93 0.00	45.50 0.74 0.00	48.67 0.73 0.00
GILBOA___2 23757	46.00 0.59 0.00	59.32 0.78 0.00	42.78 0.56 0.00	41.33 0.52 0.00	37.05 0.49 0.00	39.63 0.56 0.00	53.80 0.77 0.00	53.87 0.82 0.00	45.99 0.86 0.00	53.97 0.97 0.00	69.12 1.23 0.00	44.30 0.78 0.00	62.95 1.41 0.00	43.65 0.99 0.00	55.12 1.09 0.00	75.51 1.30 0.00	86.40 1.02 0.00	63.13 1.38 0.00	37.85 0.96 0.00	73.72 1.59 0.00	116.20 2.05 0.00	57.94 0.93 0.00	45.50 0.74 0.00	48.67 0.73 0.00
GILBOA___3 23758	46.00 0.59 0.00	59.32 0.78 0.00	42.78 0.56 0.00	41.33 0.52 0.00	37.05 0.49 0.00	39.63 0.56 0.00	53.80 0.77 0.00	53.87 0.82 0.00	45.99 0.86 0.00	53.97 0.97 0.00	69.12 1.23 0.00	44.30 0.78 0.00	62.95 1.41 0.00	43.65 0.99 0.00	55.12 1.09 0.00	75.51 1.30 0.00	86.40 1.02 0.00	63.13 1.38 0.00	37.85 0.96 0.00	73.72 1.59 0.00	116.20 2.05 0.00	57.94 0.93 0.00	45.50 0.74 0.00	48.67 0.73 0.00

GILBOA____4 23759	46.00 0.59 0.00	59.32 0.78 0.00	42.78 0.56 0.00	41.33 0.52 0.00	37.05 0.49 0.00	39.63 0.56 0.00	53.80 0.77 0.00	53.87 0.82 0.00	45.99 0.86 0.00	53.97 0.97 0.00	69.12 1.23 0.00	44.30 0.78 0.00	62.95 1.41 0.00	43.65 0.99 0.00	55.12 1.09 0.00	75.51 1.30 0.00	86.40 1.02 0.00	63.13 1.38 0.00	37.85 0.96 0.00	73.72 1.59 0.00	116.20 2.05 0.00	57.94 0.93 0.00	45.50 0.74 0.00	48.67 0.73 0.00
GILBOA____ 23599	45.99 0.58 0.00	59.30 0.76 0.00	42.76 0.55 0.00	41.31 0.50 0.00	37.04 0.47 0.00	39.63 0.56 0.00	53.80 0.76 0.00	53.85 0.81 0.00	45.99 0.86 0.00	53.97 0.98 0.00	69.12 1.23 0.00	44.29 0.78 0.00	62.95 1.40 0.00	43.64 0.98 0.00	55.11 1.08 0.00	75.54 1.32 0.00	86.39 1.00 0.00	63.10 1.35 0.00	37.85 0.96 0.00	73.73 1.60 0.00	116.22 2.06 0.00	57.93 0.92 0.00	45.50 0.73 0.00	48.65 0.71 0.00
GINNA____ 23603	33.24 -2.70 9.47	30.25 -3.25 25.04	21.77 -2.43 18.01	20.34 -2.26 18.21	23.26 -2.21 11.10	26.98 -2.39 9.71	21.93 -2.90 28.21	37.89 -3.04 12.11	38.12 -2.92 4.09	47.55 -3.43 2.02	63.96 -3.94 0.00	36.78 -2.37 4.36	39.47 -3.68 18.40	27.96 -2.67 12.03	38.48 -3.55 11.99	44.08 -4.35 25.79	37.97 -4.03 43.38	30.49 -2.63 28.63	31.15 -1.86 3.88	67.58 -4.09 0.45	104.10 -7.41 2.64	45.31 -4.00 7.70	36.23 -3.30 5.24	26.11 -3.18 18.64
GLEN PARK____ 23778	46.54 1.13 0.00	59.20 0.66 0.00	42.64 0.42 0.00	41.65 0.84 0.00	37.48 0.92 0.00	39.67 0.60 0.00	53.88 0.85 0.00	53.61 0.56 0.00	45.17 0.04 0.00	53.86 0.87 0.00	69.30 1.41 0.00	43.12 -0.39 0.00	61.83 0.28 0.00	43.59 0.93 0.00	56.23 2.20 0.00	74.88 0.66 0.00	86.34 0.96 0.00	64.03 2.28 0.00	37.48 0.59 0.00	75.24 3.12 0.00	119.63 5.47 0.00	59.92 2.91 0.00	47.16 2.39 0.00	49.64 1.70 0.00
GLENDALE_27_KV_LOAD 356172	47.82 2.42 0.00	61.42 2.88 0.00	44.23 2.02 0.00	42.73 1.92 0.00	38.34 1.78 0.00	41.09 2.02 0.00	56.07 3.04 0.00	56.50 3.46 0.00	48.58 3.45 0.00	61.89 4.17 -4.74	76.39 5.30 -3.20	59.76 3.56 -12.68	95.34 5.33 -28.46	79.89 3.94 -33.29	91.93 4.77 -33.14	132.07 6.13 -51.73	124.35 6.43 -32.54	84.64 5.32 -17.57	52.67 3.52 -12.26	78.29 6.16 0.00	122.74 8.58 0.00	61.11 4.09 0.00	48.09 3.32 0.00	51.14 3.21 0.00
GLENWOOD_IC_1_G5 23712	47.84 2.44 0.00	61.32 2.78 0.00	44.20 1.98 0.00	42.69 1.89 0.00	38.26 1.70 0.00	40.97 1.89 0.00	55.85 2.82 0.00	56.19 3.15 0.00	48.49 3.36 0.00	61.51 3.83 -4.69	76.17 5.08 -3.19	59.30 3.15 -12.64	94.86 4.95 -28.37	79.46 3.62 -33.19	91.46 4.42 -33.01	131.60 5.85 -51.53	123.15 5.35 -32.41	83.82 4.57 -17.50	52.21 3.10 -12.21	77.53 5.41 0.00	121.80 7.64 0.00	60.62 3.61 0.00	47.61 2.84 0.00	50.95 3.01 0.00
GLENWOOD_IC_2_G1 23688	47.60 2.19 0.00	61.13 2.59 0.00	44.00 1.78 0.00	42.53 1.72 0.00	38.11 1.55 0.00	40.82 1.75 0.00	55.65 2.62 0.00	56.00 2.96 0.00	48.22 3.09 0.00	61.25 3.56 -4.69	75.76 4.68 -3.19	59.26 3.11 -12.64	94.58 4.67 -28.37	79.28 3.43 -33.19	91.36 4.32 -33.01	131.21 5.46 -51.53	123.31 5.50 -32.41	83.91 4.66 -17.50	52.21 3.11 -12.21	77.53 5.40 0.00	121.81 7.66 0.00	60.62 3.60 0.00	47.60 2.83 0.00	50.73 2.79 0.00
GLENWOOD_IC_3_G1 23689	47.60 2.19 0.00	61.13 2.59 0.00	44.00 1.78 0.00	42.53 1.72 0.00	38.11 1.55 0.00	40.82 1.75 0.00	55.65 2.62 0.00	56.00 2.96 0.00	48.22 3.09 0.00	61.25 3.56 -4.69	75.76 4.68 -3.19	59.26 3.11 -12.64	94.58 4.67 -28.37	79.28 3.43 -33.19	91.36 4.32 -33.01	131.21 5.46 -51.53	123.31 5.50 -32.41	83.91 4.66 -17.50	52.21 3.11 -12.21	77.53 5.40 0.00	121.81 7.66 0.00	60.62 3.60 0.00	47.60 2.83 0.00	50.73 2.79 0.00
GLENWOOD____4 23550	47.84 2.44 0.00	61.32 2.78 0.00	44.20 1.98 0.00	42.69 1.89 0.00	38.26 1.70 0.00	40.97 1.89 0.00	55.85 2.82 0.00	56.19 3.15 0.00	48.49 3.36 0.00	61.51 3.83 -4.69	76.17 5.09 -3.19	59.39 3.23 -12.64	94.88 4.96 -28.37	79.49 3.64 -33.19	91.56 4.52 -33.01	131.62 5.87 -51.53	123.34 5.54 -32.41	83.97 4.71 -17.50	52.29 3.19 -12.21	77.71 5.58 0.00	122.08 7.92 0.00	60.75 3.73 0.00	47.71 2.94 0.00	50.95 3.01 0.00
GLENWOOD____5 23614	47.84 2.44 0.00	61.32 2.78 0.00	44.20 1.98 0.00	42.69 1.89 0.00	38.26 1.70 0.00	40.97 1.89 0.00	55.85 2.82 0.00	56.19 3.15 0.00	48.49 3.36 0.00	61.51 3.83 -4.69	76.17 5.09 -3.19	59.39 3.23 -12.64	94.88 4.96 -28.37	79.49 3.64 -33.19	91.56 4.52 -33.01	131.62 5.87 -51.53	123.34 5.54 -32.41	83.97 4.71 -17.50	52.29 3.19 -12.21	77.71 5.58 0.00	122.08 7.92 0.00	60.75 3.73 0.00	47.71 2.94 0.00	50.95 3.01 0.00
GLOBAL GREEN_PORT_GT1 23814	49.17 3.77 0.00	62.12 3.58 0.00	44.63 2.41 0.00	43.25 2.44 0.00	38.69 2.13 0.00	41.09 2.02 0.00	55.95 2.91 0.00	56.36 3.31 0.00	48.62 3.50 0.00	61.36 3.68 -4.69	76.00 4.92 -3.19	59.89 3.73 -12.64	94.83 4.91 -28.37	79.53 3.68 -33.19	91.98 4.95 -33.01	131.82 6.07 -51.53	123.56 5.76 -32.41	84.45 5.19 -17.50	52.82 3.72 -12.21	79.25 7.12 0.00	124.17 10.01 0.00	61.79 4.78 0.00	48.46 3.69 0.00	51.42 3.48 0.00
GLOBE____DSASP 323697	28.04 -2.80 14.56	14.78 -2.72 41.04	10.52 -2.10 29.59	9.04 -1.72 30.05	17.24 -2.01 17.31	20.77 -2.27 16.03	3.38 -2.51 47.15	32.93 -3.12 16.99	34.50 -3.76 6.87	44.90 -4.71 3.38	61.12 -5.92 0.85	25.81 -3.36 14.35	19.57 -5.28 36.69	12.73 -3.65 26.28	21.57 -4.89 27.57	20.66 -6.16 47.40	7.69 -4.66 73.04	9.78 -3.05 48.92	23.13 -2.89 10.88	63.06 -6.72 2.34	97.66 -12.07 4.42	37.99 -6.26 12.76	30.39 -4.40 9.97	13.77 -3.50 30.67
GOETHSLN____LBMP 323567	47.42 2.01 0.00	60.90 2.36 0.00	43.87 1.65 0.00	42.38 1.57 0.00	38.01 1.45 0.00	40.73 1.65 0.00	55.51 2.48 0.00	55.90 2.86 0.00	48.04 2.91 0.00	61.28 3.55 -4.74	75.71 4.62 -3.20	59.22 3.03 -12.68	94.74 4.73 -28.47	79.42 3.46 -33.30	91.40 4.23 -33.14	131.44 5.49 -51.74	123.55 5.61 -32.55	83.99 4.67 -17.57	52.31 3.16 -12.26	77.63 5.51 0.00	121.80 7.64 0.00	60.60 3.59 0.00	47.69 2.92 0.00	50.69 2.75 0.00
GOLAH____69_KV_TB 1_2 80279	34.96 -0.56 9.89	30.42 -0.26 27.86	21.81 -0.31 20.09	20.23 -0.17 20.40	24.37 -0.44 11.75	27.69 -0.50 10.88	20.84 -0.20 31.99	41.07 -0.48 11.49	39.52 -0.96 4.65	49.30 -1.41 2.29	66.90 -0.99 0.00	38.24 -0.34 4.93	39.81 -0.88 20.86	28.10 -0.91 13.64	38.88 -1.55 13.59	43.56 -1.41 29.24	35.94 -0.27 49.18	29.71 0.42 32.46	32.28 -0.21 4.40	70.59 -1.02 0.51	108.53 -2.64 2.99	46.72 -1.67 8.63	37.61 -1.41 5.75	26.25 -0.90 20.79
GOODYEAR_LAKE_HYD 323669	53.52 1.06 -7.05	79.69 1.28 -19.87	57.36 0.82 -14.33	56.14 0.79 -14.55	45.66 0.71 -8.38	47.65 0.82 -7.76	75.99 1.39 -21.56	60.09 1.60 -5.44	48.84 1.39 -2.32	55.68 1.54 -1.14	69.86 1.97 0.00	48.36 1.23 -3.62	78.47 2.05 -14.88	53.96 1.54 -9.75	65.76 1.95 -9.78	97.91 2.66 -21.04	123.49 2.71 -35.39	86.31 2.41 -22.15	41.57 1.51 -3.17	75.41 2.92 -0.37	120.14 3.82 -2.16	64.92 1.70 -6.21	50.18 1.26 -4.15	61.36 1.21 -12.21

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	76.15 0.14 -30.61	144.97 0.18 -86.25	104.46 0.06 -62.19	104.02 0.06 -63.15	72.97 0.03 -36.38	72.86 0.10 -33.69	153.72 0.28 -100.40	88.58 0.20 -35.33	60.69 0.08 -15.48	60.74 0.12 -7.62	67.85 0.25 0.29	59.00 0.29 -15.20	126.85 0.72 -64.58	85.69 0.62 -42.41	97.24 0.52 -42.69	166.70 0.68 -91.81	240.43 0.60 -154.44	158.40 0.90 -95.75	51.27 0.56 -13.81	74.80 1.06 -1.61	124.53 0.97 -9.40	84.44 0.33 -27.10	63.05 0.20 -18.09	99.33 0.23 -51.15
GOUDEY___7 23579	76.15 0.14 -30.61	144.97 0.18 -86.25	104.46 0.06 -62.19	104.02 0.06 -63.15	72.97 0.03 -36.38	72.86 0.10 -33.69	153.72 0.28 -100.40	88.58 0.20 -35.33	60.69 0.08 -15.48	60.74 0.12 -7.62	67.85 0.25 0.29	59.00 0.29 -15.20	126.85 0.72 -64.58	85.69 0.62 -42.41	97.24 0.52 -42.69	166.70 0.68 -91.81	240.43 0.60 -154.44	158.40 0.90 -95.75	51.27 0.56 -13.81	74.80 1.06 -1.61	124.53 0.97 -9.40	84.44 0.33 -27.10	63.05 0.20 -18.09	99.33 0.23 -51.15
GOUDEY___8 23580	76.15 0.14 -30.61	144.97 0.18 -86.25	104.46 0.06 -62.19	104.02 0.06 -63.15	72.97 0.03 -36.38	72.86 0.10 -33.69	153.72 0.28 -100.40	88.58 0.20 -35.33	60.69 0.08 -15.48	60.74 0.12 -7.62	67.85 0.25 0.29	59.00 0.29 -15.20	126.85 0.72 -64.58	85.69 0.62 -42.41	97.24 0.52 -42.69	166.70 0.68 -91.81	240.43 0.60 -154.44	158.40 0.90 -95.75	51.27 0.56 -13.81	74.80 1.06 -1.61	124.53 0.97 -9.40	84.44 0.33 -27.10	63.05 0.20 -18.09	99.33 0.23 -51.15
GOWANUS_GT1_1 24077	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT1_2 24078	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT1_3 24079	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT1_4 24080	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT1_5 24084	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT1_6 24111	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT1_7 24112	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT1_8 24113	47.44 2.04 0.00	60.91 2.38 0.00	43.88 1.67 0.00	42.40 1.59 0.00	38.04 1.48 0.00	40.75 1.68 0.00	55.55 2.52 0.00	55.99 2.95 0.00	48.10 2.97 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.27 3.08 -12.68	94.55 4.54 -28.46	79.43 3.48 -33.29	91.35 4.19 -33.14	131.37 5.42 -51.73	123.39 5.46 -32.54	84.04 4.72 -17.57	52.39 3.24 -12.26	77.78 5.66 0.00	121.92 7.77 0.00	60.77 3.76 0.00	47.77 3.00 0.00	50.74 2.80 0.00
GOWANUS_GT2_1 24114	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
GOWANUS_GT2_2 24115	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
GOWANUS_GT2_3 24116	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
GOWANUS_GT2_4 24117	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00

GOWANUS_GT2_5 24118	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
GOWANUS_GT2_6 24119	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
GOWANUS_GT2_7 24120	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
GOWANUS_GT2_8 24121	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.52 5.59 -32.54	84.16 4.84 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
GOWANUS_GT3_1 24122	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT3_2 24123	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT3_3 24124	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT3_4 24125	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT3_5 24126	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT3_6 24127	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT3_7 24128	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT3_8 24129	47.45 2.05 0.00	61.00 2.47 0.00	43.89 1.68 0.00	42.43 1.62 0.00	38.07 1.51 0.00	40.79 1.72 0.00	55.61 2.58 0.00	56.03 2.99 0.00	48.11 2.99 0.00	61.27 3.54 -4.74	75.61 4.51 -3.20	59.29 3.09 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.36 4.19 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.15 4.83 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.79 3.02 0.00	50.80 2.86 0.00
GOWANUS_GT4_1 24130	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GOWANUS_GT4_2 24131	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GOWANUS_GT4_3 24132	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00

GOWANUS_GT4_4 24133	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GOWANUS_GT4_5 24134	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GOWANUS_GT4_6 24135	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GOWANUS_GT4_7 24136	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GOWANUS_GT4_8 24137	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.40 5.47 -32.54	84.05 4.72 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GREENBSH_115KV_TB3 55895	45.55 0.15 0.00	58.83 0.30 0.00	42.54 0.32 0.00	41.09 0.28 0.00	36.85 0.29 0.00	39.35 0.28 0.00	-2.33 0.11 55.47	41.82 0.07 11.29	29.85 0.35 15.63	39.44 0.30 13.84	59.06 0.26 9.10	40.82 0.20 2.90	64.08 0.38 -2.16	53.84 0.13 -11.05	62.09 0.17 -7.90	86.29 0.15 -11.92	92.66 -0.23 -7.50	66.02 0.22 -4.05	40.10 0.35 -2.85	72.34 0.21 0.00	114.18 0.02 0.00	57.04 0.03 0.00	44.86 0.09 0.00	48.02 0.08 0.00
GREENDGE_115KV_TB5 80291	20.70 -0.73 23.98	-9.89 -0.86 67.56	-7.39 -0.88 48.72	-9.44 -0.78 49.47	7.29 -0.78 28.50	11.91 -0.77 26.39	-25.12 -0.51 77.65	24.23 -0.78 28.04	32.77 -1.02 11.34	46.08 -1.33 5.58	67.31 -2.20 -1.62	43.62 -1.19 -1.30	20.89 -1.35 39.31	20.79 -0.47 21.39	33.96 -1.55 18.51	10.44 -1.78 62.00	-32.21 -0.80 116.79	-14.85 -0.75 75.85	34.24 -0.40 2.25	72.90 -0.98 -1.76	105.14 -1.83 7.18	35.37 -0.94 20.70	32.82 -0.93 11.02	-2.88 -0.77 50.06
GREENIDGE___3 23582	20.70 -0.73 23.98	-9.89 -0.86 67.56	-7.39 -0.88 48.72	-9.44 -0.78 49.47	7.29 -0.78 28.50	11.91 -0.77 26.39	-25.12 -0.51 77.65	24.23 -0.78 28.04	32.77 -1.02 11.34	46.08 -1.33 5.58	67.31 -2.20 -1.62	43.62 -1.19 -1.30	20.89 -1.35 39.31	20.79 -0.47 21.39	33.96 -1.55 18.51	10.44 -1.78 62.00	-32.21 -0.80 116.79	-14.85 -0.75 75.85	34.24 -0.40 2.25	72.90 -0.98 -1.76	105.14 -1.83 7.18	35.37 -0.94 20.70	32.82 -0.93 11.02	-2.88 -0.77 50.06
GREENIDGE___4 23583	21.41 -0.80 23.19	-9.65 -1.11 67.08	-7.19 -0.99 48.41	-9.32 -0.88 49.24	8.00 -0.83 27.73	11.97 -0.84 26.27	-25.31 -0.70 77.65	26.29 -0.82 25.93	32.74 -1.05 11.34	46.07 -1.34 5.58	67.32 -2.19 -1.62	43.54 -1.28 -1.30	20.70 -1.54 39.31	20.62 -0.65 21.39	33.79 -1.73 18.51	9.99 -2.23 62.00	-32.75 -1.35 116.79	-15.27 -1.17 75.85	34.21 -0.43 2.25	72.91 -0.98 -1.76	105.06 -1.92 7.18	35.44 -0.97 20.61	32.94 -0.97 10.86	-2.71 -0.90 49.74
GREENLWN_69_KV_BK 3 55738	47.70 2.30 0.00	61.02 2.48 0.00	44.10 1.88 0.00	42.59 1.79 0.00	38.11 1.55 0.00	40.73 1.66 0.00	55.45 2.42 0.00	55.77 2.72 0.00	48.33 3.20 0.00	60.89 3.21 -4.69	75.25 4.16 -3.19	59.11 2.95 -12.64	93.82 3.91 -28.37	78.88 3.03 -33.19	91.12 4.09 -33.01	130.52 4.77 -51.53	122.13 4.33 -32.41	83.26 4.01 -17.50	51.96 2.85 -12.21	77.21 5.08 0.00	121.41 7.25 0.00	60.54 3.53 0.00	47.51 2.75 0.00	50.71 2.77 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.44 5.51 -32.54	84.07 4.74 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00
GRISSOM___SOLAR 323813	47.46 2.05 0.00	61.12 2.59 0.00	44.00 1.79 0.00	42.52 1.71 0.00	38.11 1.55 0.00	40.78 1.71 0.00	63.22 2.38 -7.81	56.60 1.97 -1.59	49.39 2.03 -2.23	56.57 1.49 -2.09	70.87 1.10 -1.88	47.49 0.40 -3.57	69.75 0.44 -7.77	50.80 0.25 -7.89	56.04 1.41 -0.61	78.00 3.78 0.00	88.94 3.55 0.00	64.49 2.74 0.00	38.83 1.86 -0.08	75.87 3.74 0.00	120.18 6.02 0.00	60.04 3.03 0.00	47.06 2.29 0.00	50.25 2.31 0.00
GROVEVILLE___HYD 323602	47.77 2.37 0.00	61.36 2.83 0.00	44.19 1.97 0.00	42.67 1.86 0.00	38.26 1.70 0.00	41.01 1.94 0.00	55.89 2.86 0.00	56.27 3.22 0.00	48.33 3.20 0.00	58.28 3.84 -1.45	74.47 4.92 -1.66	54.39 3.17 -7.70	85.12 4.96 -18.62	68.03 3.59 -21.77	75.72 4.21 -17.48	106.37 5.43 -26.73	107.79 5.59 -16.81	75.55 4.72 -9.08	46.29 3.08 -6.31	77.50 5.38 0.00	121.77 7.61 0.00	60.56 3.55 0.00	47.53 2.76 0.00	50.59 2.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.44 -0.24 2.73	50.52 -0.32 7.70	36.40 -0.26 5.55	34.93 -0.24 5.64	33.08 -0.23 3.25	35.86 -0.20 3.01	44.03 -0.22 8.79	49.60 -0.39 3.05	43.40 -0.49 1.24	51.85 -0.53 0.61	67.29 -0.60 0.00	41.86 -0.25 1.40	55.68 -0.10 5.77	38.86 -0.01 3.79	50.09 -0.11 3.83	65.75 -0.23 8.23	71.38 -0.16 13.85	52.75 0.10 9.10	35.72 0.07 1.24	72.14 0.16 0.14	113.14 -0.17 0.84	54.30 -0.29 2.43	42.81 -0.34 1.62	41.85 -0.32 5.77
HAMLTNNY_34_KV_TB 80303	41.63 -0.17 3.61	48.16 -0.21 10.17	34.68 -0.20 7.33	33.19 -0.18 7.45	32.09 -0.18 4.29	34.96 -0.14 3.97	41.29 -0.13 11.62	48.63 -0.33 4.08	42.97 -0.51 1.65	51.58 -0.60 0.81	67.20 -0.69 0.00	41.42 -0.24 1.85	53.82 -0.11 7.62	37.68 0.02 5.00	48.88 -0.11 5.03	63.12 -0.27 10.82	67.15 -0.04 18.20	49.88 0.11 11.98	35.32 0.06 1.63	72.22 0.28 0.19	113.02 -0.03 1.11	53.58 -0.24 3.19	42.31 -0.33 2.13	40.07 -0.24 7.62

HAMPSHIRE___PAPER_HYD 323593	45.91 0.51 0.00	58.75 0.22 0.00	42.38 0.17 0.00	41.22 0.41 0.00	36.99 0.43 0.00	39.29 0.21 0.00	53.38 0.35 0.00	53.29 0.25 0.00	44.95 -0.18 0.00	53.15 0.16 0.00	68.19 0.30 0.00	43.06 -0.45 0.00	60.54 -1.01 0.00	42.11 -0.55 0.00	54.03 0.00 0.00	73.40 -0.81 0.00	84.74 -0.65 0.00	61.81 0.06 0.00	36.41 -0.48 0.00	72.13 0.01 0.00	115.14 0.98 0.00	58.11 1.09 0.00	46.01 1.25 0.00	48.79 0.85 0.00
HARDSCRABBLE_WT_PWR 323673	45.99 0.58 0.00	59.31 0.78 0.00	42.77 0.55 0.00	41.23 0.42 0.00	36.97 0.41 0.00	39.61 0.54 0.00	53.56 0.53 0.00	53.39 0.35 0.00	45.93 0.80 0.00	53.42 0.43 0.00	68.18 0.29 0.00	43.44 -0.07 0.00	61.44 -0.10 0.00	42.51 -0.14 0.00	54.46 0.43 0.00	75.85 1.64 0.00	85.12 -0.27 0.00	62.67 0.92 0.00	37.98 1.09 0.00	74.11 1.98 0.00	116.97 2.81 0.00	58.33 1.32 0.00	45.76 0.99 0.00	48.75 0.81 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.22 1.82 0.00	60.67 2.13 0.00	43.70 1.48 0.00	42.22 1.41 0.00	37.85 1.29 0.00	40.54 1.46 0.00	55.27 2.24 0.00	55.61 2.57 0.00	47.72 2.59 0.00	49.57 3.11 6.53	67.59 4.03 4.33	58.77 2.64 -12.62	128.81 4.33 -62.94	119.48 3.19 -73.63	143.45 4.08 -85.34	214.29 5.20 -134.88	175.68 5.45 -84.84	112.15 4.58 -45.81	71.73 2.96 -31.88	77.24 5.11 0.00	121.30 7.15 0.00	60.33 3.32 0.00	47.33 2.56 0.00	50.34 2.40 0.00
HARSNRAD_115KV_TB1 81005	29.02 -2.15 14.24	16.56 -1.85 40.13	11.80 -1.49 28.93	10.25 -1.18 29.38	18.13 -1.51 16.92	21.64 -1.76 15.67	5.23 -1.70 46.10	34.16 -2.28 16.61	35.59 -2.81 6.72	45.94 -3.75 3.31	62.72 -4.32 0.85	27.09 -2.23 14.19	21.66 -3.85 36.03	13.97 -2.83 25.86	23.16 -3.72 27.15	23.22 -4.54 46.46	10.88 -3.08 71.43	12.03 -1.86 47.86	24.13 -2.01 10.75	64.85 -4.94 2.33	100.89 -8.96 4.31	39.89 -4.72 12.40	31.52 -3.54 9.71	15.28 -2.67 29.98
HARZA MOOSE___RIVER 24016	46.13 0.73 0.00	59.03 0.49 0.00	42.58 0.36 0.00	41.42 0.61 0.00	37.18 0.62 0.00	39.54 0.47 0.00	53.68 0.65 0.00	53.56 0.52 0.00	45.32 0.19 0.00	53.51 0.51 0.00	68.66 0.76 0.00	43.49 -0.02 0.00	61.71 0.16 0.00	43.10 0.44 0.00	55.48 1.45 0.00	75.46 1.24 0.00	86.80 1.41 0.00	63.52 1.77 0.00	37.47 0.58 0.00	73.98 1.86 0.00	117.27 3.11 0.00	58.85 1.84 0.00	46.45 1.68 0.00	49.07 1.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.90 -0.51 0.00	57.94 -0.60 0.00	41.72 -0.49 0.00	40.36 -0.45 0.00	36.13 -0.43 0.00	38.64 -0.43 0.00	52.55 -0.49 0.00	52.40 -0.64 0.00	44.44 -0.69 0.00	52.26 -0.73 0.00	67.06 -0.84 0.00	43.09 -0.42 0.00	61.13 -0.42 0.00	42.42 -0.24 0.00	53.62 -0.40 0.00	73.65 -0.56 0.00	84.85 -0.53 0.00	61.62 -0.13 0.00	36.77 -0.12 0.00	71.83 -0.30 0.00	113.19 -0.97 0.00	56.38 -0.63 0.00	44.18 -0.59 0.00	47.35 -0.59 0.00
HELLGATE_13_KV_LD 55870	47.87 2.46 0.00	61.47 2.93 0.00	44.29 2.07 0.00	42.79 1.98 0.00	38.41 1.85 0.00	41.15 2.07 0.00	56.14 3.11 0.00	56.61 3.56 0.00	48.65 3.52 0.00	61.97 4.24 -4.74	76.47 5.37 -3.20	59.80 3.61 -12.68	95.37 5.37 -28.46	79.93 3.97 -33.29	91.98 4.81 -33.14	132.16 6.21 -51.73	124.34 6.41 -32.54	84.63 5.31 -17.57	52.69 3.53 -12.26	78.33 6.21 0.00	122.84 8.68 0.00	61.17 4.15 0.00	48.12 3.36 0.00	51.13 3.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.87 2.46 0.00	61.47 2.93 0.00	44.29 2.07 0.00	42.79 1.98 0.00	38.41 1.85 0.00	41.15 2.07 0.00	56.14 3.11 0.00	56.61 3.56 0.00	48.65 3.52 0.00	61.97 4.24 -4.74	76.47 5.37 -3.20	59.80 3.61 -12.68	95.37 5.37 -28.46	79.93 3.97 -33.29	91.98 4.81 -33.14	132.16 6.21 -51.73	124.34 6.41 -32.54	84.63 5.31 -17.57	52.69 3.53 -12.26	78.33 6.21 0.00	122.84 8.68 0.00	61.17 4.15 0.00	48.12 3.36 0.00	51.13 3.19 0.00
HEMPSTEAD____ 23647	47.82 2.42 0.00	61.33 2.79 0.00	44.16 1.94 0.00	42.66 1.85 0.00	38.22 1.66 0.00	40.93 1.86 0.00	55.76 2.73 0.00	56.14 3.09 0.00	48.46 3.33 0.00	61.31 3.63 -4.69	75.89 4.81 -3.19	59.37 3.21 -12.64	94.55 4.64 -28.37	79.28 3.43 -33.19	91.47 4.43 -33.01	131.23 5.48 -51.53	123.04 5.24 -32.41	83.85 4.60 -17.50	52.22 3.12 -12.21	77.60 5.47 0.00	121.94 7.78 0.00	60.71 3.70 0.00	47.71 2.94 0.00	50.89 2.95 0.00
HICKLING___1 23621	5.13 -1.15 39.13	-53.22 -1.50 110.26	-38.61 -1.32 79.50	-41.18 -1.25 80.73	-11.07 -1.12 46.51	-5.14 -1.15 43.07	-74.77 -1.04 126.77	6.07 -1.13 45.85	25.33 -1.25 18.54	42.46 -1.40 9.13	66.64 -1.86 -0.61	26.47 -1.11 15.93	-18.81 -1.37 78.99	-8.31 -0.62 50.35	3.37 -1.30 49.35	-40.71 -1.87 113.06	-110.27 -1.65 194.00	-66.93 -0.94 127.74	22.01 -0.59 14.29	70.13 -1.09 0.91	99.97 -2.35 11.84	21.55 -1.35 34.11	21.88 -1.16 21.73	-35.67 -1.11 82.49
HICKLING___2 23622	5.13 -1.15 39.13	-53.22 -1.50 110.26	-38.61 -1.32 79.50	-41.18 -1.25 80.73	-11.07 -1.12 46.51	-5.14 -1.15 43.07	-74.77 -1.04 126.77	6.07 -1.13 45.85	25.33 -1.25 18.54	42.46 -1.40 9.13	66.64 -1.86 -0.61	26.47 -1.11 15.93	-18.81 -1.37 78.99	-8.31 -0.62 50.35	3.37 -1.30 49.35	-40.71 -1.87 113.06	-110.27 -1.65 194.00	-66.93 -0.94 127.74	22.01 -0.59 14.29	70.13 -1.09 0.91	99.97 -2.35 11.84	21.55 -1.35 34.11	21.88 -1.16 21.73	-35.67 -1.11 82.49
HIGH FALLS___HY 23754	47.65 2.24 0.00	61.14 2.60 0.00	43.99 1.78 0.00	42.48 1.67 0.00	38.09 1.53 0.00	40.87 1.80 0.00	49.04 2.77 6.77	54.90 3.23 1.38	46.44 3.22 1.91	55.11 3.90 1.78	71.90 4.90 0.90	48.99 3.12 -2.36	75.26 5.19 -8.52	57.43 3.76 -11.01	59.27 4.39 -0.85	79.80 5.59 0.00	91.13 5.74 0.00	66.67 4.92 0.00	40.03 3.13 0.00	77.69 5.56 0.00	122.03 7.87 0.00	60.68 3.67 0.00	47.53 2.77 0.00	50.48 2.54 0.00
HIGH_RIVER___SOLAR 323847	46.81 1.41 0.00	60.37 1.83 0.00	43.52 1.30 0.00	42.03 1.23 0.00	37.68 1.12 0.00	40.32 1.25 0.00	62.95 1.70 -8.22	56.10 1.39 -1.67	48.76 1.29 -2.34	56.45 1.26 -2.19	70.67 0.78 -2.00	47.70 0.31 -3.87	70.38 0.37 -8.46	51.55 0.26 -8.63	55.54 0.84 -0.66	76.70 2.49 0.00	87.74 2.36 0.00	63.56 1.81 0.00	38.35 1.37 -0.09	74.80 2.67 0.00	118.28 4.12 0.00	59.06 2.05 0.00	46.33 1.56 0.00	49.55 1.61 0.00
HILLBURN___GT 23639	47.16 1.75 0.00	60.62 2.08 0.00	43.65 1.43 0.00	42.18 1.37 0.00	37.82 1.26 0.00	40.51 1.44 0.00	55.25 2.21 0.00	55.59 2.55 0.00	47.66 2.53 0.00	48.59 3.03 7.43	67.17 3.91 4.63	56.72 2.64 -10.58	123.14 4.22 -57.37	112.88 3.10 -67.11	131.80 3.93 -73.85	195.55 5.08 -116.25	163.80 5.29 -73.13	105.64 4.41 -39.48	67.23 2.83 -27.51	77.00 4.87 0.00	120.89 6.73 0.00	60.12 3.10 0.00	47.20 2.43 0.00	50.24 2.30 0.00
HILLSIDE_115KV_TB1 80332	-1.33 -1.71 45.02	-70.64 -2.30 126.88	-51.04 -1.77 91.49	-53.82 -1.72 92.90	-18.49 -1.53 53.52	-12.03 -1.54 49.56	-94.67 -1.82 145.88	-1.54 -1.82 52.77	22.00 -1.78 21.34	40.53 -1.95 10.50	65.80 -2.57 -0.47	22.50 -1.52 19.50	-32.17 -1.92 91.79	-17.26 -1.02 58.89	-5.71 -1.68 58.06	-59.28 -2.41 131.08	-141.46 -2.85 223.99	-87.50 -1.65 147.59	18.31 -0.92 17.66	68.94 -1.71 1.48	96.90 -3.60 13.66	15.71 -1.94 39.36	17.72 -1.58 25.47	-48.83 -1.60 95.16

HISHELDN_WT_PWR 323625	22.75 -2.22 20.44	0.89 -2.52 55.13	0.34 -2.18 39.69	-1.21 -1.83 40.19	10.55 -1.96 24.05	15.37 -2.27 21.43	-11.80 -2.28 62.56	25.06 -2.44 25.54	33.39 -2.61 9.13	45.10 -3.39 4.50	60.64 -4.29 2.97	4.66 -2.81 36.04	-4.71 -4.65 61.61	-8.46 -2.89 48.22	-2.78 -3.96 52.85	-3.18 -5.15 72.24	-17.12 -4.35 98.16	-8.30 -2.79 67.26	10.96 -2.00 23.92	61.50 -4.09 6.53	100.72 -7.60 5.85	36.02 -4.02 16.97	24.92 -3.21 16.64	4.03 -2.76 41.15
HOLTSVILLE_IC_1 23690	47.91 2.51 0.00	61.27 2.73 0.00	44.13 1.92 0.00	42.66 1.86 0.00	38.14 1.59 0.00	40.73 1.66 0.00	55.49 2.46 0.00	55.86 2.82 0.00	48.39 3.26 0.00	61.00 3.32 -4.69	75.39 4.31 -3.19	59.29 3.14 -12.64	94.03 4.12 -28.37	78.96 3.12 -33.19	91.28 4.24 -33.01	130.80 5.05 -51.53	122.40 4.60 -32.41	83.58 4.32 -17.50	52.24 3.13 -12.21	77.79 5.66 0.00	122.33 8.17 0.00	61.02 4.00 0.00	47.90 3.13 0.00	51.03 3.09 0.00
HOLTSVILLE_IC_10 23699	48.11 2.71 0.00	61.48 2.95 0.00	44.28 2.06 0.00	42.81 2.00 0.00	38.27 1.71 0.00	40.87 1.79 0.00	55.69 2.66 0.00	56.08 3.03 0.00	48.61 3.49 0.00	61.29 3.60 -4.69	75.80 4.71 -3.19	59.59 3.44 -12.64	94.43 4.52 -28.37	79.25 3.40 -33.19	91.64 4.60 -33.01	131.36 5.61 -51.53	122.98 5.17 -32.41	84.01 4.76 -17.50	52.51 3.41 -12.21	78.34 6.22 0.00	123.21 9.05 0.00	61.45 4.44 0.00	48.22 3.45 0.00	51.33 3.39 0.00
HOLTSVILLE_IC_2 23691	47.91 2.51 0.00	61.27 2.73 0.00	44.13 1.92 0.00	42.66 1.86 0.00	38.14 1.59 0.00	40.73 1.66 0.00	55.49 2.46 0.00	55.86 2.82 0.00	48.39 3.26 0.00	61.00 3.32 -4.69	75.39 4.31 -3.19	59.29 3.14 -12.64	94.03 4.12 -28.37	78.96 3.12 -33.19	91.28 4.24 -33.01	130.80 5.05 -51.53	122.40 4.60 -32.41	83.58 4.32 -17.50	52.24 3.13 -12.21	77.79 5.66 0.00	122.33 8.17 0.00	61.02 4.00 0.00	47.90 3.13 0.00	51.03 3.09 0.00
HOLTSVILLE_IC_3 23692	47.91 2.51 0.00	61.27 2.73 0.00	44.13 1.92 0.00	42.66 1.86 0.00	38.14 1.59 0.00	40.73 1.66 0.00	55.49 2.46 0.00	55.86 2.82 0.00	48.39 3.26 0.00	61.00 3.32 -4.69	75.39 4.31 -3.19	59.29 3.14 -12.64	94.03 4.12 -28.37	78.96 3.12 -33.19	91.28 4.24 -33.01	130.80 5.05 -51.53	122.40 4.60 -32.41	83.58 4.32 -17.50	52.24 3.13 -12.21	77.79 5.66 0.00	122.33 8.17 0.00	61.02 4.00 0.00	47.90 3.13 0.00	51.03 3.09 0.00
HOLTSVILLE_IC_4 23693	47.91 2.51 0.00	61.27 2.73 0.00	44.13 1.92 0.00	42.66 1.86 0.00	38.14 1.59 0.00	40.73 1.66 0.00	55.49 2.46 0.00	55.86 2.82 0.00	48.39 3.26 0.00	61.00 3.32 -4.69	75.39 4.31 -3.19	59.29 3.14 -12.64	94.03 4.12 -28.37	78.96 3.12 -33.19	91.28 4.24 -33.01	130.80 5.05 -51.53	122.40 4.60 -32.41	83.58 4.32 -17.50	52.24 3.13 -12.21	77.79 5.66 0.00	122.33 8.17 0.00	61.02 4.00 0.00	47.90 3.13 0.00	51.03 3.09 0.00
HOLTSVILLE_IC_5 23694	47.91 2.51 0.00	61.27 2.73 0.00	44.13 1.92 0.00	42.66 1.86 0.00	38.14 1.59 0.00	40.73 1.66 0.00	55.49 2.46 0.00	55.86 2.82 0.00	48.39 3.26 0.00	61.00 3.32 -4.69	75.39 4.31 -3.19	59.29 3.14 -12.64	94.03 4.12 -28.37	78.96 3.12 -33.19	91.28 4.24 -33.01	130.80 5.05 -51.53	122.40 4.60 -32.41	83.58 4.32 -17.50	52.24 3.13 -12.21	77.79 5.66 0.00	122.33 8.17 0.00	61.02 4.00 0.00	47.90 3.13 0.00	51.03 3.09 0.00
HOLTSVILLE_IC_6 23695	48.11 2.71 0.00	61.48 2.95 0.00	44.28 2.06 0.00	42.81 2.00 0.00	38.27 1.71 0.00	40.87 1.79 0.00	55.69 2.66 0.00	56.08 3.03 0.00	48.61 3.49 0.00	61.29 3.60 -4.69	75.80 4.71 -3.19	59.59 3.44 -12.64	94.43 4.52 -28.37	79.25 3.40 -33.19	91.64 4.60 -33.01	131.36 5.61 -51.53	122.98 5.17 -32.41	84.01 4.76 -17.50	52.51 3.41 -12.21	78.34 6.22 0.00	123.21 9.05 0.00	61.45 4.44 0.00	48.22 3.45 0.00	51.33 3.39 0.00
HOLTSVILLE_IC_7 23696	48.11 2.71 0.00	61.48 2.95 0.00	44.28 2.06 0.00	42.81 2.00 0.00	38.27 1.71 0.00	40.87 1.79 0.00	55.69 2.66 0.00	56.08 3.03 0.00	48.61 3.49 0.00	61.29 3.60 -4.69	75.80 4.71 -3.19	59.59 3.44 -12.64	94.43 4.52 -28.37	79.25 3.40 -33.19	91.64 4.60 -33.01	131.36 5.61 -51.53	122.98 5.17 -32.41	84.01 4.76 -17.50	52.51 3.41 -12.21	78.34 6.22 0.00	123.21 9.05 0.00	61.45 4.44 0.00	48.22 3.45 0.00	51.33 3.39 0.00
HOLTSVILLE_IC_8 23697	48.11 2.71 0.00	61.48 2.95 0.00	44.28 2.06 0.00	42.81 2.00 0.00	38.27 1.71 0.00	40.87 1.79 0.00	55.69 2.66 0.00	56.08 3.03 0.00	48.61 3.49 0.00	61.29 3.60 -4.69	75.80 4.71 -3.19	59.59 3.44 -12.64	94.43 4.52 -28.37	79.25 3.40 -33.19	91.64 4.60 -33.01	131.36 5.61 -51.53	122.98 5.17 -32.41	84.01 4.76 -17.50	52.51 3.41 -12.21	78.34 6.22 0.00	123.21 9.05 0.00	61.45 4.44 0.00	48.22 3.45 0.00	51.33 3.39 0.00
HOLTSVILLE_IC_9 23698	48.11 2.71 0.00	61.48 2.95 0.00	44.28 2.06 0.00	42.81 2.00 0.00	38.27 1.71 0.00	40.87 1.79 0.00	55.69 2.66 0.00	56.08 3.03 0.00	48.61 3.49 0.00	61.29 3.60 -4.69	75.80 4.71 -3.19	59.59 3.44 -12.64	94.43 4.52 -28.37	79.25 3.40 -33.19	91.64 4.60 -33.01	131.36 5.61 -51.53	122.98 5.17 -32.41	84.01 4.76 -17.50	52.51 3.41 -12.21	78.34 6.22 0.00	123.21 9.05 0.00	61.45 4.44 0.00	48.22 3.45 0.00	51.33 3.39 0.00
HOMER_HL_115KV_TB2 355744	24.02 -1.37 20.02	0.98 -1.14 56.42	0.39 -1.14 40.68	-1.37 -0.87 41.31	11.62 -1.14 23.80	15.82 -1.21 22.04	-13.09 -1.28 64.85	27.77 -1.87 23.41	33.46 -2.20 9.47	45.69 -2.64 4.66	64.59 -3.05 0.25	29.59 -1.77 12.16	14.73 -2.80 44.02	11.18 -2.00 29.48	21.66 -2.59 29.78	10.14 -3.62 60.45	-17.89 -3.60 99.67	-5.79 -1.50 66.04	25.50 -1.16 10.23	67.91 -2.70 1.52	102.71 -5.39 6.06	36.77 -2.80 17.45	30.59 -2.10 12.08	4.44 -1.33 42.17
HOWARD_WT_PWR 323690	17.64 -1.84 25.92	-16.98 -2.47 73.04	-13.14 -2.69 52.67	-15.02 -2.35 53.48	3.69 -2.07 30.81	8.30 -2.24 28.53	-32.79 -1.87 83.96	20.85 -1.86 30.33	31.15 -1.71 12.26	44.73 -2.22 6.04	68.28 -3.02 -3.40	56.19 -2.90 -15.58	25.99 -4.71 30.85	28.86 -2.69 11.10	44.42 -4.18 5.43	9.46 -5.94 58.81	-44.35 -4.25 125.50	-21.88 -3.50 80.13	40.73 -2.24 -6.08	72.33 -4.78 -4.98	99.24 -7.12 7.79	31.44 -3.13 22.45	33.34 -2.36 9.08	-8.67 -2.32 54.29
HQ_GEN_CEDARS 23644	45.81 0.41 0.00	58.99 0.46 0.00	42.58 0.36 0.00	41.18 0.37 0.00	36.87 0.31 0.00	39.31 0.24 0.00	53.38 0.35 0.00	53.50 0.45 0.00	45.29 0.16 0.00	53.22 0.23 0.00	68.16 0.26 0.00	43.57 0.06 0.00	61.01 -0.54 0.00	42.15 -0.52 0.00	53.51 -0.52 0.00	73.54 -0.68 0.00	85.11 -0.28 0.00	61.26 -0.49 0.00	36.42 -0.47 0.00	71.56 -0.56 0.00	114.04 -0.12 0.00	57.31 0.29 0.00	45.15 0.38 0.00	48.43 0.49 0.00
HQ_GEN_CEDARS_PROXY 323590	45.81 0.41 0.00	58.99 0.46 0.00	42.58 0.37 0.00	41.18 0.37 0.00	36.88 0.32 0.00	39.31 0.24 0.00	53.38 0.35 0.00	53.50 0.45 0.00	45.30 0.17 0.00	53.23 0.24 0.00	68.16 0.26 0.00	43.57 0.06 0.00	61.03 -0.51 0.00	42.17 -0.49 0.00	53.51 -0.52 0.00	73.58 -0.63 0.00	85.14 -0.25 0.00	61.29 -0.46 0.00	36.42 -0.47 0.00	71.56 -0.56 0.00	114.05 -0.11 0.00	57.31 0.29 0.00	45.16 0.39 0.00	48.43 0.49 0.00

HQ_GEN_CHPE_PROXY 323851	47.55 2.15 0.00	61.13 2.59 0.00	43.98 1.76 0.00	42.50 1.69 0.00	38.13 1.57 0.00	40.86 1.79 0.00	55.71 2.68 0.00	56.10 3.06 0.00	48.23 3.10 0.00	61.49 3.76 -4.74	75.91 4.81 -3.20	63.10 3.18 -16.40	94.93 4.89 -28.50	79.53 3.57 -33.30	91.54 4.38 -33.14	131.55 5.60 -51.73	110.26 5.83 -19.05	75.18 4.84 -8.60	52.47 3.21 -12.37	77.73 5.60 0.00	117.04 7.83 4.94	60.66 3.65 0.00	47.73 2.96 0.00	51.39 2.85 -0.60
HQ_GEN_IMPORT 323601	45.58 0.17 0.00	58.74 0.20 0.00	42.36 0.14 0.00	40.95 0.14 0.00	36.69 0.12 0.00	39.17 0.10 0.00	53.16 0.13 0.00	53.23 0.19 0.00	45.23 0.10 0.00	53.13 0.14 0.00	68.04 0.15 0.00	47.29 0.06 -3.72	61.43 -0.15 -0.04	42.52 -0.14 0.00	53.85 -0.18 0.00	74.06 -0.15 0.00	71.98 0.09 13.50	52.41 -0.36 8.97	36.69 -0.31 -0.11	71.80 -0.33 0.00	109.20 -0.02 4.94	57.14 0.12 0.00	44.88 0.12 0.00	48.71 0.17 -0.60
HQ_GEN_WHEEL 23651	45.58 0.17 0.00	58.74 0.20 0.00	42.36 0.14 0.00	40.95 0.14 0.00	36.69 0.12 0.00	39.17 0.10 0.00	53.16 0.13 0.00	53.23 0.19 0.00	45.23 0.10 0.00	53.13 0.14 0.00	68.04 0.15 0.00	47.29 0.06 -3.72	61.43 -0.15 -0.04	42.52 -0.14 0.00	53.85 -0.18 0.00	74.06 -0.15 0.00	71.98 0.09 13.50	52.41 -0.36 8.97	36.69 -0.31 -0.11	71.80 -0.33 0.00	109.20 -0.02 4.94	57.14 0.12 0.00	44.88 0.12 0.00	48.71 0.17 -0.60
HUDSON_AVE_GT_3 23810	47.68 2.28 0.00	61.23 2.69 0.00	44.10 1.88 0.00	42.61 1.80 0.00	38.22 1.66 0.00	40.95 1.87 0.00	55.85 2.81 0.00	56.27 3.22 0.00	48.38 3.25 0.00	61.70 3.97 -4.74	76.20 5.10 -3.20	59.53 3.33 -12.68	95.16 5.15 -28.47	79.70 3.75 -33.30	91.75 4.58 -33.14	131.86 5.91 -51.74	124.04 6.11 -32.55	84.33 5.01 -17.57	52.51 3.36 -12.26	78.02 5.90 0.00	122.42 8.27 0.00	60.89 3.87 0.00	47.89 3.12 0.00	50.92 2.98 0.00
HUDSON_AVE_GT_4 23540	47.68 2.28 0.00	61.23 2.69 0.00	44.10 1.88 0.00	42.61 1.80 0.00	38.22 1.66 0.00	40.95 1.87 0.00	55.85 2.81 0.00	56.27 3.22 0.00	48.38 3.25 0.00	61.70 3.97 -4.74	76.20 5.10 -3.20	59.53 3.33 -12.68	95.16 5.15 -28.47	79.70 3.75 -33.30	91.75 4.58 -33.14	131.86 5.91 -51.74	124.04 6.11 -32.55	84.33 5.01 -17.57	52.51 3.36 -12.26	78.02 5.90 0.00	122.42 8.27 0.00	60.89 3.87 0.00	47.89 3.12 0.00	50.92 2.98 0.00
HUDSON_AVE_GT_5 23657	47.68 2.28 0.00	61.23 2.69 0.00	44.10 1.88 0.00	42.61 1.80 0.00	38.22 1.66 0.00	40.95 1.87 0.00	55.85 2.81 0.00	56.27 3.22 0.00	48.38 3.25 0.00	61.70 3.97 -4.74	76.20 5.10 -3.20	59.53 3.33 -12.68	95.16 5.15 -28.47	79.70 3.75 -33.30	91.75 4.58 -33.14	131.86 5.91 -51.74	124.04 6.11 -32.55	84.33 5.01 -17.57	52.51 3.36 -12.26	78.02 5.90 0.00	122.42 8.27 0.00	60.89 3.87 0.00	47.89 3.12 0.00	50.92 2.98 0.00
HUDSON_AVE_10 24168	47.59 2.19 0.00	61.11 2.57 0.00	44.01 1.79 0.00	42.51 1.70 0.00	38.15 1.58 0.00	40.86 1.79 0.00	55.73 2.69 0.00	56.12 3.08 0.00	48.28 3.15 0.00	61.55 3.82 -4.74	75.95 4.86 -3.20	59.38 3.18 -12.68	94.92 4.91 -28.47	79.55 3.59 -33.30	91.56 4.39 -33.14	131.56 5.61 -51.74	123.69 5.76 -32.55	84.13 4.81 -17.57	52.38 3.23 -12.26	77.76 5.64 0.00	122.02 7.86 0.00	60.71 3.70 0.00	47.79 3.02 0.00	50.80 2.86 0.00
HUDSON___115KV_TB 4 355613	46.36 0.96 0.00	59.86 1.32 0.00	43.25 1.03 0.00	41.76 0.95 0.00	37.43 0.87 0.00	39.97 0.90 0.00	12.76 0.98 41.25	45.59 0.95 8.40	34.70 1.19 11.62	44.26 1.38 10.11	62.74 1.49 6.64	43.08 0.75 1.19	67.16 1.30 -4.31	54.61 0.57 -11.38	62.35 0.73 -7.59	87.21 1.63 -11.37	94.29 1.76 -7.15	67.01 1.40 -3.86	40.69 1.08 -2.73	73.79 1.66 0.00	116.60 2.45 0.00	58.18 1.17 0.00	45.70 0.93 0.00	48.95 1.01 0.00
HUNTER MOUNT___DRP 323613	46.45 1.04 0.00	59.97 1.43 0.00	43.32 1.10 0.00	41.83 1.02 0.00	37.47 0.91 0.00	39.99 0.92 0.00	20.90 1.01 33.14	47.29 0.99 6.75	37.05 1.25 9.34	46.48 1.47 7.98	64.21 1.57 5.25	44.10 0.76 0.17	68.60 1.31 -5.75	55.01 0.54 -11.82	62.15 0.76 -7.36	86.86 1.74 -10.91	94.18 1.93 -6.87	66.94 1.48 -3.70	40.62 1.11 -2.62	73.86 1.73 0.00	116.73 2.58 0.00	58.24 1.23 0.00	45.74 0.97 0.00	49.02 1.08 0.00
HUNTINGTON_RES_REC 323705	47.87 2.47 0.00	61.28 2.74 0.00	44.15 1.93 0.00	42.68 1.87 0.00	38.16 1.60 0.00	40.76 1.69 0.00	55.55 2.52 0.00	55.90 2.86 0.00	48.45 3.32 0.00	61.05 3.36 -4.69	75.47 4.38 -3.19	59.32 3.17 -12.64	94.10 4.19 -28.37	79.04 3.20 -33.19	91.35 4.31 -33.01	130.93 5.19 -51.53	122.55 4.75 -32.41	83.63 4.38 -17.50	52.21 3.10 -12.21	77.71 5.58 0.00	122.23 8.07 0.00	60.99 3.98 0.00	47.85 3.09 0.00	51.02 3.08 0.00
HUNTLEY___63 23557	28.47 -1.82 15.11	14.46 -1.50 42.58	10.23 -1.28 30.70	8.66 -0.96 31.18	17.27 -1.33 17.96	20.90 -1.55 16.63	2.69 -1.42 48.93	33.48 -1.92 17.64	35.47 -2.53 7.14	46.23 -3.26 3.51	63.12 -3.85 0.92	26.33 -2.04 15.14	19.71 -3.53 38.30	12.65 -2.51 27.50	21.83 -3.31 28.89	20.81 -4.06 49.35	7.06 -2.52 75.81	9.48 -1.47 50.81	23.65 -1.78 11.45	65.18 -4.45 2.49	101.24 -8.35 4.56	39.49 -4.41 13.12	31.19 -3.22 10.36	13.78 -2.34 31.83
HUNTLEY___64 23558	28.47 -1.82 15.11	14.46 -1.50 42.58	10.23 -1.28 30.70	8.66 -0.96 31.18	17.27 -1.33 17.96	20.90 -1.55 16.63	2.69 -1.42 48.93	33.48 -1.92 17.64	35.47 -2.53 7.14	46.23 -3.26 3.51	63.12 -3.85 0.92	26.33 -2.04 15.14	19.71 -3.53 38.30	12.65 -2.51 27.50	21.83 -3.31 28.89	20.81 -4.06 49.35	7.06 -2.52 75.81	9.48 -1.47 50.81	23.65 -1.78 11.45	65.18 -4.45 2.49	101.24 -8.35 4.56	39.49 -4.41 13.12	31.19 -3.22 10.36	13.78 -2.34 31.83
HUNTLEY___65 23559	28.47 -1.82 15.11	14.46 -1.50 42.58	10.23 -1.28 30.70	8.66 -0.96 31.18	17.27 -1.33 17.96	20.90 -1.55 16.63	2.69 -1.42 48.93	33.48 -1.92 17.64	35.47 -2.53 7.14	46.23 -3.26 3.51	63.12 -3.85 0.92	26.33 -2.04 15.14	19.71 -3.53 38.30	12.65 -2.51 27.50	21.83 -3.31 28.89	20.81 -4.06 49.35	7.06 -2.52 75.81	9.48 -1.47 50.81	23.65 -1.78 11.45	65.18 -4.45 2.49	101.24 -8.35 4.56	39.49 -4.41 13.12	31.19 -3.22 10.36	13.78 -2.34 31.83
HUNTLEY___66 23560	28.47 -1.82 15.11	14.46 -1.50 42.58	10.23 -1.28 30.70	8.66 -0.96 31.18	17.27 -1.33 17.96	20.90 -1.55 16.63	2.69 -1.42 48.93	33.48 -1.92 17.64	35.47 -2.53 7.14	46.23 -3.26 3.51	63.12 -3.85 0.92	26.33 -2.04 15.14	19.71 -3.53 38.30	12.65 -2.51 27.50	21.83 -3.31 28.89	20.81 -4.06 49.35	7.06 -2.52 75.81	9.48 -1.47 50.81	23.65 -1.78 11.45	65.18 -4.45 2.49	101.24 -8.35 4.56	39.49 -4.41 13.12	31.19 -3.22 10.36	13.78 -2.34 31.83
HUNTLEY___67 23561	27.57 -2.20 15.65	12.41 -2.04 44.09	8.77 -1.65 31.79	7.20 -1.33 32.28	16.34 -1.63 18.60	19.98 -1.87 17.22	0.48 -1.89 50.66	32.41 -2.36 18.27	34.93 -2.81 7.39	45.83 -3.52 3.64	62.63 -4.20 1.07	24.48 -2.38 16.66	17.02 -4.04 40.49	10.49 -2.84 29.33	19.37 -3.71 30.95	17.83 -4.69 51.69	3.40 -3.41 78.57	6.91 -2.08 52.76	22.37 -2.05 12.47	64.61 -4.72 2.80	100.78 -8.64 4.74	38.77 -4.59 13.65	30.28 -3.52 10.97	12.24 -2.74 32.95

HUNTLEY___68 23562	27.57 -2.20 15.65	12.41 -2.04 44.09	8.77 -1.65 31.79	7.20 -1.33 32.28	16.34 -1.63 18.60	19.98 -1.87 17.22	0.48 -1.89 50.66	32.41 -2.36 18.27	34.93 -2.81 7.39	45.83 -3.52 3.64	62.63 -4.20 1.07	24.48 -2.38 16.66	17.02 -4.04 40.49	10.49 -2.84 29.33	19.37 -3.71 30.95	17.83 -4.69 51.69	3.40 -3.41 78.57	6.91 -2.08 52.76	22.37 -2.05 12.47	64.61 -4.72 2.80	100.78 -8.64 4.74	38.77 -4.59 13.65	30.28 -3.52 10.97	12.24 -2.74 32.95
HYLAND___LFGE 323620	27.51 0.93 18.82	6.73 1.24 53.05	4.46 0.49 38.25	2.62 0.65 38.84	14.63 0.44 22.37	18.84 0.49 20.72	-6.38 1.54 60.96	32.25 1.20 22.00	36.41 0.17 8.90	47.93 -0.68 4.38	72.84 1.16 -3.79	66.99 0.83 -22.65	48.93 0.49 13.11	43.97 -0.22 -1.53	60.52 -1.18 -7.67	37.25 -0.77 36.20	-5.67 -0.46 90.60	4.95 -0.06 56.74	48.42 0.33 -11.20	79.81 1.61 -6.08	110.73 2.25 5.68	41.58 0.95 16.38	40.91 0.48 4.34	9.06 0.69 39.57
INDECK___CORINTH 23802	46.92 1.51 0.00	60.42 1.89 0.00	43.63 1.41 0.00	42.06 1.26 0.00	37.69 1.13 0.00	40.47 1.39 0.00	93.36 1.84 -38.49	62.66 1.78 -7.84	57.71 1.68 -10.90	64.89 1.70 -10.19	77.24 1.92 -7.43	52.61 1.27 -7.83	76.34 1.50 -13.30	53.00 0.70 -9.65	61.89 0.96 -6.90	86.19 1.56 -10.42	93.64 1.70 -6.56	66.99 1.70 -3.54	40.92 1.53 -2.50	75.04 2.92 0.00	118.63 4.47 0.00	59.27 2.25 0.00	46.43 1.66 0.00	49.84 1.89 0.00
INDECK___ILION 23567	45.80 0.40 0.00	59.04 0.50 0.00	42.58 0.37 0.00	41.10 0.28 0.00	36.85 0.29 0.00	39.45 0.38 0.00	53.43 0.40 0.00	53.32 0.28 0.00	45.64 0.51 0.00	53.32 0.32 0.00	68.16 0.27 0.00	43.56 0.05 0.00	61.68 0.13 0.00	42.72 0.06 0.00	54.45 0.42 0.00	75.36 1.14 0.00	85.56 0.17 0.00	62.51 0.76 0.00	37.62 0.73 0.00	73.42 1.29 0.00	115.98 1.83 0.00	57.87 0.86 0.00	45.41 0.64 0.00	48.49 0.55 0.00
INDECK___OLEAN 23982	21.14 -1.44 22.82	-1.11 -1.50 58.15	-0.84 -1.30 41.76	-2.36 -1.04 42.13	8.79 -1.25 26.52	15.27 -1.34 22.46	-13.36 -1.55 64.85	20.25 -1.96 30.83	33.39 -2.27 9.47	45.69 -2.65 4.66	64.56 -3.08 0.26	29.55 -1.81 12.16	14.50 -3.03 44.02	11.05 -2.13 29.48	21.54 -2.71 29.78	9.88 -3.88 60.45	-18.43 -4.14 99.68	-6.17 -1.88 66.04	25.45 -1.21 10.23	67.90 -2.71 1.52	102.55 -5.55 6.06	36.42 -2.82 17.77	29.90 -2.18 12.68	3.07 -1.55 43.31
INDECK___OSWEGO 23783	44.33 -1.08 0.00	57.10 -1.44 0.00	41.16 -1.05 0.00	39.83 -0.98 0.00	35.69 -0.88 0.00	38.13 -0.95 0.00	51.76 -1.27 0.00	51.59 -1.45 0.00	43.73 -1.40 0.00	51.44 -1.55 0.00	66.02 -1.87 0.00	42.27 -1.24 0.00	59.96 -1.58 0.00	41.67 -0.99 0.00	52.76 -1.27 0.00	72.26 -1.96 0.00	83.18 -2.21 0.00	60.48 -1.28 0.00	36.10 -0.79 0.00	70.61 -1.52 0.00	111.48 -2.67 0.00	55.60 -1.41 0.00	43.60 -1.16 0.00	46.67 -1.27 0.00
INDECK___YERKES 23781	26.52 -1.85 17.03	13.08 -1.69 43.77	9.39 -1.37 31.45	7.98 -1.08 31.74	15.31 -1.42 19.84	20.49 -1.66 16.92	2.52 -1.58 48.93	28.35 -1.96 22.73	35.44 -2.55 7.14	46.27 -3.21 3.51	63.21 -3.77 0.92	26.36 -2.01 15.14	19.51 -3.73 38.30	12.67 -2.49 27.50	21.81 -3.34 28.89	20.78 -4.08 49.35	6.82 -2.76 75.81	9.28 -1.66 50.81	23.66 -1.78 11.45	65.25 -4.39 2.49	101.19 -8.41 4.56	39.30 -4.37 13.34	30.75 -3.25 10.78	12.83 -2.50 32.61
INDIAN POINT_GT_1 24139	47.16 1.76 0.00	60.58 2.05 0.00	43.65 1.43 0.00	42.17 1.36 0.00	37.81 1.25 0.00	40.50 1.43 0.00	55.22 2.18 0.00	55.55 2.50 0.00	47.70 2.57 0.00	61.65 3.07 -5.59	75.28 3.97 -3.41	59.94 2.64 -13.79	96.96 4.15 -31.26	82.28 3.06 -36.56	94.81 3.81 -36.98	136.91 4.88 -57.82	126.69 4.93 -36.37	85.57 4.18 -19.64	53.37 2.78 -13.70	76.93 4.80 0.00	120.82 6.67 0.00	60.09 3.08 0.00	47.21 2.44 0.00	50.24 2.30 0.00
INDIAN POINT_GT_2 23659	47.16 1.76 0.00	60.58 2.05 0.00	43.65 1.43 0.00	42.17 1.36 0.00	37.81 1.25 0.00	40.50 1.43 0.00	55.22 2.18 0.00	55.55 2.50 0.00	47.70 2.57 0.00	61.65 3.07 -5.59	75.28 3.97 -3.41	59.94 2.64 -13.79	96.96 4.15 -31.26	82.28 3.06 -36.56	94.81 3.81 -36.98	136.91 4.88 -57.82	126.69 4.93 -36.37	85.57 4.18 -19.64	53.37 2.78 -13.70	76.93 4.80 0.00	120.82 6.67 0.00	60.09 3.08 0.00	47.21 2.44 0.00	50.24 2.30 0.00
INDIAN POINT_GT_3 24019	47.16 1.76 0.00	60.58 2.05 0.00	43.65 1.43 0.00	42.17 1.36 0.00	37.81 1.25 0.00	40.50 1.43 0.00	55.22 2.18 0.00	55.55 2.50 0.00	47.70 2.57 0.00	61.65 3.07 -5.59	75.28 3.97 -3.41	59.94 2.64 -13.79	96.96 4.15 -31.26	82.28 3.06 -36.56	94.81 3.81 -36.98	136.91 4.88 -57.82	126.69 4.93 -36.37	85.57 4.18 -19.64	53.37 2.78 -13.70	76.93 4.80 0.00	120.82 6.67 0.00	60.09 3.08 0.00	47.21 2.44 0.00	50.24 2.30 0.00
INDIAN POINT___2 23530	47.11 1.71 0.00	60.59 2.05 0.00	43.60 1.39 0.00	42.14 1.33 0.00	37.79 1.23 0.00	40.48 1.40 0.00	55.20 2.16 0.00	55.51 2.47 0.00	47.64 2.51 0.00	63.63 3.00 -7.63	75.87 3.84 -4.13	61.71 2.58 -15.61	99.85 4.10 -34.20	85.67 3.01 -40.00	98.89 3.76 -41.10	143.38 4.83 -64.34	130.81 4.95 -40.47	87.79 4.19 -21.85	54.87 2.74 -15.24	76.83 4.71 0.00	120.64 6.49 0.00	60.01 3.00 0.00	47.15 2.38 0.00	50.20 2.26 0.00
INDIAN POINT___3 23531	47.12 1.71 0.00	60.53 1.99 0.00	43.61 1.39 0.00	42.13 1.32 0.00	37.78 1.22 0.00	40.46 1.39 0.00	55.16 2.13 0.00	55.49 2.45 0.00	47.63 2.50 0.00	61.75 3.01 -5.76	75.23 3.87 -3.47	60.02 2.58 -13.93	97.10 4.09 -31.47	82.46 3.00 -36.81	95.00 3.72 -37.26	137.24 4.77 -58.25	126.85 4.82 -36.64	85.63 4.09 -19.79	53.41 2.72 -13.80	76.81 4.68 0.00	120.61 6.46 0.00	60.00 2.99 0.00	47.13 2.36 0.00	50.17 2.23 0.00
INDIANHD_69_KV_BK1 55831	48.00 2.60 0.00	61.27 2.73 0.00	44.23 2.02 0.00	42.74 1.93 0.00	38.21 1.65 0.00	40.80 1.73 0.00	55.58 2.55 0.00	55.93 2.88 0.00	48.54 3.41 0.00	61.20 3.51 -4.69	75.70 4.61 -3.19	59.49 3.33 -12.64	94.31 4.40 -28.37	79.19 3.35 -33.19	91.51 4.47 -33.01	131.18 5.43 -51.53	122.65 4.85 -32.41	83.80 4.55 -17.50	52.37 3.26 -12.21	78.04 5.91 0.00	122.77 8.61 0.00	61.24 4.23 0.00	48.05 3.28 0.00	51.15 3.21 0.00
INGHAM_C_115KV_TB7 356103	46.11 0.70 0.00	59.50 0.97 0.00	42.90 0.69 0.00	41.35 0.54 0.00	37.10 0.54 0.00	39.80 0.73 0.00	53.74 0.70 0.00	53.49 0.44 0.00	46.13 1.00 0.00	53.51 0.52 0.00	68.12 0.22 0.00	43.41 -0.10 0.00	61.40 -0.15 0.00	42.48 -0.18 0.00	54.56 0.54 0.00	76.33 2.12 0.00	85.31 -0.08 0.00	62.90 1.15 0.00	38.13 1.24 0.00	74.36 2.23 0.00	117.48 3.33 0.00	58.62 1.61 0.00	45.94 1.17 0.00	48.99 1.04 0.00
IP CORINTH___1 23988	47.15 1.74 0.00	60.71 2.17 0.00	43.83 1.62 0.00	42.26 1.45 0.00	37.88 1.31 0.00	40.66 1.59 0.00	93.62 2.10 -38.49	62.95 2.07 -7.84	57.96 1.93 -10.90	65.17 1.99 -10.19	77.63 2.31 -7.43	52.85 1.51 -7.83	76.69 1.84 -13.30	53.24 0.93 -9.65	62.18 1.25 -6.90	86.60 1.97 -10.42	94.09 2.15 -6.56	67.33 2.04 -3.54	41.12 1.74 -2.50	75.44 3.31 0.00	119.29 5.14 0.00	59.57 2.56 0.00	46.69 1.93 0.00	50.11 2.16 0.00

IP__TICONDEROGA 23804	49.92 4.52 0.00	63.79 5.26 0.00	46.07 3.85 0.00	44.29 3.49 0.00	39.65 3.09 0.00	42.79 3.72 0.00	99.92 4.95 -41.93	66.73 5.14 -8.54	60.97 3.97 -11.87	68.14 4.04 -11.10	81.73 5.80 -8.04	55.87 4.10 -8.26	80.43 5.09 -13.80	55.52 3.16 -9.70	64.79 3.82 -6.94	89.73 5.03 -10.49	98.74 6.76 -6.60	71.27 5.96 -3.56	43.56 4.16 -2.51	79.98 7.85 0.00	125.19 11.03 0.00	62.50 5.48 0.00	49.13 4.36 0.00	53.25 5.31 0.00
ISLIP_RES_REC 323679	48.31 2.90 0.00	61.74 3.20 0.00	44.44 2.23 0.00	42.96 2.15 0.00	38.41 1.85 0.00	41.02 1.95 0.00	55.93 2.89 0.00	56.34 3.29 0.00	48.87 3.74 0.00	61.62 3.94 -4.69	76.27 5.18 -3.19	59.89 3.74 -12.64	94.89 4.98 -28.37	79.56 3.72 -33.19	92.02 4.98 -33.01	131.91 6.16 -51.53	123.60 5.79 -32.41	84.45 5.20 -17.50	52.79 3.68 -12.21	78.86 6.73 0.00	124.00 9.85 0.00	61.84 4.82 0.00	48.50 3.73 0.00	51.59 3.65 0.00
JAMAICA__27_KV_LOAD 355505	47.91 2.50 0.00	61.48 2.95 0.00	44.27 2.05 0.00	42.76 1.95 0.00	38.39 1.83 0.00	41.13 2.06 0.00	56.12 3.08 0.00	56.52 3.48 0.00	48.60 3.47 0.00	61.85 4.12 -4.74	76.22 5.12 -3.20	59.55 3.35 -12.68	95.20 5.18 -28.47	79.73 3.78 -33.30	91.78 4.61 -33.14	131.89 5.94 -51.74	124.05 6.12 -32.55	84.45 5.13 -17.57	52.56 3.41 -12.26	78.08 5.96 0.00	122.55 8.39 0.00	61.03 4.02 0.00	48.15 3.38 0.00	51.15 3.21 0.00
JANIS__SOLAR 323808	49.23 0.86 -2.96	66.72 1.13 -7.04	47.84 0.57 -5.04	46.30 0.43 -5.06	40.30 0.34 -3.39	42.27 0.50 -2.70	61.97 1.22 -7.71	57.98 1.25 -3.69	46.96 0.68 -1.15	54.25 0.69 -0.57	69.07 0.94 -0.24	47.38 0.73 -3.15	69.62 1.42 -6.65	48.03 1.29 -4.08	57.81 1.59 -2.20	77.73 2.24 -1.27	87.46 1.89 -0.18	63.87 1.80 -0.33	39.48 1.29 -1.30	75.87 3.27 -0.47	117.93 3.77 0.00	58.63 1.55 -0.07	46.48 1.14 -0.57	49.42 1.23 -0.25
JARVIS____ 23743	45.49 0.08 0.00	58.65 0.12 0.00	42.30 0.08 0.00	40.89 0.08 0.00	36.64 0.07 0.00	39.16 0.08 0.00	53.14 0.11 0.00	53.15 0.11 0.00	45.23 0.10 0.00	53.08 0.09 0.00	68.01 0.12 0.00	43.57 0.07 0.00	61.72 0.18 0.00	42.79 0.13 0.00	54.24 0.22 0.00	74.56 0.35 0.00	85.59 0.21 0.00	62.11 0.36 0.00	37.14 0.25 0.00	72.55 0.42 0.00	114.63 0.47 0.00	57.23 0.22 0.00	44.92 0.16 0.00	48.07 0.13 0.00
JENNISON__1 23625	60.55 1.02 -14.13	99.71 1.37 -39.80	71.72 0.80 -28.70	70.60 0.65 -29.14	53.91 0.56 -16.79	55.34 0.72 -15.55	100.10 1.43 -45.64	69.45 1.52 -14.89	52.81 1.09 -6.59	57.43 1.19 -3.25	69.24 1.66 0.30	51.38 1.09 -6.77	93.32 1.98 -29.80	63.55 1.38 -19.51	75.35 1.83 -19.49	118.90 2.77 -41.92	157.81 1.91 -70.52	106.71 1.66 -43.29	44.51 1.32 -6.31	76.15 3.29 -0.74	120.53 2.08 -4.29	70.16 0.77 -12.37	53.61 0.58 -8.26	70.85 0.53 -22.38
JENNISON__2 23626	60.55 1.02 -14.13	99.71 1.37 -39.80	71.72 0.80 -28.70	70.60 0.65 -29.14	53.91 0.56 -16.79	55.34 0.72 -15.55	100.10 1.43 -45.64	69.45 1.52 -14.89	52.81 1.09 -6.59	57.43 1.19 -3.25	69.24 1.66 0.30	51.38 1.09 -6.77	93.32 1.98 -29.80	63.55 1.38 -19.51	75.35 1.83 -19.49	118.90 2.77 -41.92	157.81 1.91 -70.52	106.71 1.66 -43.29	44.51 1.32 -6.31	76.15 3.29 -0.74	120.53 2.08 -4.29	70.16 0.77 -12.37	53.61 0.58 -8.26	70.85 0.53 -22.38
JERICHO_RISE_WT_PWR 323719	45.33 -0.07 0.00	58.28 -0.26 0.00	42.00 -0.22 0.00	40.54 -0.27 0.00	36.36 -0.20 0.00	38.78 -0.29 0.00	52.48 -0.56 0.00	52.78 -0.27 0.00	44.78 -0.35 0.00	52.68 -0.31 0.00	67.25 -0.64 0.00	42.94 -0.57 0.00	59.79 -1.76 0.00	41.36 -1.30 0.00	52.47 -1.56 0.00	72.53 -1.69 0.00	84.64 -0.74 0.00	60.99 -0.76 0.00	36.21 -0.68 0.00	70.99 -1.14 0.00	112.78 -1.38 0.00	56.50 -0.52 0.00	44.48 -0.28 0.00	47.93 -0.01 0.00
KATONAH__115KV_46KV_TB4 355592	47.37 1.97 0.00	60.83 2.29 0.00	43.82 1.60 0.00	42.32 1.51 0.00	37.95 1.39 0.00	40.67 1.59 0.00	55.41 2.38 0.00	55.77 2.72 0.00	47.91 2.78 0.00	59.61 3.36 -3.26	74.89 4.34 -2.66	57.20 2.87 -10.82	90.59 4.42 -24.62	74.67 3.22 -28.80	85.54 3.97 -27.54	122.16 5.10 -42.85	117.52 5.18 -26.95	80.68 4.38 -14.55	49.97 2.92 -10.16	77.21 5.08 0.00	121.28 7.13 0.00	60.33 3.32 0.00	47.39 2.62 0.00	50.44 2.50 0.00
KCE_NY_1 323755	47.19 1.78 0.00	60.93 2.39 0.00	43.99 1.78 0.00	42.43 1.62 0.00	38.04 1.48 0.00	40.73 1.66 0.00	102.08 2.26 -46.78	64.77 2.20 -9.52	60.39 2.01 -13.24	67.58 2.20 -12.38	79.51 2.71 -8.90	54.04 1.67 -8.86	78.43 2.40 -14.49	53.85 1.42 -9.77	62.95 1.92 -7.00	87.59 2.80 -10.58	94.87 2.83 -6.65	67.85 2.51 -3.59	41.19 1.76 -2.53	75.42 3.29 0.00	119.19 5.04 0.00	59.52 2.51 0.00	46.63 1.86 0.00	50.01 2.08 0.00
KCE_NY_6_ESR 323823	24.69 -1.78 18.94	8.09 -1.79 48.65	5.80 -1.46 34.95	4.33 -1.20 35.28	13.05 -1.46 22.05	18.56 -1.71 18.81	-3.00 -1.65 54.38	25.82 -1.92 25.30	34.89 -2.31 7.94	46.24 -2.85 3.91	63.41 -3.37 1.11	23.98 -1.93 17.60	14.79 -3.54 43.21	9.08 -2.35 31.23	18.01 -3.09 32.92	14.95 -3.96 55.31	-1.73 -2.81 84.31	3.53 -1.64 56.58	22.10 -1.59 13.20	65.55 -3.63 2.94	101.95 -7.12 5.08	38.40 -3.73 14.88	29.66 -2.96 12.14	9.32 -2.36 36.25
KEDC_PORT_JEFF_GT2 24210	48.01 2.61 0.00	61.36 2.82 0.00	44.19 1.97 0.00	42.72 1.91 0.00	38.19 1.63 0.00	40.75 1.67 0.00	55.48 2.45 0.00	55.83 2.79 0.00	48.39 3.26 0.00	61.03 3.35 -4.69	75.46 4.37 -3.19	59.35 3.20 -12.64	94.12 4.21 -28.37	79.02 3.18 -33.19	91.25 4.21 -33.01	130.98 5.23 -51.53	122.15 4.35 -32.41	83.54 4.29 -17.50	52.30 3.20 -12.21	77.93 5.80 0.00	122.64 8.48 0.00	61.28 4.27 0.00	48.09 3.33 0.00	51.19 3.25 0.00
KEDC_PORT_JEFF_GT3 24211	48.01 2.61 0.00	61.36 2.82 0.00	44.19 1.97 0.00	42.72 1.91 0.00	38.19 1.63 0.00	40.75 1.67 0.00	55.48 2.45 0.00	55.83 2.79 0.00	48.39 3.26 0.00	61.03 3.35 -4.69	75.46 4.37 -3.19	59.35 3.20 -12.64	94.12 4.21 -28.37	79.02 3.18 -33.19	91.25 4.21 -33.01	130.98 5.23 -51.53	122.15 4.35 -32.41	83.54 4.29 -17.50	52.30 3.20 -12.21	77.93 5.80 0.00	122.64 8.48 0.00	61.28 4.27 0.00	48.09 3.33 0.00	51.19 3.25 0.00
KEDC_GLWD_GT4 24219	47.85 2.44 0.00	61.41 2.88 0.00	44.20 1.99 0.00	42.72 1.91 0.00	38.27 1.71 0.00	41.00 1.93 0.00	55.89 2.86 0.00	56.26 3.22 0.00	48.51 3.38 0.00	61.51 3.83 -4.69	76.15 5.07 -3.19	59.31 3.16 -12.64	94.87 4.95 -28.37	79.46 3.62 -33.19	91.46 4.42 -33.01	131.64 5.89 -51.53	123.26 5.46 -32.41	83.88 4.63 -17.50	52.21 3.10 -12.21	77.53 5.40 0.00	121.83 7.67 0.00	60.62 3.61 0.00	47.62 2.85 0.00	50.99 3.05 0.00
KEDC_GLWD_GT5 24220	47.85 2.44 0.00	61.41 2.88 0.00	44.20 1.99 0.00	42.72 1.91 0.00	38.27 1.71 0.00	41.00 1.93 0.00	55.89 2.86 0.00	56.26 3.22 0.00	48.51 3.38 0.00	61.51 3.83 -4.69	76.15 5.07 -3.19	59.31 3.16 -12.64	94.87 4.95 -28.37	79.46 3.62 -33.19	91.46 4.42 -33.01	131.64 5.89 -51.53	123.26 5.46 -32.41	83.88 4.63 -17.50	52.21 3.10 -12.21	77.53 5.40 0.00	121.83 7.67 0.00	60.62 3.61 0.00	47.62 2.85 0.00	50.99 3.05 0.00

KENSICO____ 23655	47.30 1.90 0.00	60.76 2.22 0.00	43.77 1.56 0.00	42.29 1.48 0.00	37.92 1.36 0.00	40.62 1.54 0.00	55.37 2.34 0.00	55.72 2.68 0.00	47.87 2.74 0.00	61.36 3.30 -5.07	75.44 4.26 -3.29	59.34 2.81 -13.01	95.13 4.39 -29.20	80.02 3.21 -34.15	92.12 3.97 -34.13	132.61 5.09 -53.30	124.06 5.14 -33.53	84.19 4.34 -18.11	52.42 2.90 -12.63	77.15 5.02 0.00	121.16 7.01 0.00	60.27 3.25 0.00	47.35 2.58 0.00	50.41 2.47 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.60 2.20 0.00	61.10 2.56 0.00	43.97 1.76 0.00	42.46 1.65 0.00	38.07 1.51 0.00	40.83 1.76 0.00	50.96 2.67 4.75	55.17 3.10 0.97	46.90 3.11 1.34	55.48 3.74 1.25	71.74 4.69 0.84	45.88 2.94 0.57	65.82 4.91 0.63	46.22 3.56 0.00	58.16 4.14 0.00	79.46 5.25 0.00	90.79 5.40 0.00	66.39 4.63 0.00	39.85 2.96 0.00	77.38 5.26 0.00	121.58 7.42 0.00	60.46 3.44 0.00	47.37 2.60 0.00	50.35 2.41 0.00
KIAC_JFK_GT1 23816	47.59 2.19 0.00	61.09 2.55 0.00	43.99 1.77 0.00	42.49 1.69 0.00	38.15 1.59 0.00	40.87 1.80 0.00	55.74 2.70 0.00	56.13 3.09 0.00	48.27 3.14 0.00	61.48 3.76 -4.74	75.72 4.63 -3.20	59.23 3.04 -12.68	94.75 4.74 -28.47	79.39 3.43 -33.30	91.22 4.05 -33.14	131.11 5.16 -51.74	123.14 5.20 -32.55	83.77 4.45 -17.57	52.16 3.01 -12.26	77.29 5.16 0.00	121.29 7.14 0.00	60.43 3.42 0.00	47.77 3.01 0.00	50.80 2.86 0.00
KIAC_JFK_GT2 23817	47.59 2.19 0.00	61.09 2.55 0.00	43.99 1.77 0.00	42.49 1.69 0.00	38.15 1.59 0.00	40.87 1.80 0.00	55.74 2.70 0.00	56.13 3.09 0.00	48.27 3.14 0.00	61.48 3.76 -4.74	75.72 4.63 -3.20	59.23 3.04 -12.68	94.75 4.74 -28.47	79.39 3.43 -33.30	91.22 4.05 -33.14	131.11 5.16 -51.74	123.14 5.20 -32.55	83.77 4.45 -17.57	52.16 3.01 -12.26	77.29 5.16 0.00	121.29 7.14 0.00	60.43 3.42 0.00	47.77 3.01 0.00	50.80 2.86 0.00
KIAC_JFK____ 323774	47.60 2.19 0.00	61.16 2.62 0.00	43.98 1.77 0.00	42.53 1.72 0.00	38.17 1.61 0.00	40.90 1.82 0.00	55.79 2.75 0.00	56.16 3.12 0.00	48.29 3.16 0.00	61.48 3.76 -4.74	75.73 4.63 -3.20	59.24 3.05 -12.68	94.76 4.75 -28.47	79.40 3.44 -33.30	91.23 4.07 -33.14	131.11 5.16 -51.74	123.22 5.29 -32.55	83.86 4.53 -17.57	52.17 3.02 -12.26	77.29 5.16 0.00	121.31 7.15 0.00	60.44 3.43 0.00	47.79 3.03 0.00	50.84 2.90 0.00
KINTIGH_24_KV_GSU 356498	29.83 -2.05 13.52	21.75 -2.08 34.71	15.68 -1.61 24.94	14.29 -1.34 25.17	19.27 -1.55 15.74	23.90 -1.75 13.42	12.35 -1.91 38.78	32.80 -2.20 18.04	36.93 -2.55 5.65	47.10 -3.11 2.78	63.78 -3.57 0.55	30.92 -2.08 10.51	28.82 -3.63 29.10	19.66 -2.50 20.49	29.37 -3.35 21.30	31.80 -4.21 38.21	22.08 -3.32 59.98	19.63 -2.08 40.04	26.93 -1.82 8.15	66.40 -4.09 1.64	102.86 -7.67 3.63	42.25 -4.13 10.64	33.28 -3.21 8.28	19.42 -2.67 25.85
KINTIGH____ 23543	31.40 -2.03 11.98	22.85 -1.93 33.76	16.36 -1.51 24.34	14.85 -1.24 24.72	20.84 -1.48 14.24	24.23 -1.66 13.18	12.48 -1.78 38.77	36.91 -2.17 13.96	36.95 -2.53 5.65	47.09 -3.12 2.78	63.72 -3.63 0.55	30.90 -2.10 10.51	28.95 -3.50 29.09	19.64 -2.53 20.49	29.40 -3.33 21.30	31.83 -4.17 38.21	22.25 -3.16 59.98	19.76 -1.94 40.04	26.93 -1.81 8.15	66.34 -4.14 1.64	102.89 -7.64 3.63	42.43 -4.13 10.46	33.62 -3.20 7.94	20.16 -2.57 25.22
KNTFSRNC_46_KV_46KV_LOAD 80397	46.06 0.65 0.00	59.21 0.68 0.00	42.67 0.46 0.00	41.16 0.35 0.00	36.90 0.34 0.00	39.41 0.33 0.00	53.35 0.32 0.00	53.60 0.55 0.00	45.25 0.12 0.00	53.20 0.21 0.00	67.87 -0.02 0.00	43.31 -0.20 0.00	60.36 -1.19 0.00	41.69 -0.97 0.00	53.12 -0.91 0.00	73.48 -0.73 0.00	85.81 0.42 0.00	62.17 0.42 0.00	36.96 0.07 0.00	72.34 0.22 0.00	114.65 0.50 0.00	57.33 0.31 0.00	45.18 0.41 0.00	48.71 0.77 0.00
LACHUTE____HYDRO 323717	49.93 4.52 0.00	63.80 5.26 0.00	46.08 3.86 0.00	44.30 3.49 0.00	39.65 3.09 0.00	42.80 3.72 0.00	99.93 4.96 -41.93	66.72 5.14 -8.54	60.96 3.96 -11.87	68.14 4.04 -11.10	81.72 5.79 -8.04	55.87 4.10 -8.26	80.42 5.08 -13.80	55.52 3.16 -9.70	64.79 3.81 -6.94	89.72 5.02 -10.49	98.73 6.75 -6.60	71.26 5.95 -3.56	43.56 4.16 -2.51	79.99 7.86 0.00	125.18 11.02 0.00	62.50 5.48 0.00	49.13 4.36 0.00	53.25 5.31 0.00
LAWRNCV_115KV_TB1 80681	45.83 0.42 0.00	58.93 0.40 0.00	42.53 0.31 0.00	41.18 0.37 0.00	36.89 0.33 0.00	39.30 0.23 0.00	53.42 0.38 0.00	53.45 0.41 0.00	45.09 -0.04 0.00	53.06 0.06 0.00	68.08 0.18 0.00	43.35 -0.17 0.00	60.34 -1.20 0.00	41.62 -1.04 0.00	52.90 -1.13 0.00	72.60 -1.61 0.00	84.06 -1.33 0.00	60.69 -1.07 0.00	36.00 -0.89 0.00	70.89 -1.24 0.00	113.47 -0.68 0.00	57.33 0.32 0.00	45.35 0.58 0.00	48.53 0.59 0.00
LEDERLE____ 23769	47.36 1.95 0.00	60.81 2.27 0.00	43.81 1.60 0.00	42.33 1.52 0.00	37.95 1.39 0.00	40.65 1.58 0.00	55.44 2.40 0.00	55.80 2.76 0.00	47.88 2.75 0.00	47.89 3.29 8.39	67.20 4.25 4.95	52.59 2.85 -6.23	110.10 4.54 -44.01	97.46 3.33 -51.48	112.90 4.21 -54.66	165.45 5.44 -85.79	144.98 5.63 -53.97	95.57 4.68 -29.14	60.22 3.01 -20.31	77.36 5.24 0.00	121.46 7.30 0.00	60.40 3.38 0.00	47.40 2.63 0.00	50.43 2.49 0.00
LIGHTHSE_115KV_TB6 355974	45.08 -0.32 0.00	57.87 -0.66 0.00	41.68 -0.53 0.00	40.48 -0.33 0.00	36.30 -0.26 0.00	38.66 -0.41 0.00	52.54 -0.49 0.00	52.33 -0.72 0.00	44.28 -0.85 0.00	52.27 -0.72 0.00	67.17 -0.73 0.00	42.64 -0.87 0.00	60.70 -0.84 0.00	42.37 -0.29 0.00	53.95 -0.07 0.00	73.19 -1.02 0.00	84.27 -1.12 0.00	61.66 -0.09 0.00	36.55 -0.34 0.00	72.07 -0.06 0.00	114.05 -0.10 0.00	57.03 0.02 0.00	44.77 0.00 0.00	47.69 -0.25 0.00
LINDEN COGEN____ 23786	47.40 2.00 0.00	60.94 2.40 0.00	43.85 1.63 0.00	42.38 1.57 0.00	38.02 1.45 0.00	40.74 1.67 0.00	55.53 2.50 0.00	55.92 2.87 0.00	48.05 2.92 0.00	61.24 3.51 -4.74	75.69 4.59 -3.20	59.23 3.03 -12.68	94.72 4.71 -28.47	79.41 3.45 -33.30	91.39 4.22 -33.14	131.40 5.44 -51.74	123.60 5.67 -32.55	84.04 4.72 -17.57	52.30 3.15 -12.26	77.61 5.48 0.00	121.73 7.58 0.00	60.58 3.56 0.00	47.67 2.90 0.00	50.72 2.78 0.00
LINDHRST_69_KV_BK1 356055	48.41 3.00 0.00	61.81 3.28 0.00	44.61 2.40 0.00	43.08 2.27 0.00	38.55 1.99 0.00	41.24 2.16 0.00	56.19 3.16 0.00	56.54 3.50 0.00	49.00 3.87 0.00	61.77 4.08 -4.69	76.50 5.42 -3.19	59.89 3.74 -12.64	94.98 5.07 -28.37	79.65 3.80 -33.19	92.08 5.05 -33.01	131.88 6.13 -51.53	123.73 5.94 -32.41	84.49 5.24 -17.50	52.73 3.63 -12.21	78.64 6.52 0.00	123.67 9.51 0.00	61.63 4.62 0.00	48.40 3.63 0.00	51.48 3.54 0.00
LIPA_MISC_IPP 23656	47.78 2.37 0.00	60.85 2.31 0.00	43.92 1.71 0.00	42.47 1.66 0.00	37.95 1.39 0.00	40.51 1.43 0.00	55.17 2.14 0.00	55.51 2.47 0.00	48.17 3.04 0.00	60.78 3.10 -4.69	75.16 4.08 -3.19	59.18 3.03 -12.64	93.87 3.95 -28.37	78.86 3.02 -33.19	91.13 4.10 -33.01	130.62 4.87 -51.53	122.06 4.26 -32.41	83.39 4.14 -17.50	52.18 3.07 -12.21	77.72 5.59 0.00	122.19 8.03 0.00	60.92 3.91 0.00	47.82 3.05 0.00	50.89 2.95 0.00

LISF___SOLAR 323691	47.88 2.48 0.00	61.10 2.57 0.00	44.00 1.78 0.00	42.56 1.75 0.00	38.03 1.47 0.00	40.61 1.54 0.00	55.34 2.31 0.00	55.72 2.67 0.00	48.30 3.17 0.00	60.89 3.21 -4.69	75.26 4.17 -3.19	59.29 3.14 -12.64	94.03 4.12 -28.37	78.96 3.12 -33.19	91.30 4.26 -33.01	130.85 5.10 -51.53	122.47 4.67 -32.41	83.65 4.40 -17.50	52.30 3.19 -12.21	77.93 5.81 0.00	122.53 8.37 0.00	61.10 4.08 0.00	47.96 3.19 0.00	51.05 3.11 0.00
LITTLE FALLS___HYD 24013	46.11 0.70 0.00	59.50 0.97 0.00	42.90 0.69 0.00	41.35 0.54 0.00	37.10 0.54 0.00	39.80 0.73 0.00	53.74 0.70 0.00	53.49 0.44 0.00	46.13 1.00 0.00	53.51 0.52 0.00	68.12 0.22 0.00	43.41 -0.10 0.00	61.40 -0.15 0.00	42.48 -0.18 0.00	54.56 0.54 0.00	76.33 2.12 0.00	85.31 -0.08 0.00	62.90 1.15 0.00	38.13 1.24 0.00	74.36 2.23 0.00	117.48 3.33 0.00	58.62 1.61 0.00	45.94 1.17 0.00	48.99 1.04 0.00
LITTLRIV_115KV_TB1 356100	46.39 0.99 0.00	59.66 1.13 0.00	43.06 0.85 0.00	41.72 0.91 0.00	37.39 0.83 0.00	39.84 0.76 0.00	54.19 1.15 0.00	54.09 1.04 0.00	45.35 0.23 0.00	53.37 0.38 0.00	68.70 0.81 0.00	43.71 0.20 0.00	60.59 -0.95 0.00	42.00 -0.65 0.00	53.44 -0.59 0.00	73.42 -0.79 0.00	84.64 -0.74 0.00	61.38 -0.38 0.00	36.43 -0.46 0.00	71.81 -0.32 0.00	115.14 0.98 0.00	58.19 1.18 0.00	46.00 1.23 0.00	49.23 1.29 0.00
LI_NEWBRDGE___DRP 323616	47.57 2.16 0.00	60.87 2.34 0.00	43.94 1.72 0.00	42.44 1.63 0.00	37.99 1.43 0.00	40.65 1.57 0.00	55.37 2.33 0.00	55.70 2.65 0.00	48.17 3.05 0.00	60.92 3.23 -4.69	75.35 4.27 -3.19	59.08 2.93 -12.64	93.98 4.07 -28.37	78.94 3.09 -33.19	91.12 4.08 -33.01	130.61 4.86 -51.53	122.32 4.52 -32.41	83.36 4.11 -17.50	51.99 2.89 -12.21	77.15 5.03 0.00	121.32 7.16 0.00	60.43 3.42 0.00	47.47 2.70 0.00	50.61 2.67 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.28 -2.08 14.04	17.23 -1.74 39.57	12.27 -1.41 28.53	10.73 -1.11 28.97	18.43 -1.44 16.69	21.93 -1.69 15.46	5.97 -1.60 45.46	34.47 -2.20 16.38	35.74 -2.76 6.63	45.99 -3.74 3.26	62.86 -4.24 0.79	27.81 -2.12 13.58	22.69 -3.67 35.18	14.78 -2.75 25.13	24.10 -3.61 26.33	24.31 -4.35 45.56	12.12 -2.85 70.41	12.93 -1.69 47.13	24.63 -1.92 10.34	65.04 -4.88 2.21	101.09 -8.82 4.25	40.14 -4.65 12.23	31.82 -3.47 9.48	15.80 -2.57 29.57
LOCKPORT___CC1 323769	27.23 -2.21 15.97	15.27 -2.07 41.19	11.00 -1.62 29.60	9.59 -1.33 29.89	16.33 -1.62 18.61	21.24 -1.90 15.93	5.03 -1.90 46.10	29.51 -2.34 21.19	35.54 -2.86 6.72	45.93 -3.76 3.31	62.76 -4.27 0.85	27.08 -2.24 14.19	21.48 -4.03 36.04	13.95 -2.85 25.86	23.10 -3.78 27.15	23.14 -4.61 46.46	10.59 -3.36 71.43	11.79 -2.10 47.86	24.12 -2.03 10.75	64.85 -4.95 2.33	100.71 -9.13 4.31	39.66 -4.75 12.60	31.09 -3.60 10.08	14.38 -2.87 30.69
LOCKPORT___CC2 323770	27.23 -2.21 15.97	15.27 -2.07 41.19	11.00 -1.62 29.60	9.59 -1.33 29.89	16.33 -1.62 18.61	21.24 -1.90 15.93	5.03 -1.90 46.10	29.51 -2.34 21.19	35.54 -2.86 6.72	45.93 -3.76 3.31	62.76 -4.27 0.85	27.08 -2.24 14.19	21.48 -4.03 36.04	13.95 -2.85 25.86	23.10 -3.78 27.15	23.14 -4.61 46.46	10.59 -3.36 71.43	11.79 -2.10 47.86	24.12 -2.03 10.75	64.85 -4.95 2.33	100.71 -9.13 4.31	39.66 -4.75 12.60	31.09 -3.60 10.08	14.38 -2.87 30.69
LOCKPORT___CC3 323771	27.23 -2.21 15.97	15.27 -2.07 41.19	11.00 -1.62 29.60	9.59 -1.33 29.89	16.33 -1.62 18.61	21.24 -1.90 15.93	5.03 -1.90 46.10	29.51 -2.34 21.19	35.54 -2.86 6.72	45.93 -3.76 3.31	62.76 -4.27 0.85	27.08 -2.24 14.19	21.48 -4.03 36.04	13.95 -2.85 25.86	23.10 -3.78 27.15	23.14 -4.61 46.46	10.59 -3.36 71.43	11.79 -2.10 47.86	24.12 -2.03 10.75	64.85 -4.95 2.33	100.71 -9.13 4.31	39.66 -4.75 12.60	31.09 -3.60 10.08	14.38 -2.87 30.69
LOCUSVLY_69_KV_BK2 55797	48.01 2.60 0.00	61.41 2.87 0.00	44.31 2.10 0.00	42.80 1.99 0.00	38.32 1.76 0.00	41.04 1.97 0.00	55.93 2.90 0.00	56.31 3.26 0.00	48.63 3.51 0.00	61.57 3.88 -4.69	76.25 5.16 -3.19	59.54 3.39 -12.64	94.83 4.92 -28.37	79.57 3.73 -33.19	91.73 4.70 -33.01	131.74 5.99 -51.53	123.51 5.71 -32.41	84.08 4.83 -17.50	52.40 3.29 -12.21	77.93 5.80 0.00	122.45 8.29 0.00	60.99 3.97 0.00	47.89 3.13 0.00	51.10 3.16 0.00
LONG_LAKE_PHOENIX 24014	44.58 -0.82 0.00	57.49 -1.05 0.00	41.42 -0.79 0.00	40.08 -0.73 0.00	35.87 -0.69 0.00	38.36 -0.72 0.00	52.12 -0.91 0.00	51.94 -1.10 0.00	44.01 -1.12 0.00	51.72 -1.27 0.00	66.43 -1.46 0.00	42.58 -0.93 0.00	60.45 -1.09 0.00	41.96 -0.70 0.00	53.08 -0.94 0.00	72.79 -1.42 0.00	83.78 -1.60 0.00	60.96 -0.79 0.00	36.39 -0.50 0.00	71.19 -0.94 0.00	112.25 -1.91 0.00	55.94 -1.07 0.00	43.83 -0.94 0.00	46.96 -0.98 0.00
LOVETT___3 23632	47.06 1.66 0.00	60.46 1.93 0.00	43.57 1.35 0.00	42.09 1.28 0.00	37.73 1.17 0.00	40.42 1.35 0.00	55.11 2.07 0.00	55.43 2.39 0.00	47.56 2.43 0.00	46.99 2.91 8.92	66.55 3.77 5.11	50.40 2.51 -4.38	104.03 4.01 -38.48	90.63 2.96 -45.01	104.70 3.69 -46.98	152.59 4.74 -73.64	136.51 4.81 -46.32	90.83 4.07 -25.01	57.02 2.69 -17.44	76.76 4.63 0.00	120.50 6.34 0.00	59.95 2.93 0.00	47.08 2.31 0.00	50.11 2.17 0.00
LOVETT___4 23642	47.06 1.66 0.00	60.46 1.93 0.00	43.57 1.35 0.00	42.09 1.28 0.00	37.73 1.17 0.00	40.42 1.35 0.00	55.11 2.07 0.00	55.43 2.39 0.00	47.56 2.43 0.00	46.99 2.91 8.92	66.55 3.77 5.11	50.40 2.51 -4.38	104.03 4.01 -38.48	90.63 2.96 -45.01	104.70 3.69 -46.98	152.59 4.74 -73.64	136.51 4.81 -46.32	90.83 4.07 -25.01	57.02 2.69 -17.44	76.76 4.63 0.00	120.50 6.34 0.00	59.95 2.93 0.00	47.08 2.31 0.00	50.11 2.17 0.00
LOVETT___5 23593	47.06 1.66 0.00	60.46 1.93 0.00	43.57 1.35 0.00	42.09 1.28 0.00	37.73 1.17 0.00	40.42 1.35 0.00	55.11 2.07 0.00	55.43 2.39 0.00	47.56 2.43 0.00	46.99 2.91 8.92	66.55 3.77 5.11	50.40 2.51 -4.38	104.03 4.01 -38.48	90.63 2.96 -45.01	104.70 3.69 -46.98	152.59 4.74 -73.64	136.51 4.81 -46.32	90.83 4.07 -25.01	57.02 2.69 -17.44	76.76 4.63 0.00	120.50 6.34 0.00	59.95 2.93 0.00	47.08 2.31 0.00	50.11 2.17 0.00
LOWER RAQUET___HYD 24057	45.84 0.43 0.00	58.93 0.39 0.00	42.52 0.30 0.00	41.18 0.37 0.00	36.90 0.34 0.00	39.30 0.23 0.00	53.43 0.39 0.00	53.43 0.38 0.00	45.02 -0.11 0.00	53.01 0.01 0.00	68.05 0.16 0.00	43.27 -0.24 0.00	60.16 -1.38 0.00	41.46 -1.20 0.00	52.72 -1.30 0.00	72.36 -1.85 0.00	83.76 -1.63 0.00	60.53 -1.23 0.00	35.88 -1.02 0.00	70.70 -1.43 0.00	113.32 -0.84 0.00	57.34 0.33 0.00	45.40 0.63 0.00	48.58 0.63 0.00
LOWER___HUDSON 24059	46.49 1.08 0.00	60.18 1.65 0.00	43.50 1.28 0.00	41.95 1.15 0.00	37.59 1.03 0.00	40.26 1.18 0.00	155.98 1.47 -101.47	75.18 1.47 -20.66	75.25 1.43 -28.69	82.06 1.51 -27.55	88.39 1.86 -18.63	60.39 1.24 -15.64	85.64 1.79 -22.30	54.08 0.91 -10.51	62.82 1.15 -7.63	87.29 1.54 -11.55	93.97 1.32 -7.26	67.08 1.41 -3.92	40.70 1.05 -2.77	73.85 1.72 0.00	116.84 2.68 0.00	58.39 1.37 0.00	45.81 1.04 0.00	49.16 1.22 0.00

LOWVILLE_115KV_TB2 356335	45.98 0.57 0.00	58.59 0.06 0.00	42.28 0.07 0.00	41.29 0.48 0.00	37.10 0.54 0.00	39.29 0.22 0.00	53.34 0.30 0.00	53.19 0.15 0.00	44.96 -0.17 0.00	53.31 0.32 0.00	68.32 0.42 0.00	42.93 -0.58 0.00	60.91 -0.63 0.00	42.70 0.04 0.00	55.38 1.36 0.00	74.79 0.57 0.00	86.13 0.74 0.00	63.24 1.49 0.00	37.05 0.16 0.00	73.47 1.34 0.00	116.75 2.59 0.00	58.85 1.83 0.00	46.65 1.89 0.00	48.97 1.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.13 1.73 0.00	60.86 2.32 0.00	43.94 1.72 0.00	42.39 1.58 0.00	38.00 1.44 0.00	40.71 1.64 0.00	101.98 2.17 -46.78	64.70 2.13 -9.52	60.34 1.97 -13.24	67.55 2.17 -12.38	79.44 2.65 -8.90	54.02 1.65 -8.86	78.34 2.30 -14.49	53.80 1.38 -9.77	62.86 1.83 -7.00	87.52 2.73 -10.58	94.83 2.79 -6.65	67.77 2.43 -3.59	41.14 1.72 -2.53	75.33 3.20 0.00	119.05 4.89 0.00	59.46 2.45 0.00	46.61 1.84 0.00	49.96 2.02 0.00
LUTHERNY_35_KV_BK2 355980	47.18 1.78 0.00	60.92 2.38 0.00	43.98 1.77 0.00	42.42 1.61 0.00	38.03 1.47 0.00	40.71 1.64 0.00	102.04 2.23 -46.78	64.76 2.20 -9.52	60.39 2.02 -13.24	67.58 2.20 -12.38	79.51 2.71 -8.90	54.04 1.67 -8.86	78.42 2.39 -14.49	53.84 1.42 -9.77	62.93 1.90 -7.00	87.59 2.80 -10.58	94.85 2.81 -6.65	67.83 2.49 -3.59	41.19 1.76 -2.53	75.42 3.30 0.00	119.16 5.01 0.00	59.52 2.51 0.00	46.63 1.86 0.00	50.00 2.07 0.00
LWR___OSWEGATCHIE_HYD 23850	45.92 0.51 0.00	58.75 0.22 0.00	42.39 0.17 0.00	41.22 0.41 0.00	37.00 0.43 0.00	39.29 0.21 0.00	53.38 0.35 0.00	53.30 0.25 0.00	44.95 -0.18 0.00	53.14 0.15 0.00	68.19 0.30 0.00	43.06 -0.45 0.00	60.53 -1.02 0.00	42.10 -0.57 0.00	54.03 0.00 0.00	73.39 -0.83 0.00	84.73 -0.66 0.00	61.81 0.06 0.00	36.41 -0.48 0.00	72.13 0.01 0.00	115.13 0.97 0.00	58.11 1.09 0.00	46.02 1.25 0.00	48.80 0.86 0.00
LYONS_FALL_HYD 23570	46.12 0.71 0.00	59.00 0.47 0.00	42.57 0.35 0.00	41.41 0.60 0.00	37.17 0.61 0.00	39.53 0.46 0.00	53.68 0.64 0.00	53.55 0.51 0.00	45.32 0.19 0.00	53.51 0.51 0.00	68.66 0.76 0.00	43.49 -0.02 0.00	61.70 0.16 0.00	43.10 0.44 0.00	55.47 1.45 0.00	75.46 1.24 0.00	86.75 1.36 0.00	63.49 1.74 0.00	37.47 0.58 0.00	73.98 1.85 0.00	117.27 3.11 0.00	58.84 1.83 0.00	46.44 1.67 0.00	49.06 1.12 0.00
MADISON___COUNTY_LFGE 323628	46.36 0.95 0.00	59.65 1.12 0.00	42.98 0.76 0.00	41.58 0.77 0.00	37.27 0.71 0.00	39.89 0.81 0.00	54.21 1.18 0.00	54.08 1.04 0.00	45.68 0.55 0.00	53.63 0.64 0.00	68.95 1.06 0.00	44.22 0.70 0.00	62.86 1.31 0.00	43.68 1.02 0.00	55.67 1.64 0.00	76.47 2.26 0.00	87.63 2.25 0.00	63.97 2.22 0.00	37.97 1.08 0.00	74.77 2.64 0.00	118.08 3.92 0.00	58.91 1.90 0.00	46.18 1.41 0.00	49.29 1.35 0.00
MALONE___115KV_TB1 356076	45.88 0.48 0.00	58.94 0.40 0.00	42.49 0.27 0.00	41.05 0.24 0.00	36.80 0.24 0.00	39.24 0.16 0.00	53.22 0.19 0.00	53.48 0.43 0.00	45.23 0.11 0.00	53.16 0.17 0.00	68.00 0.11 0.00	43.38 -0.13 0.00	60.46 -1.09 0.00	41.66 -1.00 0.00	52.99 -1.03 0.00	73.12 -1.10 0.00	85.41 0.03 0.00	61.61 -0.14 0.00	36.58 -0.31 0.00	71.83 -0.30 0.00	114.26 0.10 0.00	57.33 0.32 0.00	45.24 0.47 0.00	48.60 0.66 0.00
MAPLEWOD_115KV_TB3 80458	46.19 0.79 0.00	59.68 1.14 0.00	43.13 0.92 0.00	41.64 0.83 0.00	37.33 0.77 0.00	39.93 0.86 0.00	-1.88 0.95 55.86	42.55 0.88 11.37	30.43 1.04 15.74	40.15 1.11 13.95	60.03 1.31 9.17	41.38 0.86 2.99	64.79 1.31 -1.94	54.29 0.78 -10.85	62.88 1.01 -7.84	87.46 1.39 -11.85	94.02 1.18 -7.45	67.00 1.23 -4.02	40.65 0.92 -2.84	73.56 1.44 0.00	116.20 2.05 0.00	58.05 1.04 0.00	45.59 0.82 0.00	48.79 0.85 0.00
MAPLE_RIDGE_WT_1 323574	44.74 -0.67 0.00	57.43 -1.11 0.00	41.47 -0.75 0.00	40.22 -0.59 0.00	36.11 -0.45 0.00	38.41 -0.66 0.00	52.03 -1.00 0.00	52.22 -0.82 0.00	44.47 -0.66 0.00	52.47 -0.53 0.00	67.23 -0.66 0.00	42.71 -0.80 0.00	60.11 -1.43 0.00	41.79 -0.87 0.00	53.46 -0.57 0.00	73.29 -0.92 0.00	84.81 -0.58 0.00	61.23 -0.52 0.00	36.28 -0.61 0.00	70.80 -1.33 0.00	112.44 -1.71 0.00	56.21 -0.81 0.00	44.38 -0.39 0.00	47.29 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	44.74 -0.67 0.00	57.43 -1.11 0.00	41.47 -0.75 0.00	40.22 -0.59 0.00	36.11 -0.45 0.00	38.41 -0.66 0.00	52.03 -1.00 0.00	52.22 -0.82 0.00	44.47 -0.66 0.00	52.47 -0.53 0.00	67.23 -0.66 0.00	42.71 -0.80 0.00	60.11 -1.43 0.00	41.79 -0.87 0.00	53.46 -0.57 0.00	73.29 -0.92 0.00	84.81 -0.58 0.00	61.23 -0.52 0.00	36.28 -0.61 0.00	70.80 -1.33 0.00	112.44 -1.71 0.00	56.21 -0.81 0.00	44.38 -0.39 0.00	47.29 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	45.41 0.01 0.00	58.40 -0.14 0.00	42.08 -0.13 0.00	40.61 -0.20 0.00	36.43 -0.14 0.00	38.86 -0.21 0.00	52.61 -0.43 0.00	52.88 -0.16 0.00	44.83 -0.30 0.00	52.73 -0.26 0.00	67.34 -0.56 0.00	42.99 -0.52 0.00	59.94 -1.61 0.00	41.45 -1.21 0.00	52.59 -1.44 0.00	72.70 -1.52 0.00	84.76 -0.63 0.00	61.12 -0.63 0.00	36.29 -0.60 0.00	71.12 -1.00 0.00	113.00 -1.16 0.00	56.59 -0.42 0.00	44.55 -0.22 0.00	47.99 0.04 0.00
MARSHVLE_115KV_TB1 80742	49.94 2.03 -2.50	68.07 2.49 -7.04	48.96 1.67 -5.08	47.61 1.65 -5.16	41.00 1.47 -2.97	43.37 1.55 -2.75	69.02 2.34 -13.65	56.63 2.15 -1.44	49.04 1.89 -2.01	56.60 1.72 -1.88	71.27 1.72 -1.66	48.66 0.86 -4.29	74.28 1.00 -11.73	53.46 0.86 -9.94	59.82 1.83 -3.97	85.35 3.68 -7.46	101.89 3.95 -12.55	71.14 2.88 -6.51	39.84 1.83 -1.12	76.06 3.80 -0.13	120.86 5.95 -0.76	62.13 2.91 -2.20	48.46 2.23 -1.47	51.38 2.18 -1.26
MARSH_HILL_WT_PWR 323713	18.30 -1.93 25.17	-15.03 -2.64 70.92	-11.74 -2.82 51.14	-13.56 -2.44 51.93	4.50 -2.15 29.92	9.05 -2.32 27.70	-30.52 -2.04 81.52	21.61 -1.98 29.45	31.41 -1.81 11.91	44.80 -2.33 5.86	68.46 -3.14 -3.71	59.12 -2.99 -18.59	29.68 -4.75 27.11	32.11 -2.70 7.85	48.05 -4.26 1.72	13.09 -6.01 55.11	-40.83 -4.52 121.69	-19.31 -3.69 77.36	42.58 -2.28 -7.97	72.87 -4.85 -5.59	99.38 -7.20 7.57	31.98 -3.22 21.82	34.23 -2.42 8.12	-7.29 -2.47 52.77
MCINTYRE_115KV_TB2 80467	46.77 1.37 0.00	60.20 1.66 0.00	43.44 1.23 0.00	42.08 1.27 0.00	37.69 1.13 0.00	40.19 1.12 0.00	54.70 1.67 0.00	54.52 1.48 0.00	45.56 0.43 0.00	53.46 0.46 0.00	68.70 0.81 0.00	44.01 0.50 0.00	61.03 -0.52 0.00	42.37 -0.29 0.00	53.84 -0.19 0.00	74.34 0.13 0.00	85.31 -0.07 0.00	62.01 0.26 0.00	36.81 -0.08 0.00	72.67 0.55 0.00	116.56 2.41 0.00	58.79 1.77 0.00	46.36 1.60 0.00	49.67 1.73 0.00
MECO____69_KV_BK1 80468	48.04 2.64 0.00	61.83 3.29 0.00	44.49 2.28 0.00	43.00 2.19 0.00	38.55 1.99 0.00	41.26 2.18 0.00	63.81 3.12 -7.65	57.30 2.70 -1.56	49.91 2.59 -2.19	57.40 2.37 -2.04	71.76 2.04 -1.83	47.97 1.00 -3.46	70.22 1.18 -7.50	51.14 0.89 -7.59	56.74 2.13 -0.58	79.18 4.96 0.00	90.46 5.07 0.00	65.41 3.66 0.00	39.46 2.49 -0.08	77.11 4.98 0.00	122.11 7.96 0.00	60.93 3.92 0.00	47.70 2.94 0.00	50.91 2.97 0.00

MENANDS__115KV_TB5 355628	45.86 0.45 0.00	59.27 0.74 0.00	42.86 0.64 0.00	41.38 0.57 0.00	37.11 0.54 0.00	39.68 0.61 0.00	-5.89 0.56 59.48	41.44 0.50 12.11	29.10 0.73 16.76	38.82 0.72 14.90	58.92 0.83 9.80	40.71 0.59 3.38	64.05 0.94 -1.56	54.12 0.49 -10.97	62.59 0.64 -7.92	86.98 0.80 -11.97	93.36 0.45 -7.53	66.54 0.72 -4.07	40.41 0.65 -2.87	72.93 0.81 0.00	115.18 1.03 0.00	57.55 0.54 0.00	45.22 0.45 0.00	48.41 0.47 0.00
MG INDUSTRY__DRP 24185	45.96 0.56 0.00	59.38 0.84 0.00	42.91 0.69 0.00	41.45 0.64 0.00	37.14 0.57 0.00	39.57 0.49 0.00	20.04 -0.06 32.94	45.83 -0.52 6.71	35.67 -0.18 9.28	44.76 -0.31 7.93	62.15 -0.57 5.17	42.82 -0.42 0.27	66.22 -0.49 -5.16	53.19 -0.56 -11.09	61.04 -0.52 -7.54	84.83 -0.69 -11.31	91.36 -0.45 -7.11	65.08 -0.51 -3.84	39.49 -0.11 -2.71	71.56 -0.57 0.00	113.08 -1.07 0.00	56.44 -0.57 0.00	44.61 -0.15 0.00	48.41 0.47 0.00
MID__OSWEGATCHIE_HYD 23849	45.92 0.51 0.00	58.75 0.22 0.00	42.39 0.17 0.00	41.22 0.41 0.00	37.00 0.43 0.00	39.29 0.21 0.00	53.38 0.35 0.00	53.30 0.25 0.00	44.95 -0.18 0.00	53.14 0.15 0.00	68.19 0.30 0.00	43.06 -0.45 0.00	60.53 -1.02 0.00	42.10 -0.57 0.00	54.03 0.00 0.00	73.39 -0.83 0.00	84.73 -0.66 0.00	61.81 0.06 0.00	36.41 -0.48 0.00	72.13 0.01 0.00	115.13 0.97 0.00	58.11 1.09 0.00	46.02 1.25 0.00	48.80 0.86 0.00
MID__RAQUETTE_HYD 23851	45.83 0.43 0.00	58.92 0.38 0.00	42.52 0.30 0.00	41.18 0.37 0.00	36.90 0.34 0.00	39.30 0.23 0.00	53.43 0.39 0.00	53.43 0.39 0.00	45.01 -0.12 0.00	53.01 0.01 0.00	68.05 0.16 0.00	43.26 -0.25 0.00	60.14 -1.41 0.00	41.45 -1.22 0.00	52.71 -1.31 0.00	72.30 -1.92 0.00	83.73 -1.66 0.00	60.50 -1.25 0.00	35.88 -1.02 0.00	70.67 -1.45 0.00	113.32 -0.84 0.00	57.34 0.32 0.00	45.40 0.63 0.00	48.58 0.63 0.00
MILLIKEN__1 23584	41.11 0.39 4.68	45.78 0.45 13.20	32.93 0.23 9.52	31.38 0.24 9.66	31.19 0.19 5.57	34.20 0.28 5.16	38.52 0.55 15.06	48.05 0.36 5.35	43.09 0.09 2.13	52.00 0.06 1.05	68.21 0.06 -0.26	43.46 0.26 0.32	54.18 0.74 8.11	38.67 0.80 4.79	49.74 0.66 4.94	60.60 0.77 14.38	60.07 0.97 26.29	45.28 0.83 17.30	36.52 0.59 0.95	73.86 1.50 -0.23	114.42 1.88 1.61	53.06 0.70 4.65	42.55 0.40 2.63	36.87 0.51 11.59
MILLIKEN__2 23585	41.11 0.39 4.68	45.78 0.45 13.20	32.93 0.23 9.52	31.38 0.24 9.66	31.19 0.19 5.57	34.20 0.28 5.16	38.52 0.55 15.06	48.05 0.36 5.35	43.09 0.09 2.13	52.00 0.06 1.05	68.21 0.06 -0.26	43.46 0.26 0.32	54.18 0.74 8.11	38.67 0.80 4.79	49.74 0.66 4.94	60.60 0.77 14.38	60.07 0.97 26.29	45.28 0.83 17.30	36.52 0.59 0.95	73.86 1.50 -0.23	114.42 1.88 1.61	53.06 0.70 4.65	42.55 0.40 2.63	36.87 0.51 11.59
MILLIKEN__DIESEL 23629	41.11 0.39 4.68	45.78 0.45 13.20	32.93 0.23 9.52	31.38 0.24 9.66	31.19 0.19 5.57	34.20 0.28 5.16	38.52 0.55 15.06	48.05 0.36 5.35	43.09 0.09 2.13	52.00 0.06 1.05	68.21 0.06 -0.26	43.46 0.26 0.32	54.18 0.74 8.11	38.67 0.80 4.79	49.74 0.66 4.94	60.60 0.77 14.38	60.07 0.97 26.29	45.28 0.83 17.30	36.52 0.59 0.95	73.86 1.50 -0.23	114.42 1.88 1.61	53.06 0.70 4.65	42.55 0.40 2.63	36.87 0.51 11.59
MILLSEAT__LFGE 323607	29.59 -1.06 14.76	19.67 -0.71 38.16	14.15 -0.64 27.42	12.69 -0.43 27.69	18.57 -0.78 17.21	23.39 -0.93 14.76	9.73 -0.58 42.72	32.54 -0.97 19.54	37.30 -1.61 6.22	47.33 -2.60 3.06	65.12 -2.11 0.66	30.69 -0.79 12.02	27.21 -1.89 32.44	18.02 -1.67 22.97	27.40 -2.67 23.95	29.07 -2.78 42.36	18.13 -1.16 66.10	17.41 -0.16 44.18	26.85 -0.79 9.26	67.71 -2.51 1.91	104.87 -5.29 3.99	42.46 -2.88 11.67	33.44 -2.24 9.10	17.97 -1.55 28.42
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.21 1.80 0.00	60.64 2.10 0.00	43.69 1.47 0.00	42.21 1.39 0.00	37.85 1.29 0.00	40.54 1.46 0.00	55.24 2.21 0.00	55.59 2.55 0.00	47.73 2.61 0.00	61.43 3.13 -5.31	75.27 4.05 -3.33	59.58 2.68 -13.39	96.07 4.21 -30.31	81.20 3.08 -35.46	93.49 3.81 -35.66	134.82 4.88 -55.72	125.38 4.94 -35.05	84.88 4.20 -18.93	52.89 2.79 -13.20	76.95 4.82 0.00	120.84 6.69 0.00	60.12 3.11 0.00	47.23 2.46 0.00	50.28 2.34 0.00
MILLWOOD_13_KV_LOAD 356217	47.30 1.89 0.00	60.76 2.22 0.00	43.77 1.56 0.00	42.29 1.48 0.00	37.92 1.36 0.00	40.62 1.54 0.00	55.37 2.34 0.00	55.71 2.67 0.00	47.85 2.72 0.00	61.58 3.28 -5.31	75.47 4.25 -3.33	59.71 2.81 -13.39	96.23 4.37 -30.31	81.30 3.19 -35.46	93.65 3.97 -35.66	135.04 5.10 -55.72	125.62 5.18 -35.05	85.04 4.37 -18.93	52.99 2.89 -13.20	77.17 5.04 0.00	121.17 7.02 0.00	60.28 3.27 0.00	47.35 2.58 0.00	50.41 2.47 0.00
MODEL_CITY_ENERGY 24167	26.56 -2.57 16.27	14.24 -2.45 41.85	10.29 -1.86 30.07	8.89 -1.56 30.35	15.78 -1.83 18.95	20.75 -2.14 16.18	4.01 -2.23 46.79	28.61 -2.74 21.69	35.05 -3.26 6.82	45.34 -4.29 3.36	62.07 -4.99 0.83	26.83 -2.55 14.13	20.77 -4.45 36.33	13.54 -3.13 25.99	22.69 -4.09 27.25	22.17 -5.07 46.98	9.02 -3.89 72.48	10.70 -2.51 48.54	23.84 -2.31 10.73	64.06 -5.76 2.30	99.45 -10.33 4.38	38.90 -5.32 12.80	30.65 -3.99 10.13	13.54 -3.22 31.18
MODERN_LFGE__ 323580	26.56 -2.57 16.27	14.24 -2.45 41.85	10.29 -1.86 30.07	8.89 -1.56 30.35	15.78 -1.83 18.95	20.75 -2.14 16.18	4.01 -2.23 46.79	28.61 -2.74 21.69	35.05 -3.26 6.82	45.34 -4.29 3.36	62.07 -4.99 0.83	26.83 -2.55 14.13	20.77 -4.45 36.33	13.54 -3.13 25.99	22.69 -4.09 27.25	22.17 -5.07 46.98	9.02 -3.89 72.48	10.70 -2.51 48.54	23.84 -2.31 10.73	64.06 -5.76 2.30	99.45 -10.33 4.38	38.90 -5.32 12.80	30.65 -3.99 10.13	13.54 -3.22 31.18
MOHAWK_PAPER__DRP 24187	46.19 0.79 0.00	59.68 1.14 0.00	43.13 0.92 0.00	41.64 0.83 0.00	37.33 0.77 0.00	39.93 0.86 0.00	-1.88 0.95 55.86	42.55 0.88 11.37	30.43 1.04 15.74	40.15 1.11 13.95	60.03 1.31 9.17	41.38 0.86 2.99	64.79 1.31 -1.94	54.29 0.78 -10.85	62.88 1.01 -7.84	87.46 1.39 -11.85	94.02 1.18 -7.45	67.00 1.23 -4.02	40.65 0.92 -2.84	73.56 1.44 0.00	116.20 2.05 0.00	58.05 1.04 0.00	45.59 0.82 0.00	48.79 0.85 0.00
MOHICAN__35_KV_115KV_LD 80490	47.52 2.12 0.00	61.20 2.66 0.00	44.19 1.97 0.00	42.60 1.79 0.00	38.17 1.61 0.00	40.98 1.91 0.00	99.51 2.53 -43.95	64.52 2.52 -8.95	59.85 2.28 -12.44	67.02 2.39 -11.63	79.27 2.98 -8.40	53.95 1.93 -8.51	78.01 2.39 -14.08	53.71 1.33 -9.73	62.74 1.74 -6.97	87.36 2.63 -10.53	94.99 2.98 -6.62	68.00 2.67 -3.57	41.48 2.07 -2.52	76.02 3.90 0.00	120.11 5.95 0.00	60.00 2.99 0.00	47.02 2.25 0.00	50.51 2.57 0.00
MONGAUP__HYD 23641	47.31 1.90 0.00	60.82 2.29 0.00	43.75 1.53 0.00	42.28 1.47 0.00	37.89 1.33 0.00	40.59 1.52 0.00	55.32 2.28 0.00	55.63 2.59 0.00	47.67 2.54 0.00	50.40 2.77 5.37	67.03 3.03 3.89	3.29 1.98 42.20	-60.65 3.68 125.88	-101.77 2.84 147.27	-81.64 3.71 139.37	-138.29 4.23 216.73	-46.75 4.19 136.33	-7.50 4.36 73.61	-11.74 2.84 51.47	77.09 4.97 0.00	121.42 7.27 0.00	60.43 3.42 0.00	47.38 2.61 0.00	50.45 2.51 0.00

MONTAUK___DIESEL 23721	49.22 3.82 0.00	61.86 3.33 0.00	44.52 2.31 0.00	43.15 2.34 0.00	38.62 2.06 0.00	40.91 1.84 0.00	55.64 2.60 0.00	55.98 2.94 0.00	48.25 3.12 0.00	60.93 3.25 -4.69	75.44 4.36 -3.19	59.54 3.38 -12.64	94.29 4.38 -28.37	79.15 3.31 -33.19	91.51 4.47 -33.01	131.13 5.38 -51.53	122.68 4.88 -32.41	83.84 4.58 -17.50	52.51 3.40 -12.21	78.76 6.63 0.00	123.29 9.13 0.00	61.36 4.34 0.00	48.11 3.34 0.00	51.00 3.06 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.43 -2.69 18.28	4.20 -2.82 51.51	2.81 -2.27 37.14	1.02 -2.07 37.71	12.46 -2.38 21.73	16.27 -2.68 20.12	-8.77 -2.61 59.19	28.75 -2.93 21.36	33.34 -3.15 8.64	44.91 -3.84 4.25	61.98 -5.11 0.80	24.66 -3.02 15.83	12.75 -4.60 44.20	8.62 -2.98 31.06	17.76 -4.02 32.25	10.27 -5.82 58.13	-10.85 -4.79 91.45	-1.09 -1.79 61.05	22.79 -1.81 12.29	66.86 -2.81 2.45	102.97 -5.66 5.53	38.12 -2.96 15.93	30.25 -2.49 12.03	7.58 -1.86 38.51
MORRIS_RIDGE___SOLAR 323848	19.94 -2.07 23.39	-10.01 -2.62 65.92	-7.68 -2.37 47.53	-9.50 -2.04 48.27	6.79 -1.97 27.81	11.12 -2.20 25.75	-24.89 -2.16 75.77	23.35 -2.33 27.37	31.66 -2.40 11.07	44.43 -3.11 5.45	58.72 -3.89 5.29	-16.36 -2.74 57.13	-29.18 -4.21 86.51	-30.63 -2.59 70.70	-28.67 -3.72 78.98	-27.02 -5.15 96.08	-39.23 -4.59 120.03	-24.91 -3.05 83.61	-2.79 -1.98 37.70	57.25 -3.82 11.06	100.76 -6.32 7.07	33.27 -3.37 20.38	19.23 -2.73 22.80	-3.94 -2.61 49.27
MORTIMER_115KV_TB3 55949	34.89 -0.82 9.70	30.56 -0.66 27.32	21.91 -0.61 19.70	20.37 -0.43 20.01	24.38 -0.66 11.52	27.68 -0.72 10.67	21.09 -0.58 31.37	40.92 -0.86 11.27	39.43 -1.13 4.56	49.31 -1.44 2.24	66.62 -1.27 0.00	38.05 -0.63 4.83	39.84 -1.25 20.46	28.22 -1.06 13.38	39.17 -1.53 13.33	44.02 -1.52 28.67	36.65 -0.51 48.23	29.96 0.04 31.83	32.11 -0.46 4.31	70.20 -1.42 0.50	108.02 -3.20 2.94	46.62 -1.93 8.46	37.50 -1.63 5.64	26.35 -1.19 20.39
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.55 2.14 0.00	61.06 2.52 0.00	43.98 1.77 0.00	42.49 1.68 0.00	38.11 1.55 0.00	40.83 1.76 0.00	55.67 2.64 0.00	56.06 3.01 0.00	48.20 3.07 0.00	61.46 3.74 -4.73	75.88 4.78 -3.20	59.34 3.14 -12.68	94.85 4.84 -28.46	79.49 3.54 -33.29	91.51 4.35 -33.13	131.52 5.58 -51.73	123.63 5.71 -32.54	84.07 4.75 -17.57	52.33 3.18 -12.26	77.69 5.57 0.00	121.94 7.78 0.00	60.66 3.65 0.00	47.70 2.93 0.00	50.74 2.80 0.00
MUNSVILLE_WIND_PWR 323609	55.63 1.36 -8.87	84.22 2.01 -23.67	60.21 0.96 -17.03	58.62 0.58 -17.24	47.39 0.42 -10.41	48.91 0.65 -9.19	81.73 1.95 -26.74	65.45 2.25 -10.15	50.45 1.44 -3.88	56.34 1.44 -1.91	70.04 2.23 0.09	50.21 1.32 -5.37	82.77 2.50 -18.73	57.03 1.67 -12.70	69.65 2.85 -12.77	103.15 4.13 -24.82	128.52 2.89 -40.25	88.85 2.69 -24.41	43.38 1.90 -4.59	77.87 4.96 -0.78	121.80 5.20 -2.44	66.18 2.06 -7.11	51.62 1.69 -5.16	61.75 1.90 -11.91
N SALMON___HYD 24042	45.89 0.48 0.00	58.94 0.40 0.00	42.49 0.28 0.00	41.05 0.25 0.00	36.81 0.25 0.00	39.24 0.17 0.00	53.22 0.19 0.00	53.46 0.42 0.00	45.23 0.11 0.00	53.16 0.17 0.00	68.00 0.11 0.00	43.39 -0.12 0.00	60.49 -1.06 0.00	41.68 -0.98 0.00	53.00 -1.03 0.00	73.17 -1.05 0.00	85.45 0.06 0.00	61.63 -0.12 0.00	36.58 -0.31 0.00	71.84 -0.28 0.00	114.29 0.13 0.00	57.34 0.33 0.00	45.24 0.47 0.00	48.60 0.66 0.00
N.AKRON___115KV_KNAPP 355671	30.59 -1.29 13.53	19.59 -0.81 38.13	13.97 -0.75 27.49	12.39 -0.50 27.92	19.60 -0.88 16.08	23.14 -1.04 14.89	8.53 -0.70 43.80	36.03 -1.23 15.78	36.88 -1.87 6.38	46.97 -2.88 3.14	64.45 -2.73 0.71	29.72 -1.15 12.64	25.77 -2.26 33.53	16.87 -1.96 23.83	26.31 -2.82 24.90	27.53 -3.05 43.63	16.28 -1.30 67.81	16.01 -0.39 45.35	26.11 -1.09 9.68	66.91 -3.19 2.03	103.83 -6.23 4.09	41.87 -3.36 11.78	33.20 -2.52 9.04	17.77 -1.68 28.49
N.BELMOR_69_KV_BK1 55787	48.10 2.69 0.00	61.53 2.99 0.00	44.37 2.16 0.00	42.85 2.04 0.00	38.38 1.82 0.00	41.09 2.02 0.00	55.94 2.91 0.00	56.27 3.23 0.00	48.66 3.53 0.00	61.52 3.83 -4.69	76.15 5.07 -3.19	59.60 3.45 -12.64	94.73 4.82 -28.37	79.41 3.56 -33.19	91.73 4.69 -33.01	131.38 5.63 -51.53	123.10 5.30 -32.41	84.07 4.82 -17.50	52.44 3.34 -12.21	78.04 5.92 0.00	122.63 8.47 0.00	60.99 3.98 0.00	47.97 3.20 0.00	51.12 3.19 0.00
N.E._GEN_SANDY PD 24062	46.30 1.00 0.10	60.08 1.55 0.00	43.43 1.21 0.00	41.87 1.06 0.00	37.53 0.97 0.00	40.12 1.13 0.09	78.01 1.35 -23.62	59.13 1.28 -4.81	53.42 1.38 -6.91	62.54 1.44 -8.10	75.26 1.80 -5.57	56.20 1.30 -11.39	80.78 2.05 -17.19	54.66 1.15 -10.85	62.34 1.36 -6.95	96.45 1.54 -20.70	85.93 1.21 0.66	58.91 1.43 4.26	43.01 1.08 -5.04	73.76 1.64 0.00	111.61 2.39 4.94	58.24 1.23 0.00	45.73 0.97 0.00	49.99 1.12 -0.93
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.18 1.77 0.00	60.62 2.08 0.00	43.66 1.44 0.00	42.19 1.38 0.00	37.82 1.26 0.00	40.50 1.43 0.00	55.22 2.19 0.00	55.56 2.52 0.00	47.68 2.55 0.00	47.46 3.07 8.59	66.85 3.97 5.01	51.66 2.64 -5.51	107.64 4.23 -41.86	94.74 3.12 -48.97	109.58 3.92 -51.63	160.25 5.04 -81.00	141.49 5.15 -50.95	93.57 4.31 -27.51	58.90 2.83 -19.18	77.01 4.88 0.00	120.94 6.78 0.00	60.13 3.12 0.00	47.21 2.45 0.00	50.24 2.30 0.00
N.QUEENS_27_KV_LOAD 356247	47.42 2.01 0.00	60.91 2.37 0.00	43.93 1.72 0.00	42.45 1.65 0.00	38.12 1.55 0.00	40.82 1.75 0.00	55.67 2.64 0.00	56.15 3.10 0.00	48.17 3.04 0.00	61.42 3.69 -4.74	75.70 4.60 -3.20	59.30 3.11 -12.68	94.71 4.70 -28.46	79.47 3.52 -33.29	91.42 4.25 -33.14	131.43 5.48 -51.73	123.55 5.62 -32.54	84.03 4.71 -17.57	52.28 3.12 -12.26	77.59 5.47 0.00	121.77 7.61 0.00	60.61 3.60 0.00	47.71 2.95 0.00	50.70 2.76 0.00
N.TROY___115KV_TB1 355778	46.47 1.07 0.00	60.14 1.61 0.00	43.46 1.25 0.00	41.92 1.12 0.00	37.59 1.03 0.00	40.24 1.17 0.00	155.95 1.44 -101.47	75.17 1.46 -20.66	75.25 1.43 -28.69	82.06 1.51 -27.55	88.39 1.86 -18.63	60.39 1.24 -15.64	85.64 1.79 -22.30	54.07 0.90 -10.51	62.80 1.14 -7.63	87.28 1.52 -11.55	93.95 1.30 -7.26	67.06 1.38 -3.92	40.71 1.05 -2.77	73.85 1.72 0.00	116.83 2.67 0.00	58.39 1.38 0.00	45.81 1.04 0.00	49.13 1.19 0.00
NARROWS_GT1_1 24228	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT1_2 24229	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00

NARROWS_GT1_3 24230	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT1_4 24231	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT1_5 24232	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT1_6 24233	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT1_7 24234	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT1_8 24235	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_1 24236	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_2 24237	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_3 24238	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_4 24239	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_5 24240	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_6 24241	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_7 24242	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NARROWS_GT2_8 24243	47.46 2.06 0.00	61.02 2.48 0.00	43.91 1.69 0.00	42.45 1.64 0.00	38.09 1.52 0.00	40.80 1.73 0.00	55.65 2.61 0.00	56.05 3.01 0.00	48.13 3.01 0.00	61.30 3.57 -4.74	75.64 4.54 -3.20	59.31 3.12 -12.68	94.61 4.60 -28.46	79.48 3.52 -33.29	91.39 4.23 -33.14	131.41 5.46 -51.73	123.54 5.62 -32.54	84.19 4.87 -17.57	52.41 3.26 -12.26	77.81 5.68 0.00	121.94 7.79 0.00	60.80 3.79 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.45 1.04 0.00	59.97 1.43 0.00	43.32 1.10 0.00	41.83 1.02 0.00	37.47 0.91 0.00	39.99 0.92 0.00	20.90 1.01 33.14	47.29 0.99 6.75	37.05 1.25 9.34	46.48 1.47 7.98	64.21 1.57 5.25	44.10 0.76 0.17	68.60 1.31 -5.75	55.01 0.54 -11.82	62.15 0.76 -7.36	86.86 1.74 -10.91	94.18 1.93 -6.87	66.94 1.48 -3.70	40.62 1.11 -2.62	73.86 1.73 0.00	116.73 2.58 0.00	58.24 1.23 0.00	45.74 0.97 0.00	49.02 1.08 0.00

NCHELSEA_115KV_TR2 355582	47.72	61.31	44.15	42.63	38.22	40.97	55.84	56.20	48.27	58.19	74.31	54.12	84.69	67.56	74.91	105.10	106.89	75.04	45.94	77.35	121.54	60.45	47.44	50.50
	2.32	2.77	1.93	1.82	1.66	1.90	2.81	3.16	3.14	3.78	4.84	3.11	4.87	3.52	4.09	5.28	5.40	4.59	3.00	5.22	7.38	3.43	2.67	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.42	-1.58	-7.49	-18.27	-21.37	-16.79	-25.61	-16.11	-8.70	-6.05	0.00	0.00	0.00	0.00	0.00
NEG CAPITAL___MECHNVIL 23645	47.22	60.99	44.04	42.47	38.07	40.77	117.73	67.99	64.87	71.82	82.42	56.10	80.83	54.19	63.30	88.09	95.30	68.09	41.32	75.48	119.33	59.57	46.70	50.04
	1.81	2.46	1.82	1.67	1.51	1.70	2.29	2.24	2.08	2.32	2.84	1.79	2.55	1.54	2.08	3.00	3.07	2.65	1.83	3.36	5.17	2.56	1.93	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	-62.40	-12.70	-17.66	-16.51	-11.68	-10.80	-16.73	-9.99	-7.20	-10.87	-6.84	-3.69	-2.60	0.00	0.00	0.00	0.00	0.00
NEG CENTRAL_HIGH_ACRES 23767	34.96	33.19	23.90	22.44	24.86	28.57	24.95	40.04	39.49	49.04	65.66	38.17	42.12	29.79	40.52	47.31	42.50	33.54	32.33	69.54	107.32	47.26	37.70	28.44
	-1.54	-1.73	-1.33	-1.19	-1.26	-1.34	-1.47	-1.66	-1.78	-2.05	-2.23	-1.23	-2.06	-1.51	-2.17	-2.52	-1.87	-1.14	-0.89	-2.16	-4.34	-2.48	-2.12	-1.88
	8.91	23.62	16.99	17.18	10.45	9.16	26.62	11.34	3.86	1.90	0.00	4.12	17.37	11.36	11.34	24.39	41.02	27.07	3.67	0.43	2.50	7.27	4.95	17.61
NEG CENTRAL___DRP 24199	36.15	32.93	23.62	21.99	25.57	28.91	23.93	42.31	40.33	50.24	67.32	41.56	44.82	32.86	44.28	48.86	41.10	32.72	34.84	72.45	111.10	48.80	39.68	28.76
	-0.29	-0.34	-0.37	-0.32	-0.33	-0.29	-0.11	-0.34	-0.60	-0.69	-0.93	-0.39	-0.29	0.01	-0.54	-0.68	-0.02	-0.11	0.09	0.13	-0.34	-0.40	-0.49	-0.36
	8.97	25.27	18.22	18.50	10.66	9.87	28.99	10.39	4.20	2.07	-0.36	1.56	16.44	9.81	9.20	24.67	44.26	28.92	2.15	-0.20	2.71	7.81	4.60	18.82
NEG CENTRAL___INDECK 23768	26.83	5.81	3.83	2.01	14.09	18.26	-7.28	31.52	36.04	47.88	72.16	66.62	48.36	43.89	60.61	37.00	-5.90	4.83	48.30	78.80	108.80	40.54	40.15	8.22
	0.29	0.43	-0.06	0.13	-0.04	-0.05	0.78	0.52	-0.17	-0.72	0.46	0.33	-0.11	-0.37	-1.19	-0.98	-0.49	-0.06	0.14	0.56	0.34	-0.06	-0.28	-0.06
	18.87	53.16	38.33	38.93	22.42	20.76	61.09	22.05	8.92	4.39	-3.81	-22.78	13.07	-1.60	-7.77	36.23	90.80	56.85	-11.27	-6.11	5.70	16.41	4.33	39.66
NEG CENTRAL___SENECA 23627	31.99	21.40	15.24	13.50	20.61	24.31	10.75	37.48	38.30	49.12	67.23	41.10	37.43	28.67	40.29	37.86	21.38	19.81	34.09	72.47	109.57	45.22	37.61	20.24
	-0.39	-0.43	-0.51	-0.43	-0.47	-0.43	-0.13	-0.39	-0.70	-0.85	-1.24	-0.56	-0.59	-0.11	-0.88	-0.92	-0.02	-0.15	0.04	-0.04	-0.67	-0.50	-0.59	-0.42
	13.02	36.71	26.47	26.88	15.48	14.34	42.15	15.17	6.13	3.02	-0.57	1.85	23.52	13.88	12.86	35.43	63.99	41.79	2.84	-0.38	3.92	11.30	6.56	27.27
NEG CENTRAL___STATE_STREET 24147	40.59	44.67	32.21	30.68	30.74	33.75	37.26	47.29	42.61	51.57	67.61	41.00	51.34	36.14	47.27	59.35	60.73	45.28	34.92	72.60	113.43	52.61	41.63	37.32
	0.11	0.03	0.02	0.04	0.03	0.10	0.13	-0.12	-0.25	-0.31	-0.28	-0.04	0.20	0.34	0.19	0.09	0.50	0.14	0.28	0.74	0.81	0.01	-0.19	0.03
	4.93	13.90	10.02	10.17	5.86	5.43	15.90	5.64	2.28	1.12	0.00	2.47	10.41	6.86	6.96	14.96	25.16	16.61	2.25	0.26	1.53	4.41	2.95	10.65
NEG MILLWOOD___DRP 24198	47.62	61.17	44.04	42.53	38.15	40.88	55.73	56.10	48.20	58.86	74.79	55.70	87.49	70.92	80.11	113.45	112.26	77.94	48.00	77.60	121.88	60.62	47.57	50.64
	2.22	2.63	1.83	1.72	1.58	1.80	2.70	3.06	3.07	3.71	4.80	3.13	4.76	3.48	4.23	5.49	5.65	4.73	3.12	5.47	7.72	3.60	2.81	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-2.10	-9.06	-21.18	-24.78	-21.85	-33.74	-21.22	-11.46	-7.99	0.00	0.00	0.00	0.00	0.00
NEG NORTH_FLCN_SEA 23793	45.97	59.10	42.60	41.07	36.82	39.34	53.24	53.48	45.11	53.04	67.71	43.23	60.20	41.58	52.94	73.28	85.53	61.97	36.83	72.05	114.21	57.11	45.00	48.57
	0.57	0.56	0.38	0.26	0.26	0.26	0.21	0.44	-0.02	0.05	-0.18	-0.29	-1.35	-1.08	-1.08	-0.94	0.15	0.22	-0.06	-0.08	0.05	0.09	0.24	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	0.00
NEG NORTH_KES_CHATEGAY 23792	45.43	58.41	42.07	40.61	36.43	38.86	52.58	52.88	44.80	52.69	67.27	42.93	59.77	41.35	52.47	72.49	84.76	61.11	36.30	71.15	113.07	56.64	44.59	48.05
	0.02	-0.13	-0.14	-0.20	-0.13	-0.22	-0.45	-0.17	-0.33	-0.30	-0.62	-0.58	-1.77	-1.31	-1.55	-1.72	-0.62	-0.64	-0.59	-0.97	-1.09	-0.37	-0.18	0.11
	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
NEG NORTH___ALICE_FALLS 23915	46.06	59.21	42.67	41.16	36.90	39.41	53.35	53.60	45.25	53.20	67.87	43.31	60.36	41.69	53.12	73.48	85.81	62.17	36.96	72.34	114.65	57.33	45.18	48.71
	0.65	0.68	0.46	0.35	0.34	0.33	0.32	0.55	0.12	0.21	-0.02	-0.20	-1.19	-0.97	-0.91	-0.73	0.42	0.42	0.07	0.22	0.50	0.31	0.41	0.77
	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
NEG NORTH___LWR_SARANAC 23913	46.06	59.21	42.67	41.16	36.90	39.41	53.35	53.60	45.25	53.20	67.87	43.31	60.36	41.69	53.12	73.48	85.81	62.17	36.96	72.34	114.65	57.33	45.18	48.71
	0.65	0.68	0.46	0.35	0.34	0.33	0.32	0.55	0.12	0.21	-0.02	-0.20	-1.19	-0.97	-0.91	-0.73	0.42	0.42	0.07	0.22	0.50	0.31	0.41	0.77
	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
NEG NORTH___PLATTSBURG 23628	46.06	59.22	42.67	41.16	36.90	39.41	53.36	53.57	45.25	53.20	67.87	43.32	60.37	41.71	53.12	73.53	85.81	62.19	36.96	72.35	114.67	57.33	45.18	48.70
	0.66	0.68	0.46	0.35	0.34	0.33	0.32	0.53	0.13	0.21	-0.02	-0.19	-1.17	-0.95	-0.90	-0.69	0.43	0.44	0.07	0.23	0.51	0.32	0.41	0.76
	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
NEG WEST_LEA_LOCKPORT 23791	29.02	16.56	11.80	10.25	18.13	21.64	5.23	34.16	35.59	45.94	62.72	27.09	21.66	13.97	23.16	23.22	10.88	12.03	24.13	64.85	100.89	39.89	31.52	15.28
	-2.15	-1.85	-1.49	-1.18	-1.51	-1.76	-1.70	-2.28	-2.81	-3.75	-4.32	-2.23	-3.85	-2.83	-3.72	-4.54	-3.08	-1.86	-2.01	-4.94	-8.96	-4.72	-3.54	-2.67
	14.24	40.13	28.93	29.38	16.92	15.67	46.10	16.61	6.72	3.31	0.85	14.19	36.03	25.86	27.15	46.46	71.43	47.86	10.75	2.33	4.31	12.40	9.71	29.98
NEG WEST___LANCASTR 23811	25.58	5.73	3.90	2.19	13.63	17.61	-7.37	29.92	34.37	46.05	63.90	25.53	14.17	9.23	18.74	12.62	-8.34	-0.52	22.96	66.21	102.14	37.74	30.10	7.66
	-1.60	-1.43	-1.27	-1.00	-1.26	-1.40	-1.36	-1.81	-2.14	-2.70	-3.13	-1.66	-2.87	-2.01	-2.59	-3.29	-2.44	-1.28	-1.36	-3.36	-6.49	-3.38	-2.58	-1.86
	18.23	51.38	37.05	37.62	21.67	20.07	59.04	21.31	8.62	4.24	0.86	16.32	44.50	31.41	32.70	58.30	91.29	60.99	12.57	2.56	5.52	15.89	12.09	38.42

NEG_PENN_ALLEGHNY 23528	74.59 0.11 -29.07	138.77 0.10 -80.13	99.97 0.02 -57.73	99.38 0.02 -58.55	70.95 0.01 -34.38	70.38 0.08 -31.23	146.08 0.25 -92.79	88.06 0.22 -34.80	59.60 0.10 -14.37	60.25 0.18 -7.07	67.92 0.32 0.29	57.83 0.33 -14.00	121.93 0.76 -59.63	82.44 0.62 -39.15	93.94 0.51 -39.41	159.60 0.64 -84.75	228.50 0.54 -142.57	150.49 0.83 -87.91	50.24 0.60 -12.75	74.80 1.18 -1.49	123.90 1.06 -8.68	82.51 0.39 -25.11	61.87 0.23 -16.87	94.60 0.21 -46.45
NEG___GEN_MONROE 24207	34.96 -0.56 9.89	30.42 -0.26 27.86	21.81 -0.31 20.09	20.23 -0.17 20.40	24.37 -0.44 11.75	27.69 -0.50 10.88	20.84 -0.20 31.99	41.07 -0.48 11.49	39.52 -0.96 4.65	49.30 -1.41 2.29	66.90 -0.99 0.00	38.24 -0.34 4.93	39.81 -0.88 20.86	28.10 -0.91 13.64	38.88 -1.55 13.59	43.56 -1.41 29.24	35.94 -0.27 49.18	29.71 0.42 32.46	32.28 -0.21 4.40	70.59 -1.02 0.51	108.53 -2.64 2.99	46.72 -1.67 8.63	37.61 -1.41 5.75	26.25 -0.90 20.79
NEPA___ENERGY 23901	24.97 -2.07 18.37	4.49 -2.28 51.77	3.16 -1.73 37.33	1.33 -1.58 37.91	13.02 -1.71 21.84	17.02 -1.83 20.22	-8.41 -1.95 59.49	29.41 -2.16 21.47	33.97 -2.48 8.68	45.84 -2.87 4.28	63.42 -3.51 0.97	24.23 -1.98 17.30	12.94 -3.04 45.57	8.36 -1.90 32.40	17.59 -2.57 33.86	11.58 -3.36 59.27	-9.73 -3.05 92.07	-1.28 -1.43 61.60	22.43 -1.27 13.20	66.70 -2.66 2.77	102.86 -5.73 5.56	37.94 -3.05 16.02	30.00 -2.38 12.38	7.28 -1.95 38.72
NEVERSINK___HYD 23608	46.58 1.18 0.00	59.79 1.25 0.00	43.02 0.80 0.00	41.55 0.74 0.00	37.26 0.70 0.00	39.97 0.90 0.00	51.12 1.42 3.34	54.20 1.83 0.68	46.23 2.04 0.94	54.56 2.45 0.88	70.03 3.05 0.91	44.60 1.92 0.83	64.53 3.42 0.44	45.19 2.53 0.00	56.93 2.91 0.00	77.74 3.53 0.00	88.95 3.57 0.00	64.98 3.23 0.00	38.92 2.13 0.09	75.79 3.66 0.00	119.08 4.92 0.00	59.24 2.23 0.00	46.42 1.66 0.00	49.39 1.45 0.00
NEWKRMKL_115KV_TB1 55635	45.65 0.24 0.00	58.93 0.40 0.00	42.62 0.40 0.00	41.16 0.35 0.00	36.92 0.36 0.00	39.46 0.38 0.00	-1.01 0.26 54.30	42.24 0.25 11.06	30.34 0.51 15.30	39.96 0.50 13.54	59.54 0.54 8.89	41.10 0.37 2.78	64.41 0.61 -2.25	53.94 0.30 -10.97	62.32 0.42 -7.87	86.60 0.50 -11.88	93.00 0.14 -7.47	66.25 0.47 -4.04	40.24 0.50 -2.84	72.61 0.48 0.00	114.59 0.43 0.00	57.22 0.21 0.00	45.00 0.24 0.00	48.15 0.21 0.00
NEWTON___FALLS_HYD 23847	45.92 0.51 0.00	58.75 0.22 0.00	42.39 0.17 0.00	41.22 0.41 0.00	37.00 0.43 0.00	39.29 0.21 0.00	53.38 0.35 0.00	53.30 0.25 0.00	44.95 -0.18 0.00	53.14 0.15 0.00	68.19 0.30 0.00	43.06 -0.45 0.00	60.53 -1.02 0.00	42.10 -0.57 0.00	54.03 0.00 0.00	73.39 -0.83 0.00	84.73 -0.66 0.00	61.81 0.06 0.00	36.41 -0.48 0.00	72.13 0.01 0.00	115.13 0.97 0.00	58.11 1.09 0.00	46.02 1.25 0.00	48.80 0.86 0.00
NGRID_A1_DSASP 323792	28.07 -2.73 14.60	14.73 -2.65 41.15	10.49 -2.05 29.67	9.00 -1.67 30.13	17.24 -1.97 17.36	20.78 -2.22 16.07	3.31 -2.45 47.28	32.97 -3.03 17.04	34.57 -3.67 6.89	45.00 -4.60 3.39	61.28 -5.76 0.86	25.83 -3.27 14.41	19.57 -5.16 36.81	12.71 -3.58 26.37	21.58 -4.79 27.67	20.63 -6.03 47.55	7.60 -4.54 73.25	9.73 -2.96 49.06	23.15 -2.82 10.92	63.22 -6.55 2.36	97.90 -11.82 4.44	38.07 -6.15 12.80	30.44 -4.33 10.00	13.74 -3.44 30.76
NGRID_A2_DSASP 323793	28.07 -2.73 14.60	14.73 -2.65 41.15	10.49 -2.05 29.67	9.00 -1.67 30.13	17.24 -1.97 17.36	20.78 -2.22 16.07	3.31 -2.45 47.28	32.97 -3.03 17.04	34.57 -3.67 6.89	45.00 -4.60 3.39	61.28 -5.76 0.86	25.83 -3.27 14.41	19.57 -5.16 36.81	12.71 -3.58 26.37	21.58 -4.79 27.67	20.63 -6.03 47.55	7.60 -4.54 73.25	9.73 -2.96 49.06	23.15 -2.82 10.92	63.22 -6.55 2.36	97.90 -11.82 4.44	38.07 -6.15 12.80	30.44 -4.33 10.00	13.74 -3.44 30.76
NGRID_A4_DSASP 323807	28.07 -2.73 14.60	14.73 -2.65 41.15	10.49 -2.05 29.67	9.00 -1.67 30.13	17.24 -1.97 17.36	20.78 -2.22 16.07	3.31 -2.45 47.28	32.97 -3.03 17.04	34.57 -3.67 6.89	45.00 -4.60 3.39	61.28 -5.76 0.86	25.83 -3.27 14.41	19.57 -5.16 36.81	12.71 -3.58 26.37	21.58 -4.79 27.67	20.63 -6.03 47.55	7.60 -4.54 73.25	9.73 -2.96 49.06	23.15 -2.82 10.92	63.22 -6.55 2.36	97.90 -11.82 4.44	38.07 -6.15 12.80	30.44 -4.33 10.00	13.74 -3.44 30.76
NIAGARA_115E_LBMP 323715	26.10 -2.79 16.52	13.38 -2.71 42.45	9.69 -2.02 30.50	8.31 -1.71 30.78	15.35 -1.97 19.24	20.36 -2.31 16.41	3.13 -2.47 47.44	27.97 -3.01 22.06	34.70 -3.52 6.92	44.99 -4.60 3.40	61.61 -5.43 0.85	26.34 -2.78 14.40	19.88 -4.77 36.89	12.92 -3.33 26.41	22.00 -4.33 27.70	21.12 -5.42 47.67	7.61 -4.29 73.49	9.71 -2.82 49.22	23.45 -2.51 10.92	63.53 -6.25 2.35	98.63 -11.08 4.44	38.36 -5.68 12.98	30.26 -4.24 10.27	12.85 -3.47 31.62
NIAGARA_115W_LBMP 323714	26.07 -2.86 16.47	13.39 -2.93 42.22	9.66 -2.23 30.33	8.34 -1.86 30.61	15.27 -2.12 19.17	20.34 -2.41 16.32	3.21 -2.68 47.15	27.82 -3.17 22.05	34.43 -3.83 6.88	44.89 -4.71 3.38	61.15 -5.89 0.85	25.80 -3.37 14.35	19.27 -5.58 36.69	12.73 -3.65 26.28	21.50 -4.96 27.57	20.62 -6.19 47.40	7.47 -4.88 73.04	9.57 -3.26 48.92	23.09 -2.92 10.88	63.09 -6.69 2.35	97.51 -12.22 4.43	37.76 -6.28 12.98	29.91 -4.48 10.38	12.80 -3.69 31.45
NIAGARA_230_LBMP 323716	26.62 -2.68 16.10	14.59 -2.73 41.22	10.54 -2.06 29.61	9.18 -1.75 29.88	15.84 -1.99 18.73	20.86 -2.28 15.93	4.50 -2.53 46.01	28.54 -2.91 21.60	35.09 -3.34 6.71	45.58 -4.11 3.30	62.21 -4.87 0.81	26.86 -2.82 13.82	21.03 -4.86 35.66	13.84 -3.33 25.49	22.93 -4.38 26.71	22.50 -5.56 46.15	9.59 -4.53 71.27	11.03 -3.00 47.72	23.86 -2.53 10.51	64.23 -5.65 2.25	99.56 -10.29 4.30	38.99 -5.40 12.63	30.52 -4.12 10.12	13.78 -3.45 30.70
NIAGARA___115KV_198_GIBSON 55903	28.04 -2.80 14.56	14.78 -2.72 41.04	10.52 -2.10 29.59	9.04 -1.72 30.05	17.24 -2.01 17.31	20.77 -2.27 16.03	3.38 -2.51 47.15	32.93 -3.12 16.99	34.50 -3.76 6.87	44.90 -4.71 3.38	61.12 -5.92 0.85	25.81 -3.36 14.35	19.57 -5.28 36.69	12.73 -3.65 26.28	21.57 -4.89 27.57	20.66 -6.16 47.40	7.69 -4.66 73.04	9.78 -3.05 48.92	23.13 -2.89 10.88	63.06 -6.72 2.34	97.66 -12.07 4.42	37.99 -6.26 12.76	30.39 -4.40 9.97	13.77 -3.50 30.67
NIAGARA____ 23760	26.50 -2.68 16.22	14.11 -2.73 41.70	10.09 -2.06 30.06	8.81 -1.75 30.25	15.64 -1.99 18.92	20.72 -2.28 16.06	3.92 -2.53 46.59	28.38 -2.91 21.75	35.03 -3.34 6.76	45.55 -4.11 3.34	62.19 -4.87 0.83	26.70 -2.82 13.99	20.74 -4.86 35.95	13.64 -3.33 25.68	22.69 -4.38 26.96	22.16 -5.56 46.49	9.13 -4.53 71.73	10.74 -3.00 48.01	23.74 -2.53 10.62	64.19 -5.65 2.28	99.51 -10.29 4.36	38.87 -5.40 12.75	30.47 -4.12 10.17	13.53 -3.45 30.95
NINE_MILE_1 23575	44.06 -1.35 0.00	56.84 -1.70 0.00	40.97 -1.25 0.00	39.62 -1.19 0.00	35.48 -1.08 0.00	37.92 -1.15 0.00	51.49 -1.54 0.00	51.33 -1.71 0.00	43.54 -1.59 0.00	51.13 -1.86 0.00	65.59 -2.31 0.00	42.09 -1.42 0.00	59.60 -1.95 0.00	41.34 -1.31 0.00	52.30 -1.73 0.00	71.86 -2.36 0.00	82.76 -2.63 0.00	60.03 -1.72 0.00	35.85 -1.04 0.00	70.01 -2.12 0.00	110.47 -3.68 0.00	55.09 -1.92 0.00	43.22 -1.55 0.00	46.34 -1.60 0.00

NINE_MILE_2 23744	44.06 -1.35 0.00	56.84 -1.70 0.00	40.97 -1.25 0.00	39.62 -1.19 0.00	35.48 -1.08 0.00	37.92 -1.15 0.00	51.49 -1.54 0.00	51.34 -1.71 0.00	43.54 -1.59 0.00	51.14 -1.86 0.00	65.59 -2.31 0.00	42.09 -1.42 0.00	59.60 -1.95 0.00	41.34 -1.31 0.00	52.30 -1.73 0.00	71.86 -2.36 0.00	82.76 -2.63 0.00	60.03 -1.72 0.00	35.85 -1.04 0.00	70.01 -2.12 0.00	110.47 -3.68 0.00	55.10 -1.92 0.00	43.22 -1.55 0.00	46.34 -1.60 0.00
NM_CAPITAL___DRP 24208	45.75 0.35 0.00	59.12 0.58 0.00	42.74 0.53 0.00	41.28 0.47 0.00	37.02 0.46 0.00	39.58 0.51 0.00	-7.31 0.43 60.78	41.04 0.37 12.37	28.63 0.63 17.12	38.35 0.60 15.24	58.53 0.67 10.02	40.47 0.48 3.52	63.77 0.78 -1.45	54.08 0.40 -11.03	62.51 0.52 -7.96	86.84 0.60 -12.03	93.20 0.25 -7.56	66.40 0.56 -4.09	40.32 0.55 -2.88	72.75 0.63 0.00	114.85 0.70 0.00	57.39 0.38 0.00	45.11 0.34 0.00	48.29 0.35 0.00
NM_CENTRAL___DRP 24181	44.97 -0.44 0.00	58.00 -0.54 0.00	41.78 -0.43 0.00	40.42 -0.39 0.00	36.18 -0.38 0.00	38.70 -0.37 0.00	52.62 -0.41 0.00	52.47 -0.57 0.00	44.50 -0.63 0.00	52.35 -0.64 0.00	67.16 -0.74 0.00	43.17 -0.34 0.00	61.25 -0.30 0.00	42.49 -0.16 0.00	53.74 -0.29 0.00	73.79 -0.43 0.00	85.01 -0.38 0.00	61.75 -0.01 0.00	36.84 -0.05 0.00	71.96 -0.16 0.00	113.42 -0.74 0.00	56.48 -0.53 0.00	44.26 -0.51 0.00	47.43 -0.51 0.00
NM_FRONTIER___DRP 24179	28.04 -2.80 14.56	14.78 -2.72 41.04	10.52 -2.10 29.59	9.04 -1.72 30.05	17.24 -2.01 17.31	20.77 -2.27 16.03	3.38 -2.51 47.15	32.93 -3.12 16.99	34.50 -3.76 6.87	44.90 -4.71 3.38	61.12 -5.92 0.85	25.81 -3.36 14.35	19.57 -5.28 36.69	12.73 -3.65 26.28	21.57 -4.89 27.57	20.66 -6.16 47.40	7.69 -4.66 73.04	9.78 -3.05 48.92	23.13 -2.89 10.88	63.06 -6.72 2.34	97.66 -12.07 4.42	37.99 -6.26 12.76	30.39 -4.40 9.97	13.77 -3.50 30.67
NM_ST_REGIS___HYD 24053	45.88 0.48 0.00	58.95 0.41 0.00	42.53 0.32 0.00	41.17 0.36 0.00	36.90 0.33 0.00	39.31 0.23 0.00	53.38 0.35 0.00	53.47 0.42 0.00	45.07 -0.06 0.00	53.04 0.05 0.00	68.10 0.21 0.00	43.29 -0.22 0.00	60.18 -1.36 0.00	41.46 -1.21 0.00	52.76 -1.26 0.00	72.48 -1.73 0.00	84.21 -1.18 0.00	60.81 -0.94 0.00	36.07 -0.82 0.00	71.00 -1.12 0.00	113.63 -0.52 0.00	57.37 0.36 0.00	45.39 0.62 0.00	48.62 0.68 0.00
NORTHPORT___1 23551	47.63 2.23 0.00	61.05 2.51 0.00	44.02 1.80 0.00	42.55 1.74 0.00	38.05 1.49 0.00	40.65 1.58 0.00	55.36 2.32 0.00	55.69 2.65 0.00	48.20 3.07 0.00	60.64 2.95 -4.69	74.84 3.76 -3.19	58.89 2.74 -12.64	93.47 3.55 -28.37	78.61 2.77 -33.19	90.83 3.79 -33.01	130.04 4.29 -51.53	121.66 3.86 -32.41	82.88 3.63 -17.50	51.75 2.65 -12.21	76.85 4.72 0.00	120.85 6.70 0.00	60.32 3.31 0.00	47.36 2.59 0.00	50.58 2.64 0.00
NORTHPORT___2 23552	47.63 2.23 0.00	61.05 2.51 0.00	44.02 1.80 0.00	42.55 1.74 0.00	38.05 1.49 0.00	40.65 1.58 0.00	55.36 2.32 0.00	55.69 2.65 0.00	48.20 3.07 0.00	60.64 2.95 -4.69	74.84 3.76 -3.19	58.89 2.74 -12.64	93.47 3.55 -28.37	78.61 2.77 -33.19	90.83 3.79 -33.01	130.04 4.29 -51.53	121.66 3.86 -32.41	82.88 3.63 -17.50	51.75 2.65 -12.21	76.85 4.72 0.00	120.85 6.70 0.00	60.32 3.31 0.00	47.36 2.59 0.00	50.58 2.64 0.00
NORTHPORT___3 23553	47.61 2.20 0.00	61.04 2.51 0.00	44.02 1.80 0.00	42.53 1.72 0.00	38.05 1.49 0.00	40.67 1.59 0.00	55.37 2.34 0.00	55.69 2.64 0.00	48.20 3.07 0.00	60.64 2.96 -4.69	74.84 3.76 -3.19	58.88 2.72 -12.64	93.48 3.56 -28.37	78.63 2.78 -33.19	90.81 3.77 -33.01	130.07 4.32 -51.53	121.68 3.88 -32.41	82.89 3.64 -17.50	51.75 2.64 -12.21	76.79 4.66 0.00	120.80 6.64 0.00	60.27 3.25 0.00	47.32 2.55 0.00	50.58 2.64 0.00
NORTHPORT___4 23650	47.61 2.20 0.00	61.04 2.51 0.00	44.02 1.80 0.00	42.53 1.72 0.00	38.05 1.49 0.00	40.67 1.59 0.00	55.37 2.34 0.00	55.69 2.64 0.00	48.20 3.07 0.00	60.64 2.96 -4.69	74.84 3.76 -3.19	58.88 2.72 -12.64	93.48 3.56 -28.37	78.63 2.78 -33.19	90.81 3.77 -33.01	130.07 4.32 -51.53	121.68 3.88 -32.41	82.89 3.64 -17.50	51.75 2.64 -12.21	76.79 4.66 0.00	120.80 6.64 0.00	60.27 3.25 0.00	47.32 2.55 0.00	50.58 2.64 0.00
NORTHPORT___IC 23718	47.61 2.21 0.00	60.90 2.37 0.00	44.02 1.81 0.00	42.52 1.72 0.00	38.02 1.46 0.00	40.62 1.54 0.00	55.29 2.25 0.00	55.59 2.55 0.00	48.17 3.05 0.00	60.61 2.93 -4.69	74.86 3.77 -3.19	58.88 2.73 -12.64	93.45 3.54 -28.37	78.61 2.77 -33.19	90.81 3.77 -33.01	130.02 4.27 -51.53	121.50 3.69 -32.41	82.82 3.57 -17.50	51.74 2.64 -12.21	76.85 4.72 0.00	120.85 6.70 0.00	60.32 3.31 0.00	47.34 2.57 0.00	50.55 2.61 0.00
NORTH___COUNTRY_ESR 323785	45.33 -0.07 0.00	58.28 -0.26 0.00	42.00 -0.22 0.00	40.54 -0.27 0.00	36.36 -0.20 0.00	38.78 -0.29 0.00	52.48 -0.56 0.00	52.78 -0.27 0.00	44.78 -0.35 0.00	52.68 -0.31 0.00	67.25 -0.64 0.00	42.94 -0.57 0.00	59.79 -1.76 0.00	41.36 -1.30 0.00	52.47 -1.56 0.00	72.53 -1.69 0.00	84.64 -0.74 0.00	60.99 -0.76 0.00	36.21 -0.68 0.00	70.99 -1.14 0.00	112.78 -1.38 0.00	56.50 -0.52 0.00	44.48 -0.28 0.00	47.93 -0.01 0.00
NPX_GEN_1385_PROXY 323591	47.06 1.65 0.00	60.81 2.27 0.00	43.84 1.63 0.00	42.36 1.55 0.00	37.67 1.11 0.00	39.97 0.90 0.00	54.47 1.44 0.00	55.27 2.22 0.00	47.48 2.35 0.00	59.26 1.58 -4.69	73.09 2.00 -3.19	58.17 2.02 -12.64	91.99 2.08 -28.37	77.62 1.78 -33.19	90.49 3.46 -33.01	128.12 2.37 -51.53	110.07 1.44 -23.25	28.68 1.86 34.92	42.86 1.61 -4.36	75.76 3.63 0.00	118.97 4.81 0.00	60.01 3.00 0.00	46.51 1.74 0.00	49.54 1.60 0.00
NPX_GEN_CSC 323557	47.59 2.18 0.00	60.68 2.14 0.00	43.68 1.47 0.00	42.29 1.48 0.00	37.77 1.21 0.00	40.32 1.24 0.00	54.93 1.90 0.00	55.33 2.29 0.00	47.95 2.83 0.00	60.52 2.84 -4.69	74.79 3.71 -3.19	58.98 2.82 -12.64	93.60 3.69 -28.37	78.67 2.83 -33.19	90.93 3.89 -33.01	130.36 4.61 -51.53	121.87 4.07 -32.41	83.21 3.96 -17.50	52.03 2.92 -12.21	77.45 5.32 0.00	121.73 7.58 0.00	60.69 3.68 0.00	47.64 2.88 0.00	50.72 2.78 0.00
NSINS_S_GLNS_FALLS 23858	47.44 2.04 0.00	61.08 2.54 0.00	44.10 1.89 0.00	42.52 1.71 0.00	38.12 1.56 0.00	40.93 1.85 0.00	97.35 2.45 -41.86	64.00 2.43 -8.52	59.21 2.23 -11.85	66.39 2.32 -11.08	78.76 2.84 -8.03	53.60 1.84 -8.25	77.60 2.27 -13.78	53.60 1.25 -9.70	62.61 1.64 -6.94	87.18 2.49 -10.49	94.79 2.80 -6.60	67.85 2.54 -3.56	41.40 2.00 -2.51	75.93 3.80 0.00	119.98 5.83 0.00	59.92 2.91 0.00	46.96 2.19 0.00	50.41 2.48 0.00
NUCOR_STEEL___DRP 24197	41.43 0.10 4.07	47.06 -0.01 11.47	33.96 0.01 8.27	32.44 0.04 8.40	31.76 0.04 4.84	34.69 0.10 4.48	39.99 0.07 13.12	48.25 -0.16 4.63	43.00 -0.26 1.87	51.76 -0.31 0.92	67.63 -0.26 0.00	41.38 -0.05 2.09	53.14 0.19 8.59	37.28 0.29 5.67	48.41 0.15 5.77	61.89 0.09 12.41	64.94 0.43 20.88	48.08 0.11 13.78	35.28 0.25 1.87	72.57 0.66 0.22	113.53 0.65 1.27	53.27 -0.08 3.66	42.09 -0.24 2.45	39.13 0.01 8.82

NUMBER_THREE_WT_PWR 323818	45.91 0.51 0.00	58.50 -0.04 0.00	42.21 -0.01 0.00	41.22 0.42 0.00	37.05 0.49 0.00	39.23 0.15 0.00	53.24 0.20 0.00	53.09 0.05 0.00	44.89 -0.23 0.00	53.25 0.25 0.00	68.25 0.36 0.00	42.84 -0.68 0.00	60.80 -0.75 0.00	42.62 -0.04 0.00	55.29 1.26 0.00	74.65 0.44 0.00	85.99 0.60 0.00	63.12 1.37 0.00	36.96 0.07 0.00	73.33 1.20 0.00	116.56 2.40 0.00	58.78 1.77 0.00	46.62 1.85 0.00	48.90 0.96 0.00
NYISO_LBMP_REFERENCE 24008	45.41 0.00 0.00	58.54 0.00 0.00	42.21 0.00 0.00	40.81 0.00 0.00	36.56 0.00 0.00	39.07 0.00 0.00	53.04 0.00 0.00	53.04 0.00 0.00	45.13 0.00 0.00	52.99 0.00 0.00	67.89 0.00 0.00	43.51 0.00 0.00	61.55 0.00 0.00	42.66 0.00 0.00	54.03 0.00 0.00	74.21 0.00 0.00	85.39 0.00 0.00	61.75 0.00 0.00	36.89 0.00 0.00	72.13 0.00 0.00	114.16 0.00 0.00	57.01 0.00 0.00	44.77 0.00 0.00	47.94 0.00 0.00
NYPA_BRENTWD____GT 24164	48.28 2.88 0.00	61.80 3.26 0.00	44.52 2.31 0.00	43.04 2.23 0.00	38.49 1.93 0.00	41.14 2.07 0.00	56.09 3.05 0.00	56.46 3.41 0.00	48.90 3.77 0.00	61.54 3.86 -4.69	76.14 5.06 -3.19	59.60 3.44 -12.64	94.47 4.56 -28.37	79.33 3.49 -33.19	91.73 4.69 -33.01	131.39 5.65 -51.53	123.06 5.25 -32.41	83.92 4.66 -17.50	52.46 3.36 -12.21	78.16 6.03 0.00	123.12 8.96 0.00	61.51 4.50 0.00	48.23 3.46 0.00	51.40 3.46 0.00
NYPA_GOWANUS____GT5 24156	47.46 2.05 0.00	61.01 2.47 0.00	43.90 1.69 0.00	42.45 1.64 0.00	38.08 1.52 0.00	40.80 1.73 0.00	55.63 2.60 0.00	56.05 3.01 0.00	48.12 3.00 0.00	61.29 3.56 -4.74	75.62 4.53 -3.20	59.31 3.11 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.37 4.20 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.17 4.85 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.80 3.78 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NYPA_GOWANUS____GT6 24157	47.46 2.05 0.00	61.01 2.47 0.00	43.90 1.69 0.00	42.45 1.64 0.00	38.08 1.52 0.00	40.80 1.73 0.00	55.63 2.60 0.00	56.05 3.01 0.00	48.12 3.00 0.00	61.29 3.56 -4.74	75.62 4.53 -3.20	59.31 3.11 -12.68	94.59 4.58 -28.46	79.44 3.49 -33.29	91.37 4.20 -33.14	131.39 5.44 -51.73	123.52 5.59 -32.54	84.17 4.85 -17.57	52.40 3.25 -12.26	77.76 5.63 0.00	121.93 7.77 0.00	60.80 3.78 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NYPA_HARLEM_RVR_GT1 24160	47.39 1.99 0.00	60.94 2.41 0.00	43.90 1.68 0.00	42.47 1.66 0.00	38.12 1.56 0.00	40.82 1.75 0.00	55.68 2.64 0.00	56.10 3.05 0.00	48.11 2.99 0.00	61.33 3.60 -4.74	75.55 4.46 -3.20	59.23 3.04 -12.68	94.59 4.58 -28.46	79.38 3.43 -33.29	91.31 4.14 -33.14	131.26 5.31 -51.73	123.46 5.53 -32.54	83.98 4.66 -17.57	52.21 3.05 -12.26	77.41 5.28 0.00	121.54 7.38 0.00	60.50 3.49 0.00	47.64 2.88 0.00	50.68 2.74 0.00
NYPA_HARLEM_RVR_GT2 24161	47.39 1.99 0.00	60.94 2.41 0.00	43.90 1.68 0.00	42.47 1.66 0.00	38.12 1.56 0.00	40.82 1.75 0.00	55.68 2.64 0.00	56.10 3.05 0.00	48.11 2.99 0.00	61.33 3.60 -4.74	75.55 4.46 -3.20	59.23 3.04 -12.68	94.59 4.58 -28.46	79.38 3.43 -33.29	91.31 4.14 -33.14	131.26 5.31 -51.73	123.46 5.53 -32.54	83.98 4.66 -17.57	52.21 3.05 -12.26	77.41 5.28 0.00	121.54 7.38 0.00	60.50 3.49 0.00	47.64 2.88 0.00	50.68 2.74 0.00
NYPA_KENT____GT 24152	47.52 2.12 0.00	61.07 2.54 0.00	43.96 1.75 0.00	42.50 1.69 0.00	38.13 1.57 0.00	40.85 1.78 0.00	55.73 2.69 0.00	56.13 3.08 0.00	48.23 3.10 0.00	61.43 3.70 -4.74	75.79 4.69 -3.20	59.38 3.19 -12.68	94.73 4.72 -28.46	79.49 3.54 -33.29	91.43 4.27 -33.14	131.43 5.48 -51.73	123.61 5.68 -32.54	84.15 4.83 -17.57	52.38 3.23 -12.26	77.78 5.65 0.00	121.95 7.79 0.00	60.75 3.74 0.00	47.80 3.03 0.00	50.83 2.89 0.00
NYPA_POUCH1____GT 24155	47.41 2.01 0.00	60.96 2.42 0.00	43.88 1.66 0.00	42.42 1.61 0.00	38.05 1.49 0.00	40.76 1.69 0.00	55.58 2.55 0.00	55.97 2.93 0.00	48.05 2.92 0.00	61.10 3.38 -4.74	75.40 4.30 -3.20	59.19 2.99 -12.68	94.31 4.30 -28.46	79.31 3.35 -33.29	91.17 4.01 -33.14	131.13 5.18 -51.73	123.38 5.45 -32.54	84.15 4.82 -17.57	52.30 3.15 -12.26	77.59 5.47 0.00	121.65 7.50 0.00	60.70 3.69 0.00	47.74 2.98 0.00	50.74 2.80 0.00
NYPA_VERNON____GT2 24162	47.57 2.17 0.00	61.15 2.62 0.00	44.01 1.79 0.00	42.54 1.73 0.00	38.19 1.63 0.00	40.91 1.84 0.00	55.80 2.77 0.00	56.22 3.18 0.00	48.31 3.18 0.00	61.56 3.83 -4.74	75.95 4.86 -3.20	59.45 3.26 -12.68	94.90 4.89 -28.46	79.56 3.61 -33.29	91.53 4.37 -33.14	131.52 5.57 -51.73	123.71 5.78 -32.54	84.20 4.88 -17.57	52.40 3.25 -12.26	77.77 5.64 0.00	121.94 7.79 0.00	60.71 3.69 0.00	47.79 3.02 0.00	50.85 2.90 0.00
NYPA_VERNON____GT3 24163	47.57 2.17 0.00	61.15 2.62 0.00	44.01 1.79 0.00	42.54 1.73 0.00	38.19 1.63 0.00	40.91 1.84 0.00	55.80 2.77 0.00	56.22 3.18 0.00	48.31 3.18 0.00	61.56 3.83 -4.74	75.95 4.86 -3.20	59.45 3.26 -12.68	94.90 4.89 -28.46	79.56 3.61 -33.29	91.53 4.37 -33.14	131.52 5.57 -51.73	123.71 5.78 -32.54	84.20 4.88 -17.57	52.40 3.25 -12.26	77.77 5.64 0.00	121.94 7.79 0.00	60.71 3.69 0.00	47.79 3.02 0.00	50.85 2.90 0.00
NYPA____ASTORIA_CC1 323568	47.50 2.10 0.00	61.06 2.52 0.00	43.95 1.74 0.00	42.50 1.69 0.00	38.15 1.59 0.00	40.86 1.79 0.00	55.72 2.69 0.00	56.14 3.10 0.00	48.24 3.11 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.38 3.19 -12.68	94.79 4.78 -28.46	79.50 3.54 -33.29	91.44 4.27 -33.14	131.40 5.45 -51.73	123.58 5.65 -32.54	84.10 4.78 -17.57	52.33 3.18 -12.26	77.64 5.51 0.00	121.74 7.58 0.00	60.64 3.62 0.00	47.73 2.96 0.00	50.77 2.83 0.00
NYPA____ASTORIA_CC2 323569	47.50 2.10 0.00	61.06 2.52 0.00	43.95 1.74 0.00	42.50 1.69 0.00	38.15 1.59 0.00	40.86 1.79 0.00	55.72 2.69 0.00	56.14 3.10 0.00	48.24 3.11 0.00	61.46 3.73 -4.74	75.83 4.74 -3.20	59.38 3.19 -12.68	94.79 4.78 -28.46	79.50 3.54 -33.29	91.44 4.27 -33.14	131.40 5.45 -51.73	123.58 5.65 -32.54	84.10 4.78 -17.57	52.33 3.18 -12.26	77.64 5.51 0.00	121.74 7.58 0.00	60.64 3.62 0.00	47.73 2.96 0.00	50.77 2.83 0.00
NYPA____HOLTSVILL 23794	47.91 2.51 0.00	61.27 2.73 0.00	44.13 1.92 0.00	42.66 1.86 0.00	38.14 1.59 0.00	40.73 1.66 0.00	55.49 2.46 0.00	55.86 2.82 0.00	48.39 3.26 0.00	61.00 3.32 -4.69	75.40 4.31 -3.19	59.29 3.14 -12.64	94.03 4.12 -28.37	78.96 3.12 -33.19	91.28 4.24 -33.01	130.81 5.06 -51.53	122.40 4.60 -32.41	83.58 4.32 -17.50	52.24 3.13 -12.21	77.79 5.66 0.00	122.33 8.17 0.00	61.02 4.00 0.00	47.90 3.13 0.00	51.03 3.09 0.00
NYPA____HELLGATE_GT1 24158	47.39 1.99 0.00	60.94 2.41 0.00	43.90 1.68 0.00	42.47 1.66 0.00	38.12 1.56 0.00	40.82 1.75 0.00	55.68 2.64 0.00	56.10 3.05 0.00	48.11 2.99 0.00	61.33 3.60 -4.74	75.55 4.46 -3.20	59.23 3.04 -12.68	94.59 4.58 -28.46	79.38 3.43 -33.29	91.31 4.14 -33.14	131.26 5.31 -51.73	123.46 5.53 -32.54	83.98 4.66 -17.57	52.21 3.05 -12.26	77.41 5.28 0.00	121.54 7.38 0.00	60.51 3.50 0.00	47.66 2.90 0.00	50.68 2.74 0.00

NYPY____HELLGATE_GT2 24159	47.39	60.94	43.90	42.47	38.12	40.82	55.68	56.10	48.11	61.33	75.55	59.23	94.59	79.38	91.31	131.26	123.46	83.98	52.21	77.41	121.54	60.51	47.66	50.68
	1.99	2.41	1.68	1.66	1.56	1.75	2.64	3.05	2.99	3.60	4.46	3.04	4.58	3.43	4.14	5.31	5.53	4.66	3.05	5.28	7.38	3.50	2.90	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	-3.20	-12.68	-28.46	-33.29	-33.14	-51.73	-32.54	-17.57	-12.26	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	27.50	15.93	11.48	10.08	16.63	21.53	5.77	29.84	35.70	45.99	62.89	27.79	22.50	14.77	24.05	24.24	11.87	12.70	24.61	65.03	100.90	39.90	31.38	14.89
	-2.15	-1.97	-1.54	-1.25	-1.56	-1.83	-1.80	-2.27	-2.81	-3.73	-4.21	-2.14	-3.86	-2.76	-3.65	-4.41	-3.11	-1.92	-1.94	-4.89	-9.01	-4.68	-3.54	-2.77
	15.76	40.63	29.20	29.48	18.36	15.71	45.46	20.94	6.63	3.26	0.79	13.58	35.18	25.13	26.33	45.56	70.41	47.14	10.34	2.21	4.25	12.43	9.84	30.27
OAK ORCHARD____HYD 24046	33.91	29.85	21.48	19.99	23.40	27.45	20.97	38.40	39.40	49.30	66.63	38.05	39.74	28.22	39.13	44.00	36.49	29.82	32.11	70.23	107.91	46.48	37.27	25.87
	-0.86	-0.79	-0.67	-0.53	-0.72	-0.81	-0.70	-0.88	-1.17	-1.44	-1.26	-0.63	-1.34	-1.06	-1.56	-1.55	-0.67	-0.11	-0.47	-1.40	-3.31	-1.96	-1.66	-1.29
	10.64	27.90	20.06	20.28	12.44	10.81	31.37	13.76	4.56	2.24	0.00	4.83	20.46	13.38	13.33	28.67	48.23	31.83	4.31	0.50	2.94	8.57	5.84	20.77
OAKDALE____35_KV_LOAD 356122	36.33	32.92	23.68	21.99	25.70	29.07	23.64	51.85	40.72	50.84	67.71	38.57	42.97	30.67	41.97	47.94	40.80	54.80	33.34	72.53	112.07	49.27	39.56	79.48
	0.02	0.02	-0.04	-0.04	-0.05	0.01	0.14	0.07	-0.02	0.01	0.11	0.20	0.55	0.51	0.40	0.50	0.39	0.72	0.48	0.88	0.67	0.17	0.08	0.10
	9.09	25.63	18.49	18.78	10.81	10.01	29.54	1.26	4.39	2.16	0.29	5.14	19.13	12.50	12.46	26.78	44.98	7.67	4.03	0.47	2.75	7.92	5.29	-31.45
OCC_CHEM____DRP 24175	28.07	14.73	10.49	9.00	17.24	20.78	3.31	32.97	34.57	45.00	61.28	25.83	19.57	12.71	21.58	20.63	7.60	9.73	23.15	63.22	97.90	38.07	30.44	13.74
	-2.73	-2.65	-2.05	-1.67	-1.97	-2.22	-2.45	-3.03	-3.67	-4.60	-5.76	-3.27	-5.16	-3.58	-4.79	-6.03	-4.54	-2.96	-2.82	-6.55	-11.82	-6.15	-4.33	-3.44
	14.60	41.15	29.67	30.13	17.36	16.07	47.28	17.04	6.89	3.39	0.86	14.41	36.81	26.37	27.67	47.55	73.25	49.06	10.92	2.36	4.44	12.80	10.00	30.76
OH_GEN_PROXY 24063	26.49	14.40	10.42	9.07	15.68	20.84	4.39	28.17	35.16	45.72	62.47	27.55	21.64	14.42	23.67	22.94	9.53	11.07	24.30	64.61	99.93	39.11	30.70	13.71
	-2.64	-2.73	-2.06	-1.74	-1.97	-2.25	-2.52	-2.87	-3.24	-3.97	-4.69	-2.73	-4.70	-3.25	-4.26	-5.39	-4.45	-2.93	-2.45	-5.40	-9.91	-5.23	-4.03	-3.39
	16.28	41.41	29.74	30.00	18.92	15.99	46.13	22.01	6.72	3.31	0.74	13.24	35.21	25.00	26.10	45.88	71.41	47.75	10.14	2.11	4.32	12.68	10.04	30.84
OLIN_CORP_DRP 24177	27.89	14.27	10.19	8.64	17.09	20.61	2.76	32.84	34.72	45.07	61.70	26.15	19.60	12.60	21.71	20.61	6.99	9.35	23.35	63.68	98.97	38.54	30.62	13.48
	-2.68	-2.46	-1.88	-1.55	-1.84	-2.14	-2.25	-2.89	-3.41	-4.48	-5.32	-2.74	-4.56	-3.28	-4.23	-5.31	-3.99	-2.56	-2.46	-6.06	-10.70	-5.54	-4.12	-3.22
	14.84	41.81	30.15	30.61	17.63	16.33	48.03	17.32	7.00	3.45	0.87	14.62	37.39	26.78	28.09	48.30	74.41	49.84	11.09	2.39	4.49	12.93	10.03	31.25
OLIN_CORP_DSASP 323712	28.07	14.73	10.49	9.00	17.24	20.78	3.31	32.97	34.57	45.00	61.28	25.83	19.57	12.71	21.58	20.63	7.60	9.73	23.15	63.22	97.90	38.07	30.44	13.74
	-2.73	-2.65	-2.05	-1.67	-1.97	-2.22	-2.45	-3.03	-3.67	-4.60	-5.76	-3.27	-5.16	-3.58	-4.79	-6.03	-4.54	-2.96	-2.82	-6.55	-11.82	-6.15	-4.33	-3.44
	14.60	41.15	29.67	30.13	17.36	16.07	47.28	17.04	6.89	3.39	0.86	14.41	36.81	26.37	27.67	47.55	73.25	49.06	10.92	2.36	4.44	12.80	10.00	30.76
ONEIDA_HERK_LFGE 323681	46.21	59.25	42.73	41.47	37.21	39.66	53.85	53.74	45.50	53.62	68.83	43.79	62.10	43.30	55.50	75.77	87.04	63.60	37.67	74.21	117.46	58.82	46.30	49.09
	0.80	0.71	0.51	0.66	0.65	0.59	0.82	0.69	0.36	0.63	0.94	0.28	0.56	0.64	1.47	1.56	1.66	1.85	0.79	2.08	3.31	1.81	1.53	1.15
	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
ONEIDA____115KV_TB4 55905	46.36	59.65	42.98	41.58	37.27	39.89	54.21	54.08	45.68	53.63	68.95	44.22	62.86	43.68	55.67	76.47	87.63	63.97	37.97	74.77	118.08	58.91	46.18	49.29
	0.95	1.12	0.76	0.77	0.71	0.81	1.18	1.04	0.55	0.64	1.06	0.70	1.31	1.02	1.64	2.26	2.25	2.22	1.08	2.64	3.92	1.90	1.41	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	45.23	58.31	42.01	40.63	36.37	38.91	52.88	52.75	44.73	52.60	67.48	43.38	61.59	42.78	54.06	74.24	85.47	62.10	37.08	72.48	114.24	56.91	44.58	47.75
	-0.17	-0.22	-0.20	-0.17	-0.19	-0.17	-0.15	-0.30	-0.39	-0.39	-0.42	-0.13	0.05	0.12	0.03	0.02	0.08	0.35	0.19	0.35	0.08	-0.11	-0.19	-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	0.00
ONONDAGA____COGEN 23986	42.44	50.52	36.40	34.93	33.08	35.86	44.03	49.60	43.40	51.85	67.29	41.86	55.68	38.86	50.09	65.75	71.38	52.75	35.72	72.14	113.14	54.30	42.81	41.85
	-0.24	-0.32	-0.26	-0.24	-0.23	-0.20	-0.22	-0.39	-0.49	-0.53	-0.60	-0.25	-0.10	-0.01	-0.11	-0.23	-0.16	0.10	0.07	0.16	-0.17	-0.29	-0.34	-0.32
	2.73	7.70	5.55	5.64	3.25	3.01	8.79	3.05	1.24	0.61	0.00	1.40	5.77	3.79	3.83	8.23	13.85	9.10	1.24	0.14	0.84	2.43	1.62	5.77
ONTARIO____LFGE 23819	31.93	21.21	15.15	13.41	20.56	24.25	10.60	37.44	38.27	49.11	67.23	41.04	37.28	28.53	40.16	37.54	20.96	19.50	34.06	72.46	109.53	45.20	37.59	20.13
	-0.45	-0.62	-0.60	-0.52	-0.52	-0.49	-0.28	-0.44	-0.72	-0.86	-1.23	-0.63	-0.74	-0.25	-1.01	-1.24	-0.44	-0.46	0.02	-0.05	-0.70	-0.52	-0.62	-0.53
	13.02	36.71	26.47	26.88	15.48	14.34	42.15	15.17	6.13	3.02	-0.57	1.85	23.52	13.88	12.86	35.43	63.99	41.79	2.84	-0.38	3.92	11.30	6.56	27.27
ORANGEVILLE_WT_PWR 323706	21.89	-2.36	-2.05	-3.66	9.37	14.06	-15.65	24.51	32.88	44.84	59.95	-1.52	-11.97	-14.95	-10.36	-10.22	-23.74	-13.25	6.97	60.27	100.58	35.14	23.19	1.67
	-2.23	-2.67	-2.33	-1.96	-2.06	-2.34	-2.34	-2.47	-2.56	-3.38	-4.31	-2.94	-4.76	-2.94	-4.05	-5.36	-4.69	-3.05	-2.05	-4.02	-7.38	-3.92	-3.16	-2.79
	21.29	58.23	41.94	42.51	25.13	22.67	66.35	26.07	9.69	4.77	3.64	42.09	68.76	54.67	60.34	79.08	104.43	71.95	27.87	7.83	6.20	17.95	18.41	43.48
ORANGEVILLE____ESR 323794	21.89	-2.36	-2.05	-3.66	9.37	14.06	-15.65	24.51	32.88	44.84	59.95	-1.52	-11.97	-14.95	-10.36	-10.22	-23.74	-13.25	6.97	60.27	100.58	35.14	23.19	1.67
	-2.23	-2.67	-2.33	-1.96	-2.06	-2.34	-2.34	-2.47	-2.56	-3.38	-4.31	-2.94	-4.76	-2.94	-4.05	-5.36	-4.69	-3.05	-2.05	-4.02	-7.38	-3.92	-3.16	-2.79
	21.29	58.23	41.94	42.51	25.13	22.67	66.35	26.07	9.69	4.77	3.64	42.09	68.76	54.67	60.34	79.08	104.43	71.95	27.87	7.83	6.20	17.95	18.41	43.48

OSWEGATCHIE___HYD 24044	45.91	58.75	42.38	41.22	36.99	39.29	53.38	53.29	44.95	53.15	68.19	43.06	60.54	42.11	54.03	73.40	84.74	61.81	36.41	72.13	115.14	58.11	46.01	48.79
	0.51	0.22	0.17	0.41	0.43	0.21	0.35	0.25	-0.18	0.16	0.30	-0.45	-1.01	-0.55	0.00	-0.81	-0.65	0.06	-0.48	0.01	0.98	1.09	1.25	0.85
	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
OSWEGO___5 23606	44.34	57.19	41.22	39.87	35.70	38.16	51.82	51.69	43.84	51.50	66.07	42.39	60.03	41.66	52.71	72.37	83.35	60.46	36.11	70.55	111.31	55.51	43.53	46.67
	-1.06	-1.35	-0.99	-0.94	-0.86	-0.91	-1.22	-1.36	-1.28	-1.50	-1.83	-1.12	-1.51	-1.00	-1.32	-1.85	-2.03	-1.29	-0.77	-1.57	-2.84	-1.51	-1.23	-1.27
	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
OSWEGO___6 23613	44.34	57.19	41.22	39.87	35.70	38.16	51.82	51.69	43.84	51.50	66.07	42.39	60.03	41.66	52.71	72.37	83.35	60.46	36.11	70.55	111.31	55.51	43.53	46.67
	-1.06	-1.35	-0.99	-0.94	-0.86	-0.91	-1.22	-1.36	-1.28	-1.50	-1.83	-1.12	-1.51	-1.00	-1.32	-1.85	-2.03	-1.29	-0.77	-1.57	-2.84	-1.51	-1.23	-1.27
	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
OUTOKUMPU-AB___DRP 24206	28.47	14.46	10.23	8.66	17.27	20.90	2.69	33.48	35.47	46.23	63.12	26.33	19.71	12.65	21.83	20.81	7.06	9.48	23.65	65.18	101.24	39.49	31.19	13.78
	-1.82	-1.50	-1.28	-0.96	-1.33	-1.55	-1.42	-1.92	-2.53	-3.26	-3.85	-2.04	-3.53	-2.51	-3.31	-4.06	-2.52	-1.47	-1.78	-4.45	-8.35	-4.41	-3.22	-2.34
	15.11	42.58	30.70	31.18	17.96	16.63	48.93	17.64	7.14	3.51	0.92	15.14	38.30	27.50	28.89	49.35	75.81	50.81	11.45	2.49	4.56	13.12	10.36	31.83
OXBOW___BTM 323836	26.26	13.14	9.46	8.09	15.24	20.37	2.77	28.04	34.92	45.59	62.24	26.07	19.35	12.65	21.62	20.65	7.02	9.36	23.36	64.20	99.41	38.58	30.31	12.74
	-2.37	-2.33	-1.82	-1.50	-1.79	-2.06	-2.15	-2.58	-3.19	-3.94	-4.77	-2.66	-4.63	-3.07	-4.12	-5.11	-3.82	-2.45	-2.34	-5.49	-10.26	-5.31	-3.86	-3.12
	16.78	43.06	30.94	31.23	19.53	16.64	48.11	22.42	7.02	3.45	0.89	14.78	37.57	26.94	28.28	48.46	74.54	49.95	11.19	2.42	4.48	13.12	10.60	32.08
OXBOW___ 24026	28.24	14.56	10.32	8.79	17.22	20.81	2.97	33.19	35.00	45.59	62.20	26.08	19.60	12.67	21.70	20.71	7.29	9.59	23.38	64.18	99.56	38.83	30.79	13.72
	-2.30	-2.10	-1.70	-1.35	-1.68	-1.91	-1.95	-2.51	-3.12	-3.95	-4.81	-2.66	-4.38	-3.05	-4.05	-5.05	-3.55	-2.22	-2.31	-5.53	-10.11	-5.28	-3.79	-2.92
	14.86	41.88	30.20	30.66	17.66	16.36	48.11	17.34	7.02	3.45	0.89	14.78	37.56	26.94	28.28	48.46	74.54	49.95	11.19	2.42	4.48	12.90	10.18	31.30
OXY_CHEM_DSASP 323612	28.07	14.73	10.49	9.00	17.24	20.78	3.31	32.97	34.57	45.00	61.28	25.83	19.57	12.71	21.58	20.63	7.60	9.73	23.15	63.22	97.90	38.07	30.44	13.74
	-2.73	-2.65	-2.05	-1.67	-1.97	-2.22	-2.45	-3.03	-3.67	-4.60	-5.76	-3.27	-5.16	-3.58	-4.79	-6.03	-4.54	-2.96	-2.82	-6.55	-11.82	-6.15	-4.33	-3.44
	14.60	41.15	29.67	30.13	17.36	16.07	47.28	17.04	6.89	3.39	0.86	14.41	36.81	26.37	27.67	47.55	73.25	49.06	10.92	2.36	4.44	12.80	10.00	30.76
OZONE_PARK_ESR 323760	48.09	61.74	44.44	42.93	38.51	41.27	56.29	56.71	48.77	62.15	76.78	59.91	95.71	80.10	92.24	132.54	124.83	84.95	52.88	78.73	123.54	61.46	48.33	51.37
	2.69	3.21	2.23	2.12	1.94	2.19	3.26	3.66	3.64	4.42	5.68	3.72	5.70	4.14	5.07	6.59	6.90	5.63	3.73	6.61	9.38	4.45	3.56	3.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	-3.20	-12.68	-28.47	-33.30	-33.14	-51.74	-32.55	-17.57	-12.26	0.00	0.00	0.00	0.00	0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.07	14.73	10.49	9.00	17.24	20.78	3.31	32.97	34.57	45.00	61.28	25.83	19.57	12.71	21.58	20.63	7.60	9.73	23.15	63.22	97.90	38.07	30.44	13.74
	-2.73	-2.65	-2.05	-1.67	-1.97	-2.22	-2.45	-3.03	-3.67	-4.60	-5.76	-3.27	-5.16	-3.58	-4.79	-6.03	-4.54	-2.96	-2.82	-6.55	-11.82	-6.15	-4.33	-3.44
	14.60	41.15	29.67	30.13	17.36	16.07	47.28	17.04	6.89	3.39	0.86	14.41	36.81	26.37	27.67	47.55	73.25	49.06	10.92	2.36	4.44	12.80	10.00	30.76
PACKARD___115KV_DUPONT_184 80571	26.09	13.36	9.63	8.30	15.26	20.34	3.13	27.85	34.49	45.00	61.32	25.83	19.26	12.70	21.49	20.58	7.38	9.51	23.11	63.25	97.74	37.83	29.95	12.77
	-2.80	-2.85	-2.17	-1.82	-2.08	-2.37	-2.62	-3.09	-3.74	-4.60	-5.72	-3.27	-5.47	-3.59	-4.87	-6.08	-4.76	-3.18	-2.86	-6.52	-11.98	-6.16	-4.41	-3.63
	16.51	42.33	30.41	30.69	19.22	16.36	47.28	22.10	6.89	3.39	0.86	14.41	36.82	26.37	27.67	47.55	73.25	49.06	10.92	2.36	4.44	13.02	10.41	31.54
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.47	61.00	43.99	42.51	38.16	40.86	55.70	56.14	48.14	61.35	75.65	59.30	94.67	79.44	91.40	131.43	123.54	84.04	52.28	77.57	121.76	60.64	47.68	50.66
	2.06	2.47	1.77	1.71	1.60	1.79	2.66	3.10	3.01	3.63	4.56	3.10	4.66	3.49	4.24	5.48	5.61	4.72	3.13	5.44	7.60	3.63	2.91	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	-3.20	-12.68	-28.46	-33.29	-33.14	-51.73	-32.54	-17.57	-12.26	0.00	0.00	0.00	0.00	0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.42	62.32	44.95	43.50	39.05	41.93	57.15	57.51	49.24	62.61	77.14	60.35	96.15	80.50	92.75	133.33	125.48	85.48	53.02	79.00	124.30	61.87	48.68	51.70
	3.01	3.78	2.73	2.69	2.49	2.86	4.11	4.47	4.11	4.88	6.04	4.15	6.14	4.54	5.58	7.39	7.55	6.16	3.86	6.88	10.14	4.86	3.91	3.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.74	-3.20	-12.68	-28.46	-33.29	-33.14	-51.73	-32.54	-17.57	-12.26	0.00	0.00	0.00	0.00	0.00
PATROON___115KV_TB1 80586	45.76	59.08	42.74	41.27	37.02	39.57	-2.85	41.97	29.92	39.60	59.40	41.01	64.35	54.08	62.51	86.88	93.29	66.47	40.35	72.82	114.97	57.40	45.14	48.28
	0.35	0.55	0.53	0.46	0.46	0.50	0.42	0.39	0.66	0.67	0.74	0.50	0.82	0.45	0.60	0.75	0.41	0.67	0.61	0.69	0.81	0.39	0.37	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	56.30	11.46	15.86	14.06	9.24	3.01	-1.99	-10.97	-7.89	-11.92	-7.50	-4.05	-2.85	0.00	0.00	0.00	0.00	0.00
PATTRSNVILLE___SOLAR 323815	46.69	60.21	43.42	41.94	37.59	40.22	62.93	56.08	48.78	56.53	71.04	48.08	71.04	52.07	55.77	76.51	87.65	63.54	38.29	74.60	117.93	58.87	46.19	49.40
	1.29	1.67	1.20	1.13	1.03	1.15	1.58	1.35	1.28	1.33	1.12	0.63	0.87	0.61	1.06	2.30	2.26	1.79	1.31	2.48	3.77	1.86	1.42	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	-8.31	-1.69	-2.37	-2.22	-2.03	-3.94	-8.61	-8.80	-0.68	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.55	8.38	5.80	4.12	14.75	18.64	-4.36	31.14	34.90	46.40	64.05	25.41	15.54	9.89	19.30	15.00	-3.57	2.52	22.99	66.23	102.65	38.60	30.50	9.59
	-1.50	-1.24	-1.14	-0.87	-1.18	-1.32	-1.18	-1.63	-2.02	-2.55	-2.89	-1.50	-2.72	-1.90	-2.44	-3.04	-1.94	-0.99	-1.26	-3.22	-6.25	-3.28	-2.54	-1.78
	17.36	48.92	35.27	35.82	20.63	19.11	56.21	20.28	8.20	4.04	0.95	16.60	43.29	30.86	32.29	56.17	87.01	58.24	12.64	2.68	5.25	15.13	11.73	36.57

PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.62 2.22 0.00	61.17 2.63 0.00	44.04 1.83 0.00	42.53 1.72 0.00	38.15 1.58 0.00	40.88 1.80 0.00	55.73 2.70 0.00	56.10 3.06 0.00	48.20 3.07 0.00	58.86 3.71 -2.16	74.79 4.80 -2.10	55.70 3.13 -9.06	87.49 4.76 -21.18	70.92 3.48 -24.78	80.11 4.23 -21.85	113.45 5.49 -33.74	112.26 5.65 -21.22	77.94 4.73 -11.46	48.00 3.12 -7.99	77.60 5.47 0.00	121.88 7.72 0.00	60.62 3.60 0.00	47.57 2.81 0.00	50.64 2.70 0.00
PEEKSKILL____ 23653	47.18 1.77 0.00	60.66 2.12 0.00	43.66 1.44 0.00	42.20 1.39 0.00	37.84 1.28 0.00	40.54 1.46 0.00	55.25 2.22 0.00	55.58 2.54 0.00	47.71 2.57 0.00	61.66 3.08 -5.59	75.27 3.96 -3.41	59.95 2.65 -13.79	96.97 4.17 -31.26	82.28 3.06 -36.56	94.82 3.81 -36.98	136.92 4.89 -57.82	126.75 5.00 -36.37	85.62 4.23 -19.64	53.37 2.78 -13.70	76.93 4.80 0.00	120.83 6.67 0.00	60.09 3.08 0.00	47.21 2.44 0.00	50.28 2.34 0.00
PGE MADISON__WINDPWR 24146	55.05 1.38 -8.27	83.91 2.07 -23.30	60.02 1.00 -16.80	58.47 0.60 -17.06	46.82 0.43 -9.83	48.85 0.68 -9.10	81.78 2.00 -26.74	63.90 2.27 -8.59	50.46 1.45 -3.88	56.34 1.44 -1.91	70.04 2.23 0.09	50.23 1.34 -5.37	82.84 2.57 -18.73	57.09 1.73 -12.70	69.69 2.89 -12.77	103.28 4.25 -24.82	128.67 3.04 -40.25	88.98 2.82 -24.41	43.39 1.91 -4.59	77.87 4.97 -0.78	121.85 5.25 -2.44	66.12 2.07 -7.04	51.50 1.70 -5.03	61.55 1.95 -11.66
PIERCEFIELD____HYD 23852	45.83 0.43 0.00	58.92 0.38 0.00	42.52 0.30 0.00	41.18 0.37 0.00	36.90 0.34 0.00	39.30 0.23 0.00	53.43 0.39 0.00	53.43 0.39 0.00	45.01 -0.12 0.00	53.01 0.01 0.00	68.05 0.16 0.00	43.26 -0.25 0.00	60.14 -1.41 0.00	41.45 -1.22 0.00	52.71 -1.31 0.00	72.30 -1.92 0.00	83.73 -1.66 0.00	60.50 -1.25 0.00	35.88 -1.02 0.00	70.67 -1.45 0.00	113.32 -0.84 0.00	57.34 0.32 0.00	45.40 0.63 0.00	48.58 0.63 0.00
PINELAWN_CC_1 323563	48.13 2.73 0.00	61.59 3.05 0.00	44.38 2.17 0.00	42.88 2.07 0.00	38.37 1.81 0.00	41.05 1.97 0.00	55.93 2.90 0.00	56.33 3.28 0.00	48.75 3.62 0.00	61.44 3.75 -4.69	76.04 4.96 -3.19	59.60 3.45 -12.64	94.57 4.66 -28.37	79.36 3.51 -33.19	91.73 4.70 -33.01	131.44 5.69 -51.53	123.37 5.57 -32.41	84.08 4.83 -17.50	52.48 3.37 -12.21	78.08 5.96 0.00	122.81 8.65 0.00	61.24 4.23 0.00	48.07 3.30 0.00	51.19 3.25 0.00
PJM_GEN_HTP_PROXY 323702	47.52 2.11 0.00	61.08 2.55 0.00	43.94 1.72 0.00	42.47 1.66 0.00	38.10 1.54 0.00	40.82 1.75 0.00	55.67 2.64 0.00	56.06 3.02 0.00	48.20 3.07 0.00	61.49 3.76 -4.74	75.93 4.83 -3.20	63.10 3.18 -16.41	94.96 4.91 -28.50	79.53 3.58 -33.30	91.56 4.39 -33.15	131.53 5.57 -51.75	110.27 5.83 -19.05	75.18 4.83 -8.60	52.47 3.21 -12.37	77.72 5.60 0.00	117.00 7.78 4.94	60.61 3.60 0.00	47.67 2.90 0.00	51.32 2.79 -0.60
PJM_GEN_KEystone 24065	33.92 -0.29 11.19	31.34 -0.33 26.87	22.67 -0.30 19.25	21.25 -0.23 19.33	23.42 -0.29 12.85	28.52 -0.26 10.30	23.53 -0.10 29.40	36.74 0.00 16.31	40.77 -0.05 4.31	42.54 0.01 10.45	63.82 0.13 4.20	34.64 0.22 9.09	61.29 0.44 0.69	51.02 0.44 -7.92	63.43 0.50 -8.90	83.25 0.53 -8.51	49.98 0.47 35.87	35.96 0.91 26.70	41.10 0.59 -3.62	71.95 0.67 0.85	106.36 -0.11 7.68	48.59 -0.27 8.16	38.48 -0.19 6.10	28.40 -0.10 19.44
PJM_GEN_NEPTUNE_PROXY 323594	47.56 2.15 0.00	60.94 2.40 0.00	43.91 1.70 0.00	42.44 1.63 0.00	37.99 1.43 0.00	40.66 1.58 0.00	55.38 2.35 0.00	55.75 2.70 0.00	48.17 3.04 0.00	60.89 3.21 -4.69	75.30 4.21 -3.19	62.78 2.90 -16.36	94.00 4.05 -28.40	78.91 3.07 -33.19	91.09 4.05 -33.01	130.59 4.85 -51.53	108.91 4.60 -18.92	74.40 4.12 -8.53	52.08 2.87 -12.32	77.13 5.00 0.00	116.30 7.08 4.94	60.39 3.38 0.00	47.46 2.69 0.00	51.19 2.66 -0.60
PJM_GEN_VFT_PROXY 323633	47.40 2.00 0.00	60.94 2.40 0.00	43.85 1.63 0.00	42.38 1.57 0.00	38.02 1.45 0.00	40.74 1.67 0.00	55.53 2.50 0.00	55.92 2.87 0.00	48.05 2.92 0.00	61.24 3.51 -4.74	75.69 4.59 -3.20	62.95 3.03 -16.40	94.75 4.71 -28.50	79.41 3.45 -33.30	91.39 4.22 -33.14	131.40 5.44 -51.74	110.10 5.67 -19.05	75.06 4.72 -8.60	52.41 3.15 -12.37	77.61 5.48 0.00	116.80 7.58 4.94	60.58 3.56 0.00	47.67 2.90 0.00	51.31 2.78 -0.60
PLATSBURG_115KV_PMLD1 355749	45.94 0.53 0.00	59.06 0.53 0.00	42.56 0.35 0.00	41.04 0.23 0.00	36.80 0.24 0.00	39.32 0.24 0.00	53.20 0.16 0.00	53.44 0.39 0.00	45.07 -0.06 0.00	53.00 0.00 0.00	67.68 -0.21 0.00	43.19 -0.33 0.00	60.14 -1.40 0.00	41.55 -1.11 0.00	52.89 -1.14 0.00	73.22 -1.00 0.00	85.46 0.07 0.00	61.91 0.16 0.00	36.80 -0.09 0.00	71.97 -0.15 0.00	114.11 -0.05 0.00	57.07 0.05 0.00	44.96 0.19 0.00	48.54 0.60 0.00
PLEASANTVLY____LBMP 24000	46.87 1.47 0.00	60.24 1.70 0.00	43.43 1.21 0.00	41.94 1.13 0.00	37.61 1.05 0.00	40.29 1.22 0.00	54.84 1.81 0.00	55.14 2.10 0.00	47.32 2.19 0.00	57.52 2.63 -1.90	73.34 3.37 -2.08	54.48 2.25 -8.73	85.24 3.54 -20.16	68.81 2.57 -23.58	78.46 3.12 -21.32	111.18 3.97 -32.99	110.06 3.92 -20.75	76.40 3.45 -11.21	47.08 2.36 -7.84	76.12 4.00 0.00	119.63 5.48 0.00	59.55 2.53 0.00	46.78 2.02 0.00	49.86 1.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.30 1.90 0.00	60.76 2.22 0.00	43.77 1.56 0.00	42.27 1.46 0.00	37.92 1.36 0.00	40.64 1.56 0.00	55.38 2.34 0.00	55.72 2.67 0.00	47.87 2.74 0.00	59.88 3.30 -3.59	75.06 4.25 -2.91	57.88 2.82 -11.55	91.85 4.36 -25.95	76.19 3.17 -30.36	87.69 3.93 -29.73	125.59 5.03 -46.35	119.66 5.12 -29.15	81.80 4.31 -15.74	50.76 2.88 -10.99	77.13 5.01 0.00	121.16 7.00 0.00	60.23 3.22 0.00	47.34 2.57 0.00	50.40 2.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.30 1.90 0.00	60.76 2.22 0.00	43.77 1.56 0.00	42.27 1.46 0.00	37.92 1.36 0.00	40.64 1.56 0.00	55.38 2.34 0.00	55.72 2.67 0.00	47.87 2.74 0.00	59.88 3.30 -3.59	75.06 4.25 -2.91	57.88 2.82 -11.55	91.85 4.36 -25.95	76.19 3.17 -30.36	87.69 3.93 -29.73	125.59 5.03 -46.35	119.66 5.12 -29.15	81.80 4.31 -15.74	50.76 2.88 -10.99	77.13 5.01 0.00	121.16 7.00 0.00	60.23 3.22 0.00	47.34 2.57 0.00	50.40 2.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.33 1.93 0.00	60.84 2.30 0.00	43.83 1.62 0.00	42.33 1.52 0.00	37.96 1.40 0.00	40.68 1.61 0.00	55.37 2.33 0.00	55.69 2.64 0.00	47.81 2.68 0.00	57.63 3.20 -1.44	73.50 4.09 -1.51	53.50 2.68 -7.32	83.58 4.08 -17.96	66.61 2.95 -21.00	73.87 3.50 -16.35	103.74 4.61 -24.92	105.77 4.71 -15.67	74.22 4.01 -8.46	45.48 2.67 -5.91	76.73 4.60 0.00	120.67 6.51 0.00	60.04 3.03 0.00	47.14 2.37 0.00	50.22 2.28 0.00
POLETTI____ 23519	47.55 2.14 0.00	61.05 2.51 0.00	43.97 1.76 0.00	42.48 1.67 0.00	38.11 1.54 0.00	40.82 1.75 0.00	55.67 2.63 0.00	56.06 3.02 0.00	48.21 3.08 0.00	61.48 3.75 -4.74	75.92 4.83 -3.20	59.36 3.16 -12.68	94.89 4.88 -28.46	79.53 3.57 -33.30	91.52 4.36 -33.14	131.54 5.59 -51.73	123.67 5.74 -32.54	84.08 4.76 -17.57	52.36 3.21 -12.26	77.72 5.60 0.00	121.98 7.82 0.00	60.66 3.65 0.00	47.72 2.95 0.00	50.74 2.80 0.00

POMONA___ESR 323819	47.18 1.78 0.00	60.67 2.13 0.00	43.67 1.46 0.00	42.21 1.40 0.00	37.83 1.27 0.00	40.53 1.46 0.00	55.26 2.22 0.00	55.59 2.55 0.00	47.69 2.56 0.00	47.46 3.06 8.59	66.84 3.95 5.01	51.67 2.65 -5.51	107.64 4.24 -41.86	94.75 3.12 -48.97	109.58 3.92 -51.63	160.26 5.05 -81.00	141.58 5.24 -50.95	93.65 4.39 -27.51	58.90 2.83 -19.18	77.01 4.88 0.00	120.94 6.78 0.00	60.14 3.12 0.00	47.22 2.45 0.00	50.27 2.33 0.00
PORT_JEFF_3 23555	47.97 2.56 0.00	61.31 2.77 0.00	44.15 1.94 0.00	42.69 1.88 0.00	38.16 1.60 0.00	40.69 1.62 0.00	55.38 2.35 0.00	55.72 2.68 0.00	48.30 3.17 0.00	60.90 3.22 -4.69	75.27 4.19 -3.19	59.22 3.07 -12.64	93.94 4.03 -28.37	78.91 3.07 -33.19	91.16 4.13 -33.01	130.73 4.99 -51.53	122.17 4.37 -32.41	83.46 4.21 -17.50	52.28 3.18 -12.21	77.89 5.77 0.00	122.56 8.40 0.00	61.16 4.15 0.00	48.00 3.24 0.00	51.11 3.18 0.00
PORT_JEFF_4 23616	47.97 2.56 0.00	61.31 2.77 0.00	44.15 1.94 0.00	42.69 1.88 0.00	38.16 1.60 0.00	40.69 1.62 0.00	55.38 2.35 0.00	55.72 2.68 0.00	48.30 3.17 0.00	60.90 3.22 -4.69	75.27 4.19 -3.19	59.22 3.07 -12.64	93.94 4.03 -28.37	78.91 3.07 -33.19	91.16 4.13 -33.01	130.73 4.99 -51.53	122.17 4.37 -32.41	83.46 4.21 -17.50	52.28 3.18 -12.21	77.89 5.77 0.00	122.56 8.40 0.00	61.16 4.15 0.00	48.00 3.24 0.00	51.11 3.18 0.00
PORT_JEFF_IC 23713	47.99 2.59 0.00	61.21 2.67 0.00	44.19 1.98 0.00	42.70 1.89 0.00	38.17 1.60 0.00	40.70 1.63 0.00	55.40 2.37 0.00	55.74 2.70 0.00	48.37 3.24 0.00	61.02 3.34 -4.69	75.47 4.39 -3.19	59.35 3.20 -12.64	94.11 4.20 -28.37	79.02 3.18 -33.19	91.23 4.19 -33.01	130.93 5.18 -51.53	122.00 4.20 -32.41	83.49 4.23 -17.50	52.29 3.19 -12.21	77.94 5.81 0.00	122.65 8.49 0.00	61.28 4.26 0.00	48.08 3.32 0.00	51.16 3.22 0.00
PPL PILGRIM_ST_GT1 24216	48.28 2.88 0.00	61.80 3.26 0.00	44.52 2.31 0.00	43.04 2.23 0.00	38.49 1.93 0.00	41.14 2.07 0.00	56.09 3.05 0.00	56.46 3.41 0.00	48.90 3.77 0.00	61.54 3.86 -4.69	76.14 5.06 -3.19	59.60 3.44 -12.64	94.47 4.56 -28.37	79.33 3.49 -33.19	91.73 4.69 -33.01	131.39 5.65 -51.53	123.06 5.25 -32.41	83.92 4.66 -17.50	52.46 3.36 -12.21	78.16 6.03 0.00	123.12 8.96 0.00	61.51 4.50 0.00	48.23 3.46 0.00	51.40 3.46 0.00
PPL PILGRIM_ST_GT2 24217	48.28 2.88 0.00	61.80 3.26 0.00	44.52 2.31 0.00	43.04 2.23 0.00	38.49 1.93 0.00	41.14 2.07 0.00	56.09 3.05 0.00	56.46 3.41 0.00	48.90 3.77 0.00	61.54 3.86 -4.69	76.14 5.06 -3.19	59.60 3.44 -12.64	94.47 4.56 -28.37	79.33 3.49 -33.19	91.73 4.69 -33.01	131.39 5.65 -51.53	123.06 5.25 -32.41	83.92 4.66 -17.50	52.46 3.36 -12.21	78.16 6.03 0.00	123.12 8.96 0.00	61.51 4.50 0.00	48.23 3.46 0.00	51.40 3.46 0.00
PPL_SHRM_GT3 24213	47.64 2.23 0.00	60.74 2.20 0.00	43.73 1.51 0.00	42.32 1.51 0.00	37.81 1.24 0.00	40.34 1.27 0.00	54.98 1.94 0.00	55.35 2.31 0.00	47.99 2.86 0.00	60.57 2.88 -4.69	74.68 3.60 -3.19	59.02 2.87 -12.64	93.66 3.74 -28.37	78.72 2.87 -33.19	91.00 3.96 -33.01	130.43 4.69 -51.53	121.98 4.18 -32.41	83.30 4.04 -17.50	52.10 2.99 -12.21	77.57 5.45 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.71 2.95 0.00	50.79 2.84 0.00
PPL_SHRM_GT4 24214	47.64 2.23 0.00	60.74 2.20 0.00	43.73 1.51 0.00	42.32 1.51 0.00	37.81 1.24 0.00	40.34 1.27 0.00	54.98 1.94 0.00	55.35 2.31 0.00	47.99 2.86 0.00	60.57 2.88 -4.69	74.68 3.60 -3.19	59.02 2.87 -12.64	93.66 3.74 -28.37	78.72 2.87 -33.19	91.00 3.96 -33.01	130.43 4.69 -51.53	121.98 4.18 -32.41	83.30 4.04 -17.50	52.10 2.99 -12.21	77.57 5.45 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.71 2.95 0.00	50.79 2.84 0.00
PROJECT___ORANGE 1 24174	44.98 -0.43 0.00	58.04 -0.50 0.00	41.79 -0.42 0.00	40.43 -0.38 0.00	36.19 -0.37 0.00	38.71 -0.36 0.00	52.63 -0.41 0.00	52.49 -0.55 0.00	44.52 -0.61 0.00	52.37 -0.63 0.00	67.21 -0.69 0.00	43.19 -0.32 0.00	61.28 -0.26 0.00	42.52 -0.14 0.00	53.78 -0.25 0.00	73.82 -0.39 0.00	85.05 -0.33 0.00	61.75 0.00 0.00	36.86 -0.03 0.00	71.98 -0.15 0.00	113.46 -0.69 0.00	56.50 -0.51 0.00	44.27 -0.50 0.00	47.44 -0.49 0.00
PROJECT___ORANGE 2 24166	44.98 -0.43 0.00	58.04 -0.50 0.00	41.79 -0.42 0.00	40.43 -0.38 0.00	36.19 -0.37 0.00	38.71 -0.36 0.00	52.63 -0.41 0.00	52.49 -0.55 0.00	44.52 -0.61 0.00	52.37 -0.63 0.00	67.21 -0.69 0.00	43.19 -0.32 0.00	61.28 -0.26 0.00	42.52 -0.14 0.00	53.78 -0.25 0.00	73.82 -0.39 0.00	85.05 -0.33 0.00	61.75 0.00 0.00	36.86 -0.03 0.00	71.98 -0.15 0.00	113.46 -0.69 0.00	56.50 -0.51 0.00	44.27 -0.50 0.00	47.44 -0.49 0.00
PUCKETT___SOLAR 323809	69.96 0.41 -24.14	125.45 0.50 -66.41	90.35 0.29 -47.84	89.55 0.23 -48.51	65.30 0.20 -28.54	65.24 0.30 -25.87	130.33 0.66 -76.64	82.23 0.64 -28.54	57.21 0.35 -11.73	59.08 0.32 -5.78	68.05 0.46 0.30	55.41 0.38 -11.51	111.90 0.97 -49.38	75.87 0.81 -32.41	87.24 0.64 -32.57	145.19 0.92 -70.05	203.74 0.52 -117.84	135.11 0.87 -72.50	48.13 0.70 -10.54	74.95 1.60 -1.23	122.52 1.19 -7.18	78.19 0.42 -20.76	59.00 0.27 -13.96	86.23 0.24 -38.05
PYRITES___HYD 24023	46.68 1.28 0.00	60.05 1.51 0.00	43.34 1.13 0.00	41.99 1.18 0.00	37.63 1.07 0.00	40.11 1.04 0.00	54.60 1.56 0.00	54.43 1.38 0.00	45.54 0.41 0.00	53.42 0.43 0.00	68.73 0.84 0.00	43.94 0.42 0.00	60.79 -0.76 0.00	42.15 -0.51 0.00	53.62 -0.40 0.00	73.92 -0.29 0.00	84.93 -0.46 0.00	61.79 0.04 0.00	36.61 -0.28 0.00	72.31 0.18 0.00	116.04 1.88 0.00	58.61 1.60 0.00	46.31 1.54 0.00	49.57 1.63 0.00
QUAKERRD_115KV_BK1 80622	34.99 -1.72 8.70	32.11 -1.91 24.51	23.07 -1.47 17.68	21.57 -1.29 17.95	24.85 -1.37 10.34	28.03 -1.47 9.58	23.22 -1.68 28.14	41.03 -1.92 10.10	39.05 -2.00 4.09	48.61 -2.38 2.01	65.22 -2.67 0.00	37.63 -1.54 4.35	40.75 -2.44 18.36	28.84 -1.82 12.00	39.59 -2.47 11.97	45.55 -2.93 25.73	39.76 -2.34 43.29	31.78 -1.41 28.56	31.85 -1.17 3.87	68.95 -2.72 0.45	106.36 -5.16 2.64	46.54 -2.88 7.59	37.32 -2.38 5.07	27.55 -2.10 18.29
QUENSBRY_115KV_TB8 356137	47.51 2.10 0.00	61.14 2.61 0.00	44.15 1.94 0.00	42.55 1.75 0.00	38.14 1.58 0.00	40.96 1.89 0.00	95.57 2.49 -40.05	63.70 2.50 -8.15	58.74 2.27 -11.34	65.93 2.33 -10.60	78.48 2.88 -7.70	53.46 1.92 -8.02	77.41 2.34 -13.52	53.61 1.29 -9.67	62.63 1.68 -6.92	87.21 2.55 -10.45	94.87 2.91 -6.57	67.94 2.64 -3.55	41.48 2.08 -2.50	76.09 3.96 0.00	120.16 6.01 0.00	60.03 3.01 0.00	47.05 2.28 0.00	50.53 2.60 0.00
RAMAPO___LBMP 323565	46.95 1.55 0.00	60.34 1.81 0.00	43.47 1.25 0.00	42.00 1.19 0.00	37.65 1.09 0.00	40.33 1.26 0.00	54.99 1.96 0.00	55.31 2.26 0.00	47.43 2.30 0.00	47.77 2.75 7.98	66.63 3.55 4.82	50.46 2.37 -4.57	103.20 3.87 -37.79	89.72 2.86 -44.20	103.69 3.58 -46.09	151.07 4.62 -72.24	135.51 4.68 -45.44	90.26 3.98 -24.53	56.60 2.61 -17.11	76.58 4.45 0.00	120.26 6.10 0.00	59.82 2.81 0.00	46.96 2.20 0.00	49.99 2.05 0.00

RANKINE____ 23646	26.88 -1.73 16.79	9.69 -1.52 47.32	6.77 -1.33 34.12	5.10 -1.05 34.65	15.24 -1.36 19.96	19.03 -1.56 18.48	-2.77 -1.43 54.38	31.60 -1.83 19.62	34.92 -2.27 7.93	46.22 -2.87 3.91	63.38 -3.40 1.11	24.02 -1.90 17.60	15.00 -3.33 43.21	9.14 -2.29 31.23	18.11 -3.00 32.92	15.16 -3.75 55.31	-1.35 -2.43 84.31	3.81 -1.35 56.58	22.14 -1.55 13.20	65.51 -3.67 2.94	102.12 -6.96 5.08	38.66 -3.72 14.64	30.19 -2.89 11.68	10.41 -2.15 35.38
RAVENSWOOD_GT2_1 24244	47.55 2.14 0.00	61.06 2.53 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.09 3.05 0.00	48.23 3.10 0.00	61.49 3.76 -4.74	75.93 4.83 -3.20	59.37 3.18 -12.68	94.89 4.88 -28.46	79.53 3.58 -33.29	91.53 4.36 -33.14	131.56 5.61 -51.73	123.68 5.75 -32.54	84.10 4.78 -17.57	52.36 3.21 -12.26	77.76 5.63 0.00	121.99 7.83 0.00	60.69 3.68 0.00	47.72 2.96 0.00	50.77 2.82 0.00
RAVENSWOOD_GT2_2 24245	47.55 2.14 0.00	61.06 2.53 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.09 3.05 0.00	48.23 3.10 0.00	61.49 3.76 -4.74	75.93 4.83 -3.20	59.37 3.18 -12.68	94.89 4.88 -28.46	79.53 3.58 -33.29	91.53 4.36 -33.14	131.56 5.61 -51.73	123.68 5.75 -32.54	84.10 4.78 -17.57	52.36 3.21 -12.26	77.76 5.63 0.00	121.99 7.83 0.00	60.69 3.68 0.00	47.72 2.96 0.00	50.77 2.82 0.00
RAVENSWOOD_GT2_3 24246	47.59 2.18 0.00	61.10 2.57 0.00	44.00 1.79 0.00	42.51 1.71 0.00	38.14 1.57 0.00	40.85 1.78 0.00	55.72 2.69 0.00	56.11 3.07 0.00	48.25 3.12 0.00	61.53 3.80 -4.74	75.98 4.88 -3.20	59.40 3.20 -12.68	94.95 4.94 -28.46	79.57 3.61 -33.29	91.58 4.41 -33.14	131.61 5.66 -51.73	123.74 5.81 -32.54	84.14 4.82 -17.57	52.39 3.24 -12.26	77.79 5.67 0.00	122.05 7.90 0.00	60.72 3.71 0.00	47.76 2.99 0.00	50.79 2.85 0.00
RAVENSWOOD_GT2_4 24247	47.59 2.18 0.00	61.10 2.57 0.00	44.00 1.79 0.00	42.51 1.71 0.00	38.14 1.57 0.00	40.85 1.78 0.00	55.72 2.69 0.00	56.11 3.07 0.00	48.25 3.12 0.00	61.53 3.80 -4.74	75.98 4.88 -3.20	59.40 3.20 -12.68	94.95 4.94 -28.46	79.57 3.61 -33.29	91.58 4.41 -33.14	131.61 5.66 -51.73	123.74 5.81 -32.54	84.14 4.82 -17.57	52.39 3.24 -12.26	77.79 5.67 0.00	122.05 7.90 0.00	60.72 3.71 0.00	47.76 2.99 0.00	50.79 2.85 0.00
RAVENSWOOD_GT3_1 24248	47.56 2.15 0.00	61.07 2.53 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.09 3.05 0.00	48.23 3.10 0.00	61.50 3.77 -4.74	75.93 4.83 -3.20	59.37 3.18 -12.68	94.90 4.89 -28.46	79.53 3.58 -33.29	91.53 4.37 -33.14	131.56 5.61 -51.73	123.68 5.75 -32.54	84.10 4.78 -17.57	52.36 3.21 -12.26	77.76 5.64 0.00	121.99 7.83 0.00	60.69 3.68 0.00	47.73 2.96 0.00	50.77 2.82 0.00
RAVENSWOOD_GT3_2 24249	47.56 2.15 0.00	61.07 2.53 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.09 3.05 0.00	48.23 3.10 0.00	61.50 3.77 -4.74	75.93 4.83 -3.20	59.37 3.18 -12.68	94.90 4.89 -28.46	79.53 3.58 -33.29	91.53 4.37 -33.14	131.56 5.61 -51.73	123.68 5.75 -32.54	84.10 4.78 -17.57	52.36 3.21 -12.26	77.76 5.64 0.00	121.99 7.83 0.00	60.69 3.68 0.00	47.73 2.96 0.00	50.77 2.82 0.00
RAVENSWOOD_GT3_3 24250	47.64 2.23 0.00	61.17 2.64 0.00	44.05 1.84 0.00	42.57 1.76 0.00	38.19 1.63 0.00	40.91 1.84 0.00	55.79 2.76 0.00	56.20 3.15 0.00	48.33 3.20 0.00	61.61 3.89 -4.74	76.08 4.98 -3.20	59.47 3.27 -12.68	95.04 5.03 -28.46	79.63 3.68 -33.29	91.68 4.51 -33.14	131.74 5.79 -51.73	123.89 5.96 -32.54	84.25 4.93 -17.57	52.45 3.30 -12.26	77.91 5.79 0.00	122.24 8.08 0.00	60.82 3.81 0.00	47.82 3.05 0.00	50.86 2.92 0.00
RAVENSWOOD_GT3_4 24251	47.64 2.23 0.00	61.17 2.64 0.00	44.05 1.84 0.00	42.57 1.76 0.00	38.19 1.63 0.00	40.91 1.84 0.00	55.79 2.76 0.00	56.20 3.15 0.00	48.33 3.20 0.00	61.61 3.89 -4.74	76.08 4.98 -3.20	59.47 3.27 -12.68	95.04 5.03 -28.46	79.63 3.68 -33.29	91.68 4.51 -33.14	131.74 5.79 -51.73	123.89 5.96 -32.54	84.25 4.93 -17.57	52.45 3.30 -12.26	77.91 5.79 0.00	122.24 8.08 0.00	60.82 3.81 0.00	47.82 3.05 0.00	50.86 2.92 0.00
RAVENSWOOD_GT_1 23729	47.56 2.16 0.00	61.08 2.54 0.00	44.00 1.79 0.00	42.51 1.71 0.00	38.16 1.60 0.00	40.87 1.80 0.00	55.75 2.72 0.00	56.19 3.14 0.00	48.31 3.18 0.00	61.56 3.83 -4.74	75.97 4.87 -3.20	59.45 3.25 -12.68	94.88 4.87 -28.46	79.56 3.60 -33.29	91.52 4.36 -33.14	131.52 5.57 -51.73	123.61 5.68 -32.54	84.10 4.78 -17.57	52.39 3.24 -12.26	77.77 5.65 0.00	121.91 7.75 0.00	60.69 3.68 0.00	47.78 3.01 0.00	50.80 2.86 0.00
RAVENSWOOD_GT_10 24258	47.56 2.16 0.00	61.08 2.54 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.10 3.06 0.00	48.23 3.10 0.00	61.50 3.77 -4.74	75.93 4.84 -3.20	59.37 3.18 -12.68	94.90 4.90 -28.46	79.53 3.58 -33.29	91.54 4.37 -33.14	131.57 5.62 -51.73	123.71 5.78 -32.54	84.11 4.79 -17.57	52.37 3.21 -12.26	77.76 5.64 0.00	122.00 7.84 0.00	60.69 3.68 0.00	47.73 2.96 0.00	50.77 2.83 0.00
RAVENSWOOD_GT_11 24259	47.56 2.16 0.00	61.08 2.54 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.10 3.06 0.00	48.23 3.10 0.00	61.50 3.77 -4.74	75.93 4.84 -3.20	59.37 3.18 -12.68	94.90 4.90 -28.46	79.53 3.58 -33.29	91.54 4.37 -33.14	131.57 5.62 -51.73	123.71 5.78 -32.54	84.11 4.79 -17.57	52.37 3.21 -12.26	77.76 5.64 0.00	122.00 7.84 0.00	60.69 3.68 0.00	47.73 2.96 0.00	50.77 2.83 0.00
RAVENSWOOD_GT_4 24252	47.55 2.14 0.00	61.06 2.52 0.00	43.97 1.76 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.83 1.76 0.00	55.69 2.65 0.00	56.10 3.05 0.00	48.23 3.10 0.00	61.49 3.77 -4.74	75.91 4.81 -3.20	59.38 3.18 -12.68	94.88 4.87 -28.46	79.53 3.57 -33.29	91.52 4.36 -33.14	131.51 5.56 -51.73	123.61 5.68 -32.54	84.07 4.75 -17.57	52.35 3.20 -12.26	77.71 5.58 0.00	121.92 7.76 0.00	60.65 3.64 0.00	47.71 2.95 0.00	50.74 2.80 0.00
RAVENSWOOD_GT_5 24254	47.55 2.14 0.00	61.06 2.52 0.00	43.97 1.76 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.83 1.76 0.00	55.69 2.65 0.00	56.10 3.05 0.00	48.23 3.10 0.00	61.49 3.77 -4.74	75.91 4.81 -3.20	59.38 3.18 -12.68	94.88 4.87 -28.46	79.53 3.57 -33.29	91.52 4.36 -33.14	131.51 5.56 -51.73	123.61 5.68 -32.54	84.07 4.75 -17.57	52.35 3.20 -12.26	77.71 5.58 0.00	121.92 7.76 0.00	60.65 3.64 0.00	47.71 2.95 0.00	50.74 2.80 0.00
RAVENSWOOD_GT_6 24253	47.55 2.14 0.00	61.06 2.52 0.00	43.97 1.76 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.83 1.76 0.00	55.69 2.65 0.00	56.10 3.05 0.00	48.23 3.10 0.00	61.49 3.77 -4.74	75.91 4.81 -3.20	59.38 3.18 -12.68	94.88 4.87 -28.46	79.53 3.57 -33.29	91.52 4.36 -33.14	131.51 5.56 -51.73	123.61 5.68 -32.54	84.07 4.75 -17.57	52.35 3.20 -12.26	77.71 5.58 0.00	121.92 7.76 0.00	60.65 3.64 0.00	47.71 2.95 0.00	50.74 2.80 0.00

RAVENSWOOD_GT_7 24255	47.55 2.14 0.00	61.06 2.52 0.00	43.97 1.76 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.83 1.76 0.00	55.69 2.65 0.00	56.10 3.05 0.00	48.23 3.10 0.00	61.49 3.77 -4.74	75.91 4.81 -3.20	59.38 3.18 -12.68	94.88 4.87 -28.46	79.53 3.57 -33.29	91.52 4.36 -33.14	131.51 5.56 -51.73	123.61 5.68 -32.54	84.07 4.75 -17.57	52.35 3.20 -12.26	77.71 5.58 0.00	121.92 7.76 0.00	60.65 3.64 0.00	47.71 2.95 0.00	50.74 2.80 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.56 2.16 0.00	61.08 2.54 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.10 3.06 0.00	48.23 3.10 0.00	61.50 3.77 -4.74	75.93 4.84 -3.20	59.37 3.18 -12.68	94.90 4.90 -28.46	79.53 3.58 -33.29	91.54 4.37 -33.14	131.57 5.62 -51.73	123.71 5.78 -32.54	84.11 4.79 -17.57	52.37 3.21 -12.26	77.76 5.64 0.00	122.00 7.84 0.00	60.69 3.68 0.00	47.73 2.96 0.00	50.77 2.83 0.00
RAVENSWOOD_GT_9 24257	47.56 2.16 0.00	61.08 2.54 0.00	43.99 1.77 0.00	42.49 1.68 0.00	38.12 1.56 0.00	40.84 1.77 0.00	55.69 2.65 0.00	56.10 3.06 0.00	48.23 3.10 0.00	61.50 3.77 -4.74	75.93 4.84 -3.20	59.37 3.18 -12.68	94.90 4.90 -28.46	79.53 3.58 -33.29	91.54 4.37 -33.14	131.57 5.62 -51.73	123.71 5.78 -32.54	84.11 4.79 -17.57	52.37 3.21 -12.26	77.76 5.64 0.00	122.00 7.84 0.00	60.69 3.68 0.00	47.73 2.96 0.00	50.77 2.83 0.00
RAVENSWOOD___1 23533	47.52 2.12 0.00	61.09 2.55 0.00	43.96 1.75 0.00	42.50 1.69 0.00	38.15 1.59 0.00	40.86 1.79 0.00	55.74 2.70 0.00	56.17 3.12 0.00	48.26 3.13 0.00	61.50 3.77 -4.74	75.90 4.81 -3.20	59.41 3.22 -12.68	94.86 4.85 -28.46	79.54 3.59 -33.29	91.49 4.32 -33.14	131.47 5.52 -51.73	123.65 5.72 -32.54	84.15 4.83 -17.57	52.37 3.22 -12.26	77.70 5.58 0.00	121.84 7.68 0.00	60.65 3.64 0.00	47.73 2.97 0.00	50.79 2.85 0.00
RAVENSWOOD___2 23534	47.52 2.12 0.00	61.09 2.55 0.00	43.96 1.75 0.00	42.50 1.69 0.00	38.15 1.59 0.00	40.86 1.79 0.00	55.74 2.70 0.00	56.17 3.12 0.00	48.26 3.13 0.00	61.43 3.71 -4.74	75.77 4.67 -3.20	59.34 3.14 -12.68	94.76 4.75 -28.46	79.47 3.52 -33.29	91.27 4.10 -33.14	130.92 4.97 -51.73	122.98 5.05 -32.54	83.67 4.35 -17.57	52.14 2.99 -12.26	77.30 5.17 0.00	120.96 6.80 0.00	60.24 3.23 0.00	47.52 2.75 0.00	50.60 2.66 0.00
RAVENSWOOD___3 23535	47.57 2.16 0.00	61.14 2.61 0.00	43.98 1.77 0.00	42.52 1.71 0.00	38.14 1.58 0.00	40.87 1.79 0.00	55.73 2.69 0.00	56.12 3.08 0.00	48.24 3.11 0.00	61.50 3.77 -4.74	75.93 4.84 -3.20	59.38 3.19 -12.68	94.92 4.91 -28.46	79.53 3.58 -33.29	91.55 4.38 -33.14	131.57 5.62 -51.73	123.78 5.85 -32.54	84.18 4.86 -17.57	52.37 3.22 -12.26	77.76 5.63 0.00	122.00 7.84 0.00	60.71 3.70 0.00	47.74 2.97 0.00	50.81 2.87 0.00
RAVENSWOOD___4 23820	47.52 2.12 0.00	61.09 2.55 0.00	43.96 1.75 0.00	42.50 1.69 0.00	38.15 1.59 0.00	40.86 1.79 0.00	55.74 2.70 0.00	56.17 3.12 0.00	48.26 3.13 0.00	61.50 3.77 -4.74	75.90 4.81 -3.20	59.41 3.22 -12.68	94.86 4.85 -28.46	79.54 3.59 -33.29	91.49 4.32 -33.14	131.47 5.52 -51.73	123.65 5.72 -32.54	84.15 4.83 -17.57	52.37 3.22 -12.26	77.70 5.58 0.00	121.84 7.68 0.00	60.65 3.64 0.00	47.73 2.97 0.00	50.79 2.85 0.00
RCPI_TRUST___DRP 24196	47.55 2.14 0.00	61.09 2.55 0.00	43.97 1.76 0.00	42.49 1.68 0.00	38.11 1.54 0.00	40.84 1.77 0.00	55.68 2.65 0.00	56.10 3.06 0.00	48.25 3.12 0.00	61.59 3.86 -4.74	76.07 4.97 -3.20	59.46 3.26 -12.69	95.04 5.03 -28.47	79.62 3.66 -33.30	91.65 4.48 -33.15	131.64 5.68 -51.75	123.82 5.88 -32.55	84.18 4.85 -17.57	52.42 3.26 -12.26	77.83 5.71 0.00	122.06 7.90 0.00	60.67 3.66 0.00	47.71 2.94 0.00	50.75 2.81 0.00
RED___ROCHESTER 323720	34.38 -0.43 10.59	30.50 -0.26 27.78	21.93 -0.32 19.97	20.43 -0.19 20.19	23.75 -0.42 12.39	27.82 -0.49 10.76	21.59 -0.23 31.22	38.92 -0.40 13.72	39.88 -0.72 4.54	49.86 -0.89 2.23	67.41 -0.48 0.00	38.57 -0.13 4.81	40.56 -0.63 20.36	28.77 -0.58 13.31	39.86 -0.90 13.27	45.13 -0.55 28.53	37.90 0.51 48.00	30.80 0.72 31.67	32.59 0.00 4.29	71.09 -0.53 0.50	109.23 -2.01 2.92	47.16 -1.32 8.53	37.78 -1.17 5.82	26.45 -0.81 20.68
REGAN___SOLAR 323812	47.80 2.39 0.00	61.53 3.00 0.00	44.29 2.08 0.00	42.80 2.00 0.00	38.37 1.81 0.00	41.06 1.99 0.00	63.58 2.78 -7.77	56.88 2.25 -1.58	49.66 2.32 -2.22	56.83 1.76 -2.07	71.07 1.31 -1.87	47.58 0.53 -3.54	69.75 0.51 -7.69	50.76 0.30 -7.80	56.26 1.63 -0.60	78.66 4.44 0.00	89.64 4.26 0.00	64.97 3.22 0.00	39.18 2.21 -0.08	76.54 4.41 0.00	121.32 7.16 0.00	60.57 3.55 0.00	47.43 2.66 0.00	50.62 2.68 0.00
RENSSELAER___COGEN 23796	45.58 0.17 0.00	58.88 0.34 0.00	42.60 0.38 0.00	41.11 0.31 0.00	36.86 0.29 0.00	39.37 0.30 0.00	-2.27 0.16 55.47	41.83 0.08 11.29	29.85 0.35 15.63	39.44 0.29 13.84	59.04 0.24 9.10	40.82 0.21 2.90	64.12 0.41 -2.16	53.87 0.16 -11.05	62.12 0.19 -7.90	86.31 0.17 -11.92	92.72 -0.17 -7.50	66.07 0.27 -4.05	40.10 0.36 -2.85	72.32 0.20 0.00	114.23 0.07 0.00	57.04 0.03 0.00	44.86 0.09 0.00	48.07 0.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	50.35 4.94 0.00	64.33 5.79 0.00	46.44 4.22 0.00	44.64 3.83 0.00	39.96 3.39 0.00	43.14 4.07 0.00	100.45 5.48 -41.93	67.25 5.67 -8.54	61.39 4.39 -11.87	68.65 4.56 -11.10	82.40 6.47 -8.04	56.29 4.53 -8.26	81.02 5.68 -13.80	55.95 3.59 -9.70	65.34 4.37 -6.94	90.41 5.72 -10.49	99.60 7.62 -6.60	71.92 6.61 -3.56	43.94 4.54 -2.51	80.75 8.62 0.00	126.38 12.22 0.00	63.05 6.03 0.00	49.56 4.80 0.00	53.68 5.74 0.00
REVERE_CPPR_DRP 24186	46.77 1.37 0.00	60.09 1.56 0.00	43.31 1.09 0.00	41.96 1.15 0.00	37.63 1.06 0.00	40.24 1.17 0.00	54.66 1.63 0.00	54.49 1.45 0.00	45.99 0.85 0.00	54.04 1.05 0.00	69.54 1.64 0.00	44.50 0.99 0.00	63.21 1.66 0.00	44.02 1.36 0.00	56.30 2.27 0.00	77.16 2.95 0.00	88.52 3.13 0.00	64.73 2.98 0.00	38.36 1.47 0.00	75.67 3.54 0.00	119.57 5.41 0.00	59.69 2.68 0.00	46.82 2.05 0.00	49.81 1.87 0.00
REYNLDDPA_13_KV_LD 356490	45.74 0.33 0.00	58.94 0.40 0.00	42.52 0.31 0.00	41.11 0.30 0.00	36.81 0.25 0.00	39.26 0.18 0.00	53.28 0.25 0.00	53.43 0.38 0.00	45.29 0.16 0.00	53.26 0.27 0.00	67.97 0.08 0.00	43.66 0.15 0.00	61.01 -0.54 0.00	42.29 -0.37 0.00	53.52 -0.51 0.00	73.76 -0.45 0.00	85.43 0.04 0.00	61.41 -0.34 0.00	36.58 -0.31 0.00	71.68 -0.44 0.00	114.09 -0.07 0.00	57.17 0.16 0.00	44.98 0.21 0.00	48.29 0.35 0.00
REYNOLDS_115KV_TB3 80639	45.85 0.45 0.00	59.29 0.75 0.00	42.88 0.67 0.00	41.39 0.58 0.00	37.12 0.56 0.00	39.70 0.62 0.00	-16.55 0.58 70.17	39.25 0.49 14.29	26.07 0.71 19.77	35.96 0.66 17.70	56.99 0.77 11.67	39.50 0.57 4.58	62.79 0.91 -0.34	54.28 0.45 -11.17	62.72 0.59 -8.11	87.13 0.65 -12.27	93.40 0.29 -7.72	66.55 0.63 -4.17	40.41 0.58 -2.94	72.83 0.70 0.00	115.06 0.90 0.00	57.51 0.50 0.00	45.19 0.42 0.00	48.40 0.45 0.00

RIVERBAY____ 323610	48.42 3.01 0.00	62.32 3.78 0.00	44.95 2.73 0.00	43.50 2.69 0.00	39.05 2.49 0.00	41.93 2.86 0.00	57.15 4.11 0.00	57.51 4.47 0.00	49.24 4.11 0.00	62.61 4.88 -4.74	77.14 6.04 -3.20	60.35 4.15 -12.68	96.15 6.14 -28.46	80.50 4.54 -33.29	92.75 5.58 -33.14	133.33 7.39 -51.73	125.48 7.55 -32.54	85.48 6.16 -17.57	53.02 3.86 -12.26	79.00 6.88 0.00	124.30 10.14 0.00	61.87 4.86 0.00	48.68 3.91 0.00	51.70 3.76 0.00
RIVERSDE_115KV_TB3 55908	45.75 0.35 0.00	59.12 0.58 0.00	42.74 0.53 0.00	41.28 0.47 0.00	37.02 0.46 0.00	39.58 0.51 0.00	-7.31 0.43 60.78	41.04 0.37 12.37	28.63 0.63 17.12	38.35 0.60 15.24	58.53 0.67 10.02	40.47 0.48 3.52	63.77 0.78 -1.45	54.08 0.40 -11.03	62.51 0.52 -7.96	86.84 0.60 -12.03	93.20 0.25 -7.56	66.40 0.56 -4.09	40.32 0.55 -2.88	72.75 0.63 0.00	114.85 0.70 0.00	57.39 0.38 0.00	45.11 0.34 0.00	48.29 0.35 0.00
ROARING__BROOK_WT_PWR 323790	44.74 -0.67 0.00	57.43 -1.11 0.00	41.47 -0.75 0.00	40.22 -0.59 0.00	36.11 -0.45 0.00	38.41 -0.66 0.00	52.03 -1.00 0.00	52.22 -0.82 0.00	44.47 -0.66 0.00	52.47 -0.53 0.00	67.23 -0.66 0.00	42.71 -0.80 0.00	60.11 -1.43 0.00	41.79 -0.87 0.00	53.46 -0.57 0.00	73.29 -0.92 0.00	84.81 -0.58 0.00	61.23 -0.52 0.00	36.28 -0.61 0.00	70.80 -1.33 0.00	112.44 -1.71 0.00	56.21 -0.81 0.00	44.38 -0.39 0.00	47.29 -0.64 0.00
ROCHESRG_115KV_T4 355643	34.83 -1.08 9.49	30.80 -0.98 26.76	22.10 -0.82 19.29	20.58 -0.63 19.59	24.44 -0.83 11.29	27.70 -0.92 10.45	21.44 -0.88 30.72	40.86 -1.15 11.03	39.26 -1.40 4.47	49.04 -1.75 2.20	66.15 -1.74 0.00	37.83 -0.93 4.75	39.84 -1.67 20.04	28.22 -1.34 13.10	39.11 -1.85 13.06	44.11 -2.02 28.08	37.03 -1.12 47.24	30.13 -0.44 31.17	31.93 -0.74 4.23	69.71 -1.92 0.49	107.29 -3.99 2.88	46.42 -2.31 8.29	37.34 -1.89 5.53	26.51 -1.46 19.97
ROCHESTER_9_IC 23652	35.09 -0.66 9.66	30.87 -0.46 27.21	22.13 -0.46 19.62	20.58 -0.31 19.93	24.55 -0.54 11.48	27.84 -0.61 10.63	21.38 -0.41 31.24	41.15 -0.67 11.22	39.62 -0.97 4.54	49.54 -1.22 2.24	66.90 -0.99 0.00	38.26 -0.44 4.82	40.19 -0.98 20.38	28.46 -0.88 13.32	39.48 -1.26 13.28	44.52 -1.14 28.56	37.27 -0.08 48.03	30.39 0.34 31.70	32.30 -0.29 4.30	70.51 -1.12 0.50	108.49 -2.75 2.93	46.88 -1.70 8.43	37.69 -1.46 5.62	26.62 -1.02 20.31
ROCKVIEW_13_KV_LD 356306	47.55 2.14 0.00	61.05 2.51 0.00	44.00 1.79 0.00	42.46 1.66 0.00	38.08 1.52 0.00	40.84 1.77 0.00	55.71 2.67 0.00	56.06 3.02 0.00	48.19 3.06 0.00	61.41 3.69 -4.73	75.85 4.76 -3.20	59.33 3.14 -12.68	94.83 4.83 -28.45	79.47 3.53 -33.28	91.51 4.36 -33.12	131.55 5.62 -51.71	123.65 5.74 -32.53	84.07 4.76 -17.56	52.31 3.17 -12.26	77.69 5.57 0.00	121.95 7.79 0.00	60.62 3.61 0.00	47.65 2.89 0.00	50.70 2.77 0.00
ROME____115KV_TB2 80656	46.77 1.37 0.00	60.09 1.56 0.00	43.31 1.09 0.00	41.96 1.15 0.00	37.63 1.06 0.00	40.24 1.17 0.00	54.66 1.63 0.00	54.49 1.45 0.00	45.99 0.85 0.00	54.04 1.05 0.00	69.54 1.64 0.00	44.50 0.99 0.00	63.21 1.66 0.00	44.02 1.36 0.00	56.30 2.27 0.00	77.16 2.95 0.00	88.52 3.13 0.00	64.73 2.98 0.00	38.36 1.47 0.00	75.67 3.54 0.00	119.57 5.41 0.00	59.69 2.68 0.00	46.82 2.05 0.00	49.81 1.87 0.00
ROSETON__1 23587	46.83 1.42 0.00	60.24 1.71 0.00	43.39 1.17 0.00	41.93 1.12 0.00	37.59 1.03 0.00	40.27 1.20 0.00	54.83 1.79 0.00	55.11 2.06 0.00	47.25 2.12 0.00	55.52 2.53 2.96	68.18 3.24 -2.08	47.76 2.17 -2.08	85.72 3.46 -20.71	69.40 2.52 -24.22	41.57 3.09 15.55	48.71 3.93 29.44	70.84 3.97 18.52	55.22 3.47 10.00	32.68 2.32 6.53	76.05 3.92 0.00	119.56 5.41 0.00	59.50 2.48 0.00	46.75 1.98 0.00	49.84 1.90 0.00
ROSETON__2 23588	46.83 1.42 0.00	60.24 1.71 0.00	43.39 1.17 0.00	41.93 1.12 0.00	37.59 1.03 0.00	40.27 1.20 0.00	54.83 1.79 0.00	55.11 2.06 0.00	47.25 2.12 0.00	55.52 2.53 2.96	68.18 3.24 -2.08	47.76 2.17 -2.08	85.72 3.46 -20.71	69.40 2.52 -24.22	41.57 3.09 15.55	48.71 3.93 29.44	70.84 3.97 18.52	55.22 3.47 10.00	32.68 2.32 6.53	76.05 3.92 0.00	119.56 5.41 0.00	59.50 2.48 0.00	46.75 1.98 0.00	49.84 1.90 0.00
ROTTDRAM_115KV_TB3 80664	46.33 0.92 0.00	59.78 1.24 0.00	43.12 0.91 0.00	41.65 0.84 0.00	37.33 0.77 0.00	39.95 0.88 0.00	62.75 1.18 -8.53	55.89 1.11 -1.74	48.65 1.09 -2.44	56.45 1.18 -2.28	71.33 1.35 -2.09	48.45 0.83 -4.11	71.80 1.25 -9.00	52.69 0.81 -9.22	55.81 1.08 -0.71	75.89 1.67 0.00	86.98 1.59 0.00	63.21 1.45 0.00	38.04 1.06 -0.09	73.99 1.87 0.00	116.90 2.74 0.00	58.36 1.35 0.00	45.80 1.03 0.00	49.02 1.08 0.00
RUSSELL__1 23602	35.36 -0.40 9.65	31.21 -0.13 27.19	22.37 -0.24 19.60	20.80 -0.10 19.91	24.73 -0.36 11.47	28.04 -0.41 10.62	21.70 -0.12 31.22	41.46 -0.37 11.21	39.91 -0.68 4.54	49.88 -0.88 2.23	67.37 -0.52 0.00	38.57 -0.13 4.81	40.67 -0.52 20.36	28.78 -0.57 13.31	39.89 -0.87 13.27	45.19 -0.50 28.53	38.01 0.62 48.00	30.95 0.87 31.67	32.61 0.01 4.29	71.07 -0.56 0.50	109.30 -1.93 2.92	47.30 -1.30 8.42	38.00 -1.15 5.62	26.94 -0.71 20.29
RUSSELL__2 23532	35.36 -0.40 9.65	31.21 -0.13 27.19	22.37 -0.24 19.60	20.80 -0.10 19.91	24.73 -0.36 11.47	28.04 -0.41 10.62	21.70 -0.12 31.22	41.46 -0.37 11.21	39.91 -0.68 4.54	49.88 -0.88 2.23	67.37 -0.52 0.00	38.57 -0.13 4.81	40.67 -0.52 20.36	28.78 -0.57 13.31	39.89 -0.87 13.27	45.19 -0.50 28.53	38.01 0.62 48.00	30.95 0.87 31.67	32.61 0.01 4.29	71.07 -0.56 0.50	109.30 -1.93 2.92	47.30 -1.30 8.42	38.00 -1.15 5.62	26.94 -0.71 20.29
RUSSELL__3 23549	35.36 -0.40 9.65	31.21 -0.13 27.19	22.37 -0.24 19.60	20.80 -0.10 19.91	24.73 -0.36 11.47	28.04 -0.41 10.62	21.70 -0.12 31.22	41.46 -0.37 11.21	39.91 -0.68 4.54	49.88 -0.88 2.23	67.37 -0.52 0.00	38.57 -0.13 4.81	40.67 -0.52 20.36	28.78 -0.57 13.31	39.89 -0.87 13.27	45.19 -0.50 28.53	38.01 0.62 48.00	30.95 0.87 31.67	32.61 0.01 4.29	71.07 -0.56 0.50	109.30 -1.93 2.92	47.30 -1.30 8.42	38.00 -1.15 5.62	26.94 -0.71 20.29
RUSSELL__4 23556	35.36 -0.40 9.65	31.21 -0.13 27.19	22.37 -0.24 19.60	20.80 -0.10 19.91	24.73 -0.36 11.47	28.04 -0.41 10.62	21.70 -0.12 31.22	41.46 -0.37 11.21	39.91 -0.68 4.54	49.88 -0.88 2.23	67.37 -0.52 0.00	38.57 -0.13 4.81	40.67 -0.52 20.36	28.78 -0.57 13.31	39.89 -0.87 13.27	45.19 -0.50 28.53	38.01 0.62 48.00	30.95 0.87 31.67	32.61 0.01 4.29	71.07 -0.56 0.50	109.30 -1.93 2.92	47.30 -1.30 8.42	38.00 -1.15 5.62	26.94 -0.71 20.29
RUSSELL__STATION 23914	35.36 -0.40 9.65	31.21 -0.13 27.19	22.37 -0.24 19.60	20.80 -0.10 19.91	24.73 -0.36 11.47	28.04 -0.41 10.62	21.70 -0.12 31.22	41.46 -0.37 11.21	39.91 -0.68 4.54	49.88 -0.88 2.23	67.37 -0.52 0.00	38.57 -0.13 4.81	40.67 -0.52 20.36	28.78 -0.57 13.31	39.89 -0.87 13.27	45.19 -0.50 28.53	38.01 0.62 48.00	30.95 0.87 31.67	32.61 0.01 4.29	71.07 -0.56 0.50	109.30 -1.93 2.92	47.30 -1.30 8.42	38.00 -1.15 5.62	26.94 -0.71 20.29

S SALMON___HYD 24043	45.08 -0.32 0.00	57.84 -0.69 0.00	41.67 -0.54 0.00	40.47 -0.34 0.00	36.29 -0.27 0.00	38.65 -0.42 0.00	52.51 -0.53 0.00	52.31 -0.73 0.00	44.28 -0.85 0.00	52.27 -0.72 0.00	67.17 -0.73 0.00	42.64 -0.87 0.00	60.68 -0.86 0.00	42.36 -0.30 0.00	53.94 -0.09 0.00	73.18 -1.04 0.00	84.23 -1.15 0.00	61.62 -0.13 0.00	36.54 -0.35 0.00	72.07 -0.06 0.00	114.02 -0.13 0.00	57.03 0.02 0.00	44.77 0.00 0.00	47.67 -0.27 0.00
S.PERRY___115KV_TB1 80734	26.91 0.37 18.87	6.14 0.76 53.16	3.96 0.08 38.33	2.16 0.27 38.93	14.19 0.05 22.42	18.37 0.06 20.76	-7.03 1.03 61.09	31.60 0.60 22.05	36.08 -0.13 8.92	47.88 -0.72 4.39	72.13 0.43 -3.81	66.66 0.37 -22.78	48.54 0.07 13.07	44.06 -0.20 -1.60	60.78 -1.02 -7.77	37.36 -0.62 36.23	-5.29 0.12 90.80	5.34 0.44 56.85	48.34 0.18 -11.27	78.79 0.56 -6.11	108.92 0.47 5.70	40.58 -0.02 16.41	40.19 -0.24 4.33	8.40 0.11 39.66
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.71 -2.06 15.63	12.62 -1.87 44.05	8.93 -1.53 31.76	7.32 -1.23 32.25	16.45 -1.53 18.58	20.11 -1.76 17.20	0.69 -1.74 50.61	32.59 -2.21 18.25	35.06 -2.68 7.38	46.02 -3.34 3.63	62.87 -3.96 1.06	24.64 -2.24 16.63	17.28 -3.83 40.43	10.66 -2.71 29.29	19.59 -3.53 30.91	18.14 -4.44 51.64	3.78 -3.11 78.50	7.18 -1.87 52.70	22.52 -1.93 12.44	64.85 -4.49 2.79	101.16 -8.26 4.73	38.96 -4.41 13.64	30.45 -3.37 10.96	12.42 -2.60 32.92
SAWYER___23_KV_LOAD 55526	27.71 -2.06 15.63	12.62 -1.87 44.05	8.93 -1.53 31.76	7.32 -1.23 32.25	16.45 -1.53 18.58	20.11 -1.76 17.20	0.69 -1.74 50.61	32.59 -2.21 18.25	35.06 -2.68 7.38	46.02 -3.34 3.63	62.87 -3.96 1.06	24.64 -2.24 16.63	17.28 -3.83 40.43	10.66 -2.71 29.29	19.59 -3.53 30.91	18.14 -4.44 51.64	3.78 -3.11 78.50	7.18 -1.87 52.70	22.52 -1.93 12.44	64.85 -4.49 2.79	101.16 -8.26 4.73	38.96 -4.41 13.64	30.45 -3.37 10.96	12.42 -2.60 32.92
SELKIRK___I 23801	45.99 0.58 0.00	59.40 0.86 0.00	42.94 0.72 0.00	41.47 0.66 0.00	37.15 0.59 0.00	39.58 0.51 0.00	20.08 -0.02 32.94	45.84 -0.50 6.71	35.67 -0.17 9.28	44.76 -0.30 7.93	62.14 -0.58 5.17	42.83 -0.42 0.27	66.24 -0.46 -5.16	53.21 -0.54 -11.09	61.06 -0.50 -7.54	84.86 -0.66 -11.31	91.41 -1.09 -7.11	65.12 -0.47 -3.84	39.49 -0.11 -2.71	71.56 -0.57 0.00	113.10 -1.06 0.00	56.44 -0.57 0.00	44.62 -0.15 0.00	48.45 0.51 0.00
SELKIRK___II 23799	45.69 0.29 0.00	59.08 0.54 0.00	42.70 0.48 0.00	41.23 0.42 0.00	36.90 0.34 0.00	39.29 0.22 0.00	16.17 -0.01 36.85	45.46 -0.08 7.50	34.93 0.18 10.38	44.15 0.11 8.96	62.11 0.05 5.84	42.81 0.05 0.75	66.26 0.22 -4.49	53.62 0.05 -10.92	61.71 0.04 -7.64	85.70 -0.02 -11.50	92.26 -0.37 -7.24	65.78 0.12 -3.91	39.89 0.24 -2.76	72.18 0.06 0.00	114.00 -0.15 0.00	56.89 -0.12 0.00	44.74 -0.03 0.00	48.06 0.12 0.00
SENECA OSWGO___HYD 24041	44.57 -0.84 0.00	57.48 -1.06 0.00	41.40 -0.81 0.00	40.05 -0.75 0.00	35.86 -0.70 0.00	38.35 -0.72 0.00	52.10 -0.94 0.00	51.94 -1.11 0.00	44.01 -1.12 0.00	51.73 -1.27 0.00	66.43 -1.46 0.00	42.58 -0.93 0.00	60.44 -1.11 0.00	41.95 -0.71 0.00	53.07 -0.96 0.00	72.76 -1.45 0.00	83.74 -1.65 0.00	60.91 -0.84 0.00	36.38 -0.51 0.00	71.17 -0.95 0.00	112.23 -1.92 0.00	55.93 -1.08 0.00	43.82 -0.94 0.00	46.94 -1.00 0.00
SENECA___115KV_TB3 355854	24.75 -1.73 18.94	8.16 -1.72 48.65	5.85 -1.41 34.95	4.38 -1.15 35.28	13.09 -1.42 22.05	18.63 -1.64 18.81	-2.92 -1.57 54.38	25.92 -1.82 25.30	34.95 -2.24 7.94	46.32 -2.77 3.91	63.55 -3.23 1.11	24.07 -1.84 17.60	14.91 -3.42 43.21	9.15 -2.28 31.23	18.13 -2.99 32.92	15.13 -3.77 55.31	-1.59 -2.66 84.31	3.64 -1.53 56.58	22.17 -1.52 13.20	65.69 -3.49 2.94	102.14 -6.93 5.08	38.49 -3.64 14.88	29.75 -2.87 12.14	9.42 -2.27 36.25
SENECA___ENERGY 23797	37.77 -0.47 7.16	37.67 -0.68 20.18	27.08 -0.58 14.55	25.52 -0.51 14.78	27.55 -0.50 8.51	30.71 -0.49 7.88	29.47 -0.43 23.14	44.25 -0.53 8.27	41.01 -0.78 3.34	50.57 -0.78 1.65	67.16 -0.99 -0.26	41.62 -0.42 1.47	47.82 -0.41 13.31	34.51 -0.11 8.04	45.62 -0.75 7.65	53.14 -1.06 20.01	49.22 -0.49 35.67	37.98 -0.44 23.34	35.05 0.03 1.87	72.14 -0.09 -0.11	111.16 -0.81 2.18	50.03 -0.69 6.29	40.27 -0.74 3.75	32.13 -0.64 15.17
SHOEMAKER___GT 23640	46.70 1.30 0.00	60.08 1.54 0.00	43.26 1.04 0.00	41.81 1.00 0.00	37.48 0.92 0.00	40.15 1.08 0.00	54.65 1.61 0.00	54.93 1.88 0.00	47.07 1.94 0.00	49.90 2.27 5.37	66.75 2.75 3.89	3.18 1.87 42.20	-61.16 3.17 125.88	-102.23 2.38 147.27	-82.33 3.02 139.37	-138.76 3.76 216.73	-47.18 3.76 136.33	-8.46 3.40 73.61	-12.33 2.25 51.47	75.93 3.80 0.00	119.43 5.27 0.00	59.44 2.42 0.00	46.65 1.88 0.00	49.72 1.78 0.00
SHOEMAKR_138KV_BK 111 55601	46.67 1.27 0.00	59.99 1.45 0.00	43.23 1.02 0.00	41.77 0.96 0.00	37.46 0.90 0.00	40.10 1.03 0.00	54.62 1.58 0.00	54.89 1.84 0.00	47.04 1.91 0.00	50.12 2.27 5.13	66.88 2.78 3.80	-13.50 1.88 58.89	-118.44 3.17 183.15	-169.24 2.37 214.28	-151.17 2.98 208.18	-246.51 3.75 324.47	-115.00 3.72 204.10	-45.11 3.35 110.20	-37.89 2.23 77.01	75.90 3.78 0.00	119.36 5.20 0.00	59.40 2.39 0.00	46.62 1.86 0.00	49.67 1.73 0.00
SHOREHAM_IC_1 23715	47.64 2.23 0.00	60.74 2.20 0.00	43.73 1.51 0.00	42.32 1.51 0.00	37.81 1.24 0.00	40.34 1.27 0.00	54.98 1.94 0.00	55.35 2.31 0.00	47.99 2.86 0.00	60.57 2.88 -4.69	74.68 3.60 -3.19	59.02 2.87 -12.64	93.66 3.74 -28.37	78.72 2.87 -33.19	91.00 3.96 -33.01	130.43 4.69 -51.53	121.98 4.18 -32.41	83.30 4.04 -17.50	52.10 2.99 -12.21	77.57 5.45 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.71 2.95 0.00	50.79 2.84 0.00
SHOREHAM_IC_2 23716	47.64 2.23 0.00	60.74 2.20 0.00	43.73 1.51 0.00	42.32 1.51 0.00	37.81 1.24 0.00	40.34 1.27 0.00	54.98 1.94 0.00	55.35 2.31 0.00	47.99 2.86 0.00	60.57 2.88 -4.69	74.68 3.60 -3.19	59.02 2.87 -12.64	93.66 3.74 -28.37	78.72 2.87 -33.19	91.00 3.96 -33.01	130.43 4.69 -51.53	121.98 4.18 -32.41	83.30 4.04 -17.50	52.10 2.99 -12.21	77.57 5.45 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.71 2.95 0.00	50.79 2.84 0.00
SISSONVILLE____ 23735	45.83 0.43 0.00	58.92 0.38 0.00	42.52 0.30 0.00	41.18 0.37 0.00	36.90 0.34 0.00	39.30 0.23 0.00	53.43 0.39 0.00	53.43 0.39 0.00	45.01 -0.12 0.00	53.01 0.01 0.00	68.05 0.16 0.00	43.26 -0.25 0.00	60.14 -1.41 0.00	41.45 -1.22 0.00	52.71 -1.31 0.00	72.30 -1.92 0.00	83.73 -1.66 0.00	60.50 -1.25 0.00	35.88 -1.02 0.00	70.67 -1.45 0.00	113.32 -0.84 0.00	57.34 0.32 0.00	45.40 0.63 0.00	48.58 0.63 0.00
SITHE_IND_GS1 24169	44.08 -1.32 0.00	56.87 -1.67 0.00	40.99 -1.22 0.00	39.65 -1.16 0.00	35.50 -1.06 0.00	37.94 -1.13 0.00	51.51 -1.52 0.00	51.36 -1.69 0.00	43.54 -1.59 0.00	51.12 -1.87 0.00	65.58 -2.32 0.00	42.09 -1.43 0.00	59.59 -1.95 0.00	41.34 -1.31 0.00	52.29 -1.73 0.00	71.85 -2.37 0.00	82.76 -2.63 0.00	60.03 -1.72 0.00	35.85 -1.04 0.00	69.99 -2.14 0.00	110.47 -3.68 0.00	55.08 -1.94 0.00	43.21 -1.56 0.00	46.34 -1.60 0.00

SITHE_IND_GS2 24170	44.08 -1.32 0.00	56.87 -1.67 0.00	40.99 -1.22 0.00	39.65 -1.16 0.00	35.50 -1.06 0.00	37.94 -1.13 0.00	51.51 -1.52 0.00	51.36 -1.69 0.00	43.54 -1.59 0.00	51.12 -1.87 0.00	65.58 -2.32 0.00	42.09 -1.43 0.00	59.59 -1.95 0.00	41.34 -1.31 0.00	52.29 -1.73 0.00	71.85 -2.37 0.00	82.76 -2.63 0.00	60.03 -1.72 0.00	35.85 -1.04 0.00	69.99 -2.14 0.00	110.47 -3.68 0.00	55.08 -1.94 0.00	43.21 -1.56 0.00	46.34 -1.60 0.00
SITHE_IND_GS3 24171	44.08 -1.32 0.00	56.87 -1.67 0.00	40.99 -1.22 0.00	39.65 -1.16 0.00	35.50 -1.06 0.00	37.94 -1.13 0.00	51.51 -1.52 0.00	51.36 -1.69 0.00	43.54 -1.59 0.00	51.12 -1.87 0.00	65.58 -2.32 0.00	42.09 -1.43 0.00	59.59 -1.95 0.00	41.34 -1.31 0.00	52.29 -1.73 0.00	71.85 -2.37 0.00	82.76 -2.63 0.00	60.03 -1.72 0.00	35.85 -1.04 0.00	69.99 -2.14 0.00	110.47 -3.68 0.00	55.08 -1.94 0.00	43.21 -1.56 0.00	46.34 -1.60 0.00
SITHE_IND_GS4 24172	44.08 -1.32 0.00	56.87 -1.67 0.00	40.99 -1.22 0.00	39.65 -1.16 0.00	35.50 -1.06 0.00	37.94 -1.13 0.00	51.51 -1.52 0.00	51.36 -1.69 0.00	43.54 -1.59 0.00	51.12 -1.87 0.00	65.58 -2.32 0.00	42.09 -1.43 0.00	59.59 -1.95 0.00	41.34 -1.31 0.00	52.29 -1.73 0.00	71.85 -2.37 0.00	82.76 -2.63 0.00	60.03 -1.72 0.00	35.85 -1.04 0.00	69.99 -2.14 0.00	110.47 -3.68 0.00	55.08 -1.94 0.00	43.21 -1.56 0.00	46.34 -1.60 0.00
SITHE___BATAVIA 24024	30.85 -0.53 14.03	22.10 -0.09 36.34	15.88 -0.22 26.12	14.40 -0.03 26.38	19.80 -0.40 16.37	24.53 -0.49 14.06	12.33 0.00 40.71	34.17 -0.36 18.51	38.16 -1.04 5.93	48.07 -2.01 2.92	66.22 -1.12 0.56	32.46 -0.18 10.88	30.12 -1.00 30.43	20.13 -1.14 21.39	29.64 -2.17 22.22	32.12 -2.07 40.02	22.12 -0.32 62.95	20.38 0.64 42.01	28.20 -0.23 8.47	69.10 -1.34 1.69	106.90 -3.45 3.81	43.90 -2.00 11.12	34.63 -1.59 8.55	19.91 -0.97 27.07
SITHE___INDEPEND 23800	44.09 -1.32 0.00	56.90 -1.64 0.00	41.01 -1.20 0.00	39.66 -1.14 0.00	35.51 -1.05 0.00	37.96 -1.11 0.00	51.54 -1.50 0.00	51.35 -1.70 0.00	43.54 -1.59 0.00	51.13 -1.87 0.00	65.57 -2.33 0.00	42.08 -1.43 0.00	59.61 -1.94 0.00	41.35 -1.31 0.00	52.30 -1.73 0.00	71.86 -2.36 0.00	82.80 -2.59 0.00	60.07 -1.68 0.00	35.85 -1.04 0.00	69.98 -2.14 0.00	110.48 -3.68 0.00	55.09 -1.93 0.00	43.22 -1.55 0.00	46.36 -1.58 0.00
SITHE___MASSENA 23902	45.81 0.41 0.00	59.01 0.48 0.00	42.58 0.37 0.00	41.19 0.37 0.00	36.88 0.32 0.00	39.32 0.25 0.00	53.40 0.36 0.00	53.50 0.46 0.00	45.32 0.19 0.00	53.24 0.25 0.00	68.16 0.27 0.00	43.59 0.07 0.00	61.09 -0.45 0.00	42.21 -0.45 0.00	53.56 -0.47 0.00	73.70 -0.51 0.00	85.31 -0.08 0.00	61.40 -0.34 0.00	36.50 -0.39 0.00	71.70 -0.43 0.00	114.14 -0.01 0.00	57.32 0.30 0.00	45.14 0.37 0.00	48.41 0.47 0.00
SITHE___OGDNSBRG 24021	46.65 1.24 0.00	60.05 1.51 0.00	43.33 1.12 0.00	41.95 1.14 0.00	37.58 1.02 0.00	40.08 1.00 0.00	54.53 1.49 0.00	54.37 1.33 0.00	45.51 0.38 0.00	53.41 0.42 0.00	68.63 0.74 0.00	43.96 0.44 0.00	61.05 -0.49 0.00	42.35 -0.31 0.00	53.81 -0.21 0.00	74.26 0.05 0.00	85.34 -0.05 0.00	61.94 0.19 0.00	36.77 -0.12 0.00	72.55 0.42 0.00	116.26 2.10 0.00	58.59 1.57 0.00	46.21 1.44 0.00	49.51 1.57 0.00
SITHE___STERLING 23777	46.34 0.94 0.00	59.62 1.09 0.00	42.96 0.74 0.00	41.57 0.76 0.00	37.26 0.70 0.00	39.88 0.81 0.00	54.19 1.16 0.00	54.06 1.02 0.00	45.68 0.55 0.00	53.63 0.64 0.00	68.95 1.06 0.00	44.21 0.70 0.00	62.82 1.28 0.00	43.66 1.00 0.00	55.64 1.61 0.00	76.41 2.20 0.00	87.59 2.20 0.00	63.92 2.17 0.00	37.96 1.07 0.00	74.77 2.64 0.00	118.07 3.91 0.00	58.91 1.90 0.00	46.18 1.41 0.00	49.27 1.33 0.00
SLEIGHT__34_KV_TB1 80719	36.95 -0.79 7.66	36.13 -0.81 21.59	25.97 -0.68 15.57	24.44 -0.56 15.81	26.78 -0.67 9.11	29.95 -0.69 8.43	27.62 -0.64 24.78	43.28 -0.89 8.87	40.40 -1.14 3.59	49.87 -1.36 1.77	66.40 -1.49 0.00	39.02 -0.66 3.84	44.34 -1.03 16.17	31.32 -0.75 10.59	42.20 -1.25 10.58	49.97 -1.49 22.75	46.53 -0.58 38.27	36.00 -0.50 25.25	33.15 -0.31 3.42	70.86 -0.86 0.40	109.68 -2.15 2.33	48.86 -1.44 6.72	38.99 -1.29 4.48	30.73 -1.03 16.17
SOUTH CAIRO___GT 23612	46.91 1.50 0.00	60.54 2.00 0.00	43.73 1.51 0.00	42.21 1.40 0.00	37.82 1.26 0.00	40.37 1.30 0.00	21.45 1.55 33.14	47.85 1.55 6.75	37.59 1.80 9.34	47.15 2.14 7.98	64.99 2.35 5.25	44.51 1.17 0.17	69.15 1.86 -5.75	55.36 0.88 -11.82	62.67 1.28 -7.36	87.94 2.81 -10.91	95.46 3.21 -6.87	67.76 2.30 -3.70	41.13 1.62 -2.62	74.86 2.73 0.00	118.29 4.14 0.00	59.02 2.01 0.00	46.30 1.54 0.00	49.60 1.66 0.00
SOUTH HAMPTN___IC 23720	48.44 3.03 0.00	61.52 2.99 0.00	44.26 2.04 0.00	42.85 2.04 0.00	38.31 1.75 0.00	40.80 1.73 0.00	55.59 2.55 0.00	55.99 2.95 0.00	48.45 3.32 0.00	61.17 3.48 -4.69	75.66 4.58 -3.19	59.61 3.45 -12.64	94.46 4.55 -28.37	79.28 3.44 -33.19	91.69 4.65 -33.01	131.40 5.65 -51.53	123.05 5.25 -32.41	84.08 4.83 -17.50	52.57 3.46 -12.21	78.59 6.46 0.00	123.36 9.20 0.00	61.43 4.42 0.00	48.20 3.43 0.00	51.23 3.29 0.00
SOUTHDOW__115KV_TB1 355954	25.10 -1.43 18.87	4.10 -1.25 53.19	2.73 -1.13 38.35	0.92 -0.94 38.95	12.83 -1.30 22.43	16.85 -1.45 20.77	-9.15 -1.06 61.12	29.61 -1.37 22.06	34.36 -1.84 8.92	46.45 -2.15 4.39	64.64 -2.64 0.62	27.48 -1.46 14.57	14.93 -2.48 44.14	10.51 -1.63 30.52	20.41 -2.22 31.40	12.04 -3.25 58.92	-11.06 -2.19 94.26	-1.21 -0.20 62.76	24.57 -0.74 11.58	68.69 -1.30 2.13	104.98 -3.46 5.71	38.66 -1.90 16.45	31.11 -1.61 12.05	7.24 -0.94 39.76
SOUTHOLD_69_KV_BK 2 55809	49.16 3.75 0.00	61.98 3.45 0.00	44.63 2.41 0.00	43.23 2.42 0.00	38.67 2.11 0.00	41.05 1.98 0.00	55.88 2.84 0.00	56.26 3.21 0.00	48.59 3.46 0.00	61.36 3.67 -4.69	76.01 4.93 -3.19	59.89 3.74 -12.64	94.81 4.89 -28.37	79.53 3.68 -33.19	91.97 4.93 -33.01	131.78 6.04 -51.53	123.43 5.63 -32.41	84.39 5.14 -17.50	52.82 3.71 -12.21	79.26 7.13 0.00	124.17 10.02 0.00	61.78 4.77 0.00	48.44 3.67 0.00	51.38 3.44 0.00
SOUTHOLD___IC 23719	49.17 3.77 0.00	62.12 3.58 0.00	44.63 2.41 0.00	43.25 2.44 0.00	38.69 2.13 0.00	41.09 2.02 0.00	55.95 2.91 0.00	56.36 3.31 0.00	48.62 3.50 0.00	61.36 3.68 -4.69	76.00 4.92 -3.19	59.89 3.73 -12.64	94.83 4.91 -28.37	79.53 3.68 -33.19	91.98 4.95 -33.01	131.82 6.07 -51.53	123.56 5.76 -32.41	84.45 5.19 -17.50	52.82 3.72 -12.21	79.25 7.12 0.00	124.17 10.01 0.00	61.79 4.78 0.00	48.46 3.69 0.00	51.42 3.48 0.00
SOUTH_FORK_WT_PWR 323839	49.23 3.83 0.00	61.96 3.42 0.00	44.50 2.28 0.00	43.15 2.34 0.00	38.63 2.07 0.00	40.91 1.84 0.00	55.66 2.63 0.00	56.03 2.99 0.00	48.20 3.07 0.00	60.84 3.16 -4.69	75.32 4.24 -3.19	59.46 3.31 -12.64	94.21 4.30 -28.37	79.08 3.24 -33.19	91.44 4.40 -33.01	131.04 5.29 -51.53	122.67 4.87 -32.41	83.81 4.55 -17.50	52.45 3.35 -12.21	78.65 6.52 0.00	123.15 8.99 0.00	61.28 4.27 0.00	48.05 3.28 0.00	50.95 3.01 0.00

SPIERFLS_115KV_TB 1 80737	47.15 1.74 0.00	60.71 2.17 0.00	43.83 1.62 0.00	42.26 1.45 0.00	37.88 1.31 0.00	40.66 1.59 0.00	93.62 2.10 -38.49	62.95 2.07 -7.84	57.96 1.93 -10.90	65.17 1.99 -10.19	77.63 2.31 -7.43	52.85 1.51 -7.83	76.69 1.84 -13.30	53.24 0.93 -9.65	62.18 1.25 -6.90	86.60 1.97 -10.42	94.09 2.15 -6.56	67.33 2.04 -3.54	41.12 1.74 -2.50	75.44 3.31 0.00	119.29 5.14 0.00	59.57 2.56 0.00	46.69 1.93 0.00	50.11 2.16 0.00
ST LAWRENCE____ 23600	45.33 -0.07 0.00	58.41 -0.13 0.00	42.12 -0.09 0.00	40.72 -0.09 0.00	36.47 -0.10 0.00	38.91 -0.16 0.00	52.80 -0.24 0.00	52.93 -0.11 0.00	44.91 -0.21 0.00	52.78 -0.21 0.00	67.56 -0.34 0.00	43.23 -0.28 0.00	60.65 -0.90 0.00	41.97 -0.69 0.00	53.16 -0.87 0.00	73.24 -0.97 0.00	84.86 -0.52 0.00	61.02 -0.73 0.00	36.28 -0.61 0.00	71.17 -0.96 0.00	113.19 -0.96 0.00	56.73 -0.28 0.00	44.59 -0.18 0.00	47.87 -0.07 0.00
STATE_CA_115KV_115_LB 55624	45.76 0.35 0.00	59.10 0.56 0.00	42.74 0.53 0.00	41.27 0.47 0.00	37.02 0.46 0.00	39.57 0.50 0.00	-3.08 0.42 56.53	41.93 0.40 11.51	29.86 0.66 15.93	39.54 0.67 14.12	59.36 0.74 9.28	40.98 0.50 3.04	64.32 0.82 -1.96	54.09 0.46 -10.97	62.52 0.61 -7.89	86.90 0.76 -11.92	93.32 0.43 -7.50	66.47 0.67 -4.05	40.36 0.61 -2.85	72.82 0.69 0.00	114.97 0.81 0.00	57.40 0.39 0.00	45.14 0.37 0.00	48.28 0.34 0.00
STATE_ST_34_KV_LOAD 55959	40.59 0.11 4.93	44.67 0.03 13.90	32.21 0.02 10.02	30.68 0.04 10.17	30.74 0.03 5.86	33.75 0.10 5.43	37.26 0.13 15.90	47.29 -0.12 5.64	42.61 -0.25 2.28	51.57 -0.31 1.12	67.61 -0.28 0.00	41.00 -0.04 2.47	51.34 0.20 10.41	36.14 0.34 6.86	47.27 0.19 6.96	59.35 0.09 14.96	60.73 0.50 25.16	45.28 0.14 16.61	34.92 0.28 2.25	72.60 0.74 0.26	113.43 0.81 1.53	52.61 0.01 4.41	41.63 -0.19 2.95	37.32 0.03 10.65
STATION 5_MISC_HYD 23604	34.10 -0.71 10.60	30.15 -0.59 27.80	21.69 -0.54 19.99	20.20 -0.40 20.20	23.56 -0.60 12.40	27.62 -0.69 10.77	21.27 -0.52 31.24	38.61 -0.70 13.72	39.60 -0.99 4.54	49.53 -1.23 2.24	66.93 -0.96 0.00	38.26 -0.44 4.82	40.08 -1.09 20.38	28.46 -0.88 13.32	39.45 -1.30 13.28	44.49 -1.17 28.56	37.11 -0.24 48.03	30.25 0.20 31.70	32.29 -0.30 4.30	70.54 -1.09 0.50	108.41 -2.82 2.93	46.75 -1.73 8.54	37.46 -1.48 5.82	26.13 -1.11 20.70
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.03 -0.53 8.85	33.14 -0.47 24.93	23.78 -0.46 17.97	22.20 -0.35 18.25	25.57 -0.48 10.51	28.84 -0.50 9.74	24.11 -0.31 28.61	42.25 -0.53 10.26	40.22 -0.76 4.15	50.05 -0.90 2.04	67.03 -0.87 0.00	38.76 -0.34 4.42	42.28 -0.60 18.67	30.00 -0.46 12.20	40.96 -0.91 12.16	47.30 -0.78 26.14	41.47 0.06 43.98	32.96 0.23 29.02	32.91 -0.05 3.93	71.22 -0.45 0.46	109.94 -1.54 2.68	48.22 -1.08 7.72	38.60 -1.01 5.15	28.61 -0.74 18.58
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.12 -0.93 9.36	31.33 -0.83 26.37	22.48 -0.72 19.01	20.94 -0.56 19.31	24.69 -0.75 11.12	27.95 -0.82 10.30	22.02 -0.73 30.28	41.20 -0.97 10.87	39.53 -1.20 4.40	49.36 -1.47 2.17	66.56 -1.34 0.00	38.18 -0.67 4.67	40.53 -1.26 19.75	28.68 -1.07 12.91	39.66 -1.49 12.87	45.07 -1.48 27.67	38.29 -0.55 46.55	31.02 -0.01 30.72	32.27 -0.46 4.16	70.22 -1.42 0.49	108.10 -3.22 2.84	46.90 -1.94 8.17	37.66 -1.66 5.45	26.99 -1.27 19.68
STA_56____34_KV_BUS2 355983	35.12 -0.93 9.36	31.33 -0.83 26.37	22.48 -0.72 19.01	20.94 -0.56 19.31	24.69 -0.75 11.12	27.95 -0.82 10.30	22.02 -0.73 30.28	41.20 -0.97 10.87	39.53 -1.20 4.40	49.36 -1.47 2.17	66.56 -1.34 0.00	38.18 -0.67 4.67	40.53 -1.26 19.75	28.68 -1.07 12.91	39.66 -1.49 12.87	45.07 -1.48 27.67	38.29 -0.55 46.55	31.02 -0.01 30.72	32.27 -0.46 4.16	70.22 -1.42 0.49	108.10 -3.22 2.84	46.90 -1.94 8.17	37.66 -1.66 5.45	26.99 -1.27 19.68
STA_67____115KV_BK2 355882	34.98 -0.78 9.65	30.74 -0.60 27.20	22.04 -0.57 19.61	20.49 -0.40 19.92	24.46 -0.63 11.47	27.76 -0.69 10.62	21.28 -0.52 31.23	41.02 -0.80 11.22	39.50 -1.09 4.54	49.38 -1.38 2.23	66.69 -1.20 0.00	38.12 -0.57 4.81	40.01 -1.17 20.37	28.33 -1.01 13.32	39.31 -1.44 13.27	44.29 -1.38 28.54	37.01 -0.37 48.01	30.19 0.12 31.69	32.19 -0.41 4.30	70.28 -1.34 0.50	108.14 -3.09 2.92	46.72 -1.87 8.42	37.57 -1.58 5.62	26.50 -1.14 20.30
STA_7____115KV_9TRANS 80674	35.36 -0.40 9.65	31.21 -0.13 27.19	22.37 -0.24 19.60	20.80 -0.10 19.91	24.73 -0.36 11.47	28.04 -0.41 10.62	21.70 -0.12 31.22	41.46 -0.37 11.21	39.91 -0.68 4.54	49.88 -0.88 2.23	67.37 -0.52 0.00	38.57 -0.13 4.81	40.67 -0.52 20.36	28.78 -0.57 13.31	39.89 -0.87 13.27	45.19 -0.50 28.53	38.01 0.62 48.00	30.95 0.87 31.67	32.61 0.01 4.29	71.07 -0.56 0.50	109.30 -1.93 2.92	47.30 -1.30 8.42	38.00 -1.15 5.62	26.94 -0.71 20.29
STA_82____115KV_TB1 80780	34.88 -0.84 9.69	30.54 -0.69 27.31	21.90 -0.62 19.69	20.37 -0.44 20.00	24.38 -0.66 11.52	27.68 -0.73 10.67	21.09 -0.59 31.36	40.92 -0.86 11.27	39.42 -1.15 4.56	49.29 -1.45 2.24	66.59 -1.30 0.00	38.04 -0.64 4.83	39.84 -1.26 20.45	28.21 -1.08 13.37	39.16 -1.54 13.33	44.03 -1.52 28.66	36.65 -0.52 48.21	29.95 0.02 31.82	32.11 -0.47 4.31	70.20 -1.42 0.50	108.00 -3.22 2.94	46.59 -1.96 8.46	37.48 -1.65 5.64	26.35 -1.21 20.38
STEEL____WIND 323596	24.69 -1.78 18.94	8.09 -1.79 48.65	5.80 -1.46 34.95	4.33 -1.20 35.28	13.05 -1.46 22.05	18.56 -1.71 18.81	-3.00 -1.65 54.38	25.82 -1.92 25.30	34.89 -2.31 7.94	46.24 -2.85 3.91	63.41 -3.37 1.11	23.98 -1.93 17.60	14.79 -3.54 43.21	9.08 -2.35 31.23	18.01 -3.09 32.92	14.95 -3.96 55.31	-1.73 -2.81 84.31	3.53 -1.64 56.58	22.10 -1.59 13.20	65.55 -3.63 2.94	101.95 -7.12 5.08	38.40 -3.73 14.88	29.66 -2.96 12.14	9.32 -2.36 36.25
STEPHTWN_115KV_BK_2 55603	46.08 0.67 0.00	59.49 0.96 0.00	42.97 0.75 0.00	41.42 0.61 0.00	37.20 0.64 0.00	39.65 0.58 0.00	-1.70 0.73 55.47	42.44 0.69 11.29	30.44 0.94 15.63	40.25 1.10 13.84	59.91 1.12 9.10	41.32 0.70 2.90	64.85 1.14 -2.16	54.35 0.64 -11.05	62.81 0.88 -7.90	87.34 1.20 -11.92	93.82 0.93 -7.50	66.91 1.11 -4.05	40.57 0.83 -2.85	73.31 1.19 0.00	115.73 1.58 0.00	57.70 0.68 0.00	45.32 0.55 0.00	48.56 0.62 0.00
STEBEN_REC_LFGE 323667	15.91 -1.32 28.18	-22.10 -1.23 79.41	-17.03 -1.98 57.25	-18.93 -1.60 58.14	1.49 -1.58 33.49	6.38 -1.68 31.01	-39.00 -0.76 91.27	18.77 -1.29 32.98	30.46 -1.33 13.33	44.59 -1.84 6.56	67.91 -2.47 -2.49	47.83 -2.24 -6.56	16.16 -3.33 42.06	20.10 -1.69 20.86	34.33 -3.15 16.55	0.20 -4.12 69.90	-53.66 -2.14 136.91	-28.50 -1.81 88.44	35.59 -1.69 -0.39	71.50 -3.78 -3.17	100.04 -5.67 8.45	30.26 -2.42 24.34	31.00 -1.84 11.93	-12.46 -1.52 58.88
STILLWATER____SOLAR 323814	47.10 1.70 0.00	60.82 2.28 0.00	43.93 1.72 0.00	42.37 1.56 0.00	37.98 1.42 0.00	40.69 1.61 0.00	108.70 2.15 -53.51	66.02 2.08 -10.89	62.19 1.92 -15.15	69.26 2.11 -14.16	80.56 2.57 -10.10	54.78 1.58 -9.69	79.20 2.20 -15.46	53.80 1.28 -9.86	62.84 1.72 -7.09	87.47 2.56 -10.71	94.77 2.65 -6.73	67.72 2.34 -3.64	41.13 1.67 -2.56	75.21 3.08 0.00	118.91 4.75 0.00	59.38 2.37 0.00	46.54 1.77 0.00	49.92 1.98 0.00

STONY___BROOK 24151	48.07 2.67 0.00	61.44 2.90 0.00	44.23 2.02 0.00	42.77 1.96 0.00	38.24 1.68 0.00	40.81 1.74 0.00	55.60 2.56 0.00	55.96 2.92 0.00	48.52 3.40 0.00	61.19 3.50 -4.69	75.67 4.59 -3.19	59.50 3.35 -12.64	94.34 4.42 -28.37	79.17 3.33 -33.19	91.47 4.43 -33.01	131.23 5.49 -51.53	122.61 4.81 -32.41	83.82 4.56 -17.50	52.41 3.31 -12.21	78.15 6.02 0.00	122.97 8.81 0.00	61.41 4.40 0.00	48.18 3.42 0.00	51.28 3.34 0.00
STURGEON_POOL_HYD 23609	47.09 1.69 0.00	60.53 1.99 0.00	43.58 1.36 0.00	42.09 1.28 0.00	37.75 1.19 0.00	40.47 1.40 0.00	47.20 2.19 8.03	54.00 2.59 1.63	45.47 2.60 2.26	54.71 3.12 1.40	70.89 4.03 1.03	49.25 2.60 -3.15	76.87 4.21 -11.12	59.93 3.03 -14.24	58.57 3.44 -1.10	78.60 4.38 0.00	89.79 4.40 0.00	65.59 3.85 0.00	39.52 2.53 -0.10	76.46 4.34 0.00	120.16 6.00 0.00	59.78 2.77 0.00	46.90 2.13 0.00	49.87 1.93 0.00
ST_LAW_115_BK7_LBMP 345037	45.32 -0.08 0.00	58.39 -0.15 0.00	42.12 -0.10 0.00	40.72 -0.08 0.00	36.47 -0.09 0.00	38.90 -0.17 0.00	52.80 -0.24 0.00	52.93 -0.11 0.00	44.90 -0.23 0.00	52.78 -0.21 0.00	67.53 -0.36 0.00	43.20 -0.31 0.00	60.59 -0.95 0.00	41.92 -0.74 0.00	53.11 -0.92 0.00	73.17 -1.04 0.00	84.75 -0.64 0.00	60.91 -0.84 0.00	36.22 -0.67 0.00	71.07 -1.05 0.00	113.12 -1.04 0.00	56.72 -0.29 0.00	44.59 -0.18 0.00	47.86 -0.08 0.00
ST_LAW_115_BK8_LBMP 345038	45.32 -0.08 0.00	58.39 -0.15 0.00	42.12 -0.10 0.00	40.72 -0.08 0.00	36.47 -0.09 0.00	38.90 -0.17 0.00	52.80 -0.24 0.00	52.93 -0.11 0.00	44.90 -0.23 0.00	52.78 -0.21 0.00	67.53 -0.36 0.00	43.20 -0.31 0.00	60.59 -0.95 0.00	41.92 -0.74 0.00	53.11 -0.92 0.00	73.17 -1.04 0.00	84.75 -0.64 0.00	60.91 -0.84 0.00	36.22 -0.67 0.00	71.07 -1.05 0.00	113.12 -1.04 0.00	56.72 -0.29 0.00	44.59 -0.18 0.00	47.86 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	45.33 -0.07 0.00	58.41 -0.13 0.00	42.12 -0.09 0.00	40.72 -0.09 0.00	36.47 -0.10 0.00	38.91 -0.16 0.00	52.80 -0.24 0.00	52.93 -0.11 0.00	44.91 -0.21 0.00	52.78 -0.21 0.00	67.56 -0.34 0.00	43.23 -0.28 0.00	60.65 -0.90 0.00	41.97 -0.69 0.00	53.16 -0.87 0.00	73.24 -0.97 0.00	84.86 -0.52 0.00	61.02 -0.73 0.00	36.28 -0.61 0.00	71.17 -0.96 0.00	113.19 -0.96 0.00	56.73 -0.28 0.00	44.59 -0.18 0.00	47.87 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	45.33 -0.07 0.00	58.41 -0.13 0.00	42.12 -0.09 0.00	40.72 -0.09 0.00	36.47 -0.10 0.00	38.91 -0.16 0.00	52.80 -0.24 0.00	52.93 -0.11 0.00	44.91 -0.21 0.00	52.78 -0.21 0.00	67.56 -0.34 0.00	43.23 -0.28 0.00	60.65 -0.90 0.00	41.97 -0.69 0.00	53.16 -0.87 0.00	73.24 -0.97 0.00	84.86 -0.52 0.00	61.02 -0.73 0.00	36.28 -0.61 0.00	71.17 -0.96 0.00	113.19 -0.96 0.00	56.73 -0.28 0.00	44.59 -0.18 0.00	47.87 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.84 1.44 0.00	60.21 1.68 0.00	43.38 1.17 0.00	41.91 1.11 0.00	37.58 1.02 0.00	40.25 1.18 0.00	54.83 1.80 0.00	55.14 2.09 0.00	47.27 2.14 0.00	49.43 2.58 6.14	67.00 3.29 4.19	59.22 2.19 -13.52	130.53 3.62 -65.37	121.80 2.67 -76.47	147.78 3.39 -90.36	221.52 4.31 -143.00	179.74 4.40 -89.95	114.10 3.78 -48.57	73.17 2.49 -33.79	76.35 4.23 0.00	120.02 5.87 0.00	59.71 2.69 0.00	46.86 2.09 0.00	49.90 1.96 0.00
SWANROAD_115KV_TB1 355699	28.32 -2.59 14.50	15.36 -2.32 40.86	10.97 -1.78 29.46	9.43 -1.46 29.92	17.56 -1.77 17.23	21.05 -2.06 15.96	3.98 -2.12 46.94	33.34 -2.78 16.92	34.97 -3.32 6.84	45.20 -4.42 3.37	61.84 -5.22 0.84	26.70 -2.63 14.19	20.69 -4.39 36.46	13.37 -3.21 26.09	22.55 -4.12 27.35	21.95 -5.13 47.14	8.91 -3.77 72.71	10.66 -2.39 48.69	23.74 -2.37 10.78	63.87 -5.94 2.31	99.31 -10.46 4.39	38.95 -5.43 12.63	30.99 -4.01 9.77	14.31 -3.10 30.53
SYNERGY___BIOGAS 323694	32.36 -0.47 12.57	23.19 0.09 35.44	16.56 -0.11 25.55	14.96 0.10 25.95	21.31 -0.30 14.95	24.87 -0.37 13.84	12.49 0.16 40.71	38.08 -0.31 14.66	38.21 -0.99 5.93	48.07 -2.00 2.92	66.18 -1.15 0.56	32.46 -0.17 10.88	30.28 -0.83 30.43	20.14 -1.12 21.39	29.68 -2.13 22.22	32.20 -1.99 40.02	22.35 -0.09 62.94	20.60 0.86 42.01	28.22 -0.21 8.47	69.09 -1.35 1.69	107.03 -3.32 3.81	44.09 -1.97 10.96	35.00 -1.53 8.23	20.69 -0.78 26.47
SYRACUSE___ENERGY_ST1 323597	42.44 -0.24 2.73	50.52 -0.32 7.70	36.40 -0.26 5.55	34.93 -0.24 5.64	33.08 -0.23 3.25	35.86 -0.20 3.01	44.03 -0.22 8.79	49.60 -0.39 3.05	43.40 -0.49 1.24	51.85 -0.53 0.61	67.29 -0.60 0.00	41.86 -0.25 1.40	55.68 -0.10 5.77	38.86 -0.01 3.79	50.09 -0.11 3.83	65.75 -0.23 8.23	71.38 -0.16 13.85	52.75 0.10 9.10	35.72 0.07 1.24	72.14 0.16 0.14	113.14 -0.17 0.84	54.30 -0.29 2.43	42.81 -0.34 1.62	41.85 -0.32 5.77
SYRACUSE___ENERGY_ST2 323598	42.44 -0.24 2.73	50.52 -0.32 7.70	36.40 -0.26 5.55	34.93 -0.24 5.64	33.08 -0.23 3.25	35.86 -0.20 3.01	44.03 -0.22 8.79	49.60 -0.39 3.05	43.40 -0.49 1.24	51.85 -0.53 0.61	67.29 -0.60 0.00	41.86 -0.25 1.40	55.68 -0.10 5.77	38.86 -0.01 3.79	50.09 -0.11 3.83	65.75 -0.23 8.23	71.38 -0.16 13.85	52.75 0.10 9.10	35.72 0.07 1.24	72.14 0.16 0.14	113.14 -0.17 0.84	54.30 -0.29 2.43	42.81 -0.34 1.62	41.85 -0.32 5.77
SYRACUSE___POWER 24017	45.18 -0.22 0.00	58.27 -0.27 0.00	41.97 -0.25 0.00	40.59 -0.22 0.00	36.34 -0.22 0.00	38.87 -0.20 0.00	52.84 -0.20 0.00	52.70 -0.35 0.00	44.69 -0.44 0.00	52.56 -0.44 0.00	67.41 -0.48 0.00	43.33 -0.18 0.00	61.53 -0.01 0.00	42.73 0.07 0.00	54.01 -0.02 0.00	74.15 -0.06 0.00	85.38 -0.01 0.00	62.04 0.29 0.00	37.04 0.15 0.00	72.39 0.27 0.00	114.11 -0.05 0.00	56.83 -0.18 0.00	44.53 -0.24 0.00	47.70 -0.24 0.00
TALLMAN__138KV_BK151 55660	47.11 1.71 0.00	60.52 1.98 0.00	43.60 1.39 0.00	42.13 1.32 0.00	37.76 1.21 0.00	40.46 1.38 0.00	55.16 2.13 0.00	55.50 2.46 0.00	47.61 2.48 0.00	47.96 2.97 8.00	66.91 3.84 4.82	54.27 2.58 -8.18	115.74 4.13 -50.07	104.28 3.05 -58.57	120.75 3.85 -62.88	177.96 4.96 -98.79	152.61 5.08 -62.14	99.56 4.25 -33.55	63.05 2.78 -23.38	76.91 4.79 0.00	120.73 6.57 0.00	60.05 3.04 0.00	47.14 2.38 0.00	50.15 2.22 0.00
TEALLAVE_115KV_TB7 355573	44.97 -0.44 0.00	58.00 -0.54 0.00	41.78 -0.43 0.00	40.42 -0.39 0.00	36.18 -0.38 0.00	38.70 -0.37 0.00	52.62 -0.41 0.00	52.47 -0.57 0.00	44.50 -0.63 0.00	52.35 -0.64 0.00	67.16 -0.74 0.00	43.17 -0.34 0.00	61.25 -0.30 0.00	42.49 -0.16 0.00	53.74 -0.29 0.00	73.79 -0.43 0.00	85.01 -0.38 0.00	61.75 -0.01 0.00	36.84 -0.05 0.00	71.96 -0.16 0.00	113.42 -0.74 0.00	56.48 -0.53 0.00	44.26 -0.51 0.00	47.43 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	30.43 -1.54 13.45	19.52 -1.12 37.89	13.92 -0.97 27.32	12.35 -0.71 27.75	19.51 -1.06 15.98	23.03 -1.25 14.80	8.49 -1.01 43.53	35.81 -1.55 15.68	36.68 -2.11 6.34	46.82 -3.05 3.12	63.99 -3.20 0.70	29.56 -1.47 12.48	25.61 -2.69 33.25	16.88 -2.17 23.61	26.43 -2.94 24.66	27.64 -3.27 43.31	16.31 -1.70 67.38	15.90 -0.80 45.05	25.97 -1.34 9.58	66.46 -3.67 2.00	103.13 -6.96 4.07	41.60 -3.70 11.71	33.01 -2.79 8.97	17.68 -1.95 28.31

TEMPLE___115KV_TB 2 55572	44.98 -0.43 0.00	58.04 -0.50 0.00	41.79 -0.42 0.00	40.43 -0.38 0.00	36.19 -0.37 0.00	38.71 -0.36 0.00	52.63 -0.41 0.00	52.49 -0.55 0.00	44.52 -0.61 0.00	52.37 -0.63 0.00	67.21 -0.69 0.00	43.19 -0.32 0.00	61.28 -0.26 0.00	42.52 -0.14 0.00	53.78 -0.25 0.00	73.82 -0.39 0.00	85.05 -0.33 0.00	61.75 0.00 0.00	36.86 -0.03 0.00	71.98 -0.15 0.00	113.46 -0.69 0.00	56.50 -0.51 0.00	44.27 -0.50 0.00	47.44 -0.49 0.00
TIANA___69_KV_BK 1 55817	48.24 2.83 0.00	61.24 2.70 0.00	44.16 1.95 0.00	42.73 1.93 0.00	38.19 1.63 0.00	40.72 1.65 0.00	55.46 2.43 0.00	55.86 2.81 0.00	48.42 3.29 0.00	61.14 3.46 -4.69	75.63 4.54 -3.19	59.57 3.42 -12.64	94.42 4.51 -28.37	79.25 3.41 -33.19	91.64 4.60 -33.01	131.32 5.57 -51.53	122.87 5.07 -32.41	83.99 4.74 -17.50	52.55 3.44 -12.21	78.50 6.38 0.00	123.30 9.15 0.00	61.41 4.40 0.00	48.17 3.40 0.00	51.20 3.26 0.00
TILDEN___115KV_TB1 80814	45.18 -0.22 0.00	58.27 -0.27 0.00	41.97 -0.25 0.00	40.59 -0.22 0.00	36.34 -0.22 0.00	38.87 -0.20 0.00	52.84 -0.20 0.00	52.70 -0.35 0.00	44.69 -0.44 0.00	52.56 -0.44 0.00	67.41 -0.48 0.00	43.33 -0.18 0.00	61.53 -0.01 0.00	42.73 0.07 0.00	54.01 -0.02 0.00	74.15 -0.06 0.00	85.38 -0.01 0.00	62.04 0.29 0.00	37.04 0.15 0.00	72.39 0.27 0.00	114.11 -0.05 0.00	56.83 -0.18 0.00	44.53 -0.24 0.00	47.70 -0.24 0.00
TRIGEN___CC 323695	47.73 2.32 0.00	61.11 2.57 0.00	44.08 1.87 0.00	42.57 1.76 0.00	38.14 1.58 0.00	40.83 1.76 0.00	55.62 2.58 0.00	55.95 2.90 0.00	48.35 3.22 0.00	61.21 3.52 -4.69	75.76 4.68 -3.19	59.31 3.16 -12.64	94.39 4.48 -28.37	79.21 3.36 -33.19	91.44 4.40 -33.01	131.06 5.32 -51.53	122.93 5.13 -32.41	83.75 4.50 -17.50	52.19 3.09 -12.21	77.51 5.39 0.00	121.86 7.70 0.00	60.68 3.67 0.00	47.67 2.90 0.00	50.80 2.85 0.00
TRINITY___115KV___ 4 BK 55933	45.63 0.23 0.00	58.94 0.40 0.00	42.62 0.40 0.00	41.16 0.35 0.00	36.92 0.36 0.00	39.47 0.39 0.00	-1.40 0.27 54.71	42.15 0.24 11.14	30.21 0.49 15.41	39.80 0.46 13.64	59.40 0.47 8.96	41.04 0.35 2.82	64.36 0.59 -2.22	53.93 0.27 -11.00	62.28 0.37 -7.88	86.51 0.40 -11.90	92.90 0.03 -7.49	66.20 0.41 -4.04	40.20 0.46 -2.85	72.55 0.42 0.00	114.54 0.38 0.00	57.22 0.20 0.00	44.99 0.22 0.00	48.14 0.20 0.00
UNION___PROCESSING_DRP 323587	34.89 -0.82 9.70	30.56 -0.66 27.32	21.91 -0.61 19.70	20.37 -0.43 20.01	24.38 -0.66 11.52	27.68 -0.72 10.67	21.09 -0.58 31.37	40.92 -0.86 11.27	39.43 -1.13 4.56	49.31 -1.44 2.24	66.62 -1.27 0.00	38.05 -0.63 4.83	39.84 -1.25 20.46	28.22 -1.06 13.38	39.17 -1.53 13.33	44.02 -1.52 28.67	36.65 -0.51 48.23	29.96 0.04 31.83	32.11 -0.46 4.31	70.20 -1.42 0.50	108.02 -3.20 2.94	46.62 -1.93 8.46	37.50 -1.63 5.64	26.35 -1.19 20.39
UPPER HUDSON___HYD 24058	47.15 1.75 0.00	60.74 2.20 0.00	43.85 1.64 0.00	42.28 1.46 0.00	37.89 1.33 0.00	40.67 1.60 0.00	93.66 2.13 -38.49	62.95 2.07 -7.84	57.96 1.93 -10.90	65.17 1.99 -10.19	77.63 2.31 -7.43	52.84 1.50 -7.83	76.69 1.84 -13.30	53.24 0.93 -9.65	62.17 1.24 -6.90	86.59 1.96 -10.42	94.12 2.18 -6.56	67.36 2.07 -3.54	41.12 1.74 -2.50	75.43 3.31 0.00	119.30 5.14 0.00	59.57 2.56 0.00	46.69 1.92 0.00	50.11 2.17 0.00
UPPER RAQUET___HYD 24056	45.84 0.43 0.00	58.93 0.39 0.00	42.52 0.30 0.00	41.18 0.37 0.00	36.90 0.34 0.00	39.30 0.23 0.00	53.43 0.39 0.00	53.43 0.38 0.00	45.02 -0.11 0.00	53.01 0.01 0.00	68.05 0.16 0.00	43.27 -0.24 0.00	60.16 -1.38 0.00	41.46 -1.20 0.00	52.72 -1.30 0.00	72.36 -1.85 0.00	83.76 -1.63 0.00	60.53 -1.23 0.00	35.88 -1.02 0.00	70.70 -1.43 0.00	113.32 -0.84 0.00	57.34 0.33 0.00	45.40 0.63 0.00	48.58 0.63 0.00
VALLEY44_115KV_TB2 355964	24.38 -1.37 19.65	1.98 -1.17 55.38	1.15 -1.13 39.93	-0.60 -0.86 40.55	12.09 -1.11 23.36	16.25 -1.19 21.63	-11.82 -1.20 63.65	28.35 -1.71 22.98	33.78 -2.06 9.29	45.96 -2.46 4.57	64.62 -2.80 0.47	28.18 -1.57 13.76	14.25 -2.56 44.73	10.26 -1.89 30.51	20.46 -2.41 31.16	10.45 -3.30 60.47	-15.76 -3.11 98.03	-4.80 -1.42 65.13	24.56 -1.16 11.16	67.44 -2.79 1.90	102.64 -5.57 5.95	36.98 -2.90 17.13	30.34 -2.18 12.24	5.10 -1.44 41.41
VALLEY___115KV_TB 1-4 80826	46.00 0.59 0.00	59.31 0.77 0.00	42.75 0.54 0.00	41.25 0.44 0.00	37.00 0.43 0.00	39.61 0.54 0.00	53.62 0.58 0.00	53.48 0.43 0.00	45.86 0.73 0.00	53.45 0.46 0.00	68.33 0.44 0.00	43.61 0.10 0.00	61.72 0.17 0.00	42.74 0.08 0.00	54.63 0.60 0.00	75.81 1.60 0.00	85.57 0.18 0.00	62.78 1.03 0.00	37.91 1.02 0.00	73.97 1.85 0.00	116.78 2.63 0.00	58.24 1.23 0.00	45.69 0.92 0.00	48.73 0.79 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	55.33 1.23 -8.70	84.59 1.53 -24.52	60.95 1.05 -17.68	59.77 1.01 -17.95	47.81 0.90 -10.34	49.70 1.05 -9.58	81.12 1.56 -26.52	61.35 1.75 -6.55	49.65 1.72 -2.81	56.21 1.84 -1.38	69.79 2.26 0.37	47.36 1.47 -2.38	76.98 2.31 -13.12	50.29 1.72 -5.91	67.80 2.17 -11.60	102.94 2.77 -25.96	131.91 2.85 -43.67	91.57 2.56 -27.26	42.47 1.67 -3.91	75.52 2.94 -0.46	120.73 3.92 -2.66	66.49 1.81 -7.66	51.27 1.39 -5.12	64.17 1.34 -14.89
VISCHER___FERRY HYD 24020	46.49 1.08 0.00	60.18 1.65 0.00	43.50 1.28 0.00	41.95 1.15 0.00	37.59 1.03 0.00	40.26 1.18 0.00	155.98 1.47 -101.47	75.18 1.47 -20.66	75.25 1.43 -28.69	82.06 1.51 -27.55	88.39 1.86 -18.63	60.39 1.24 -15.64	85.64 1.79 -22.30	54.08 0.91 -10.51	62.82 1.15 -7.63	87.29 1.54 -11.55	93.97 1.32 -7.26	67.08 1.41 -3.92	40.70 1.05 -2.77	73.85 1.72 0.00	116.84 2.68 0.00	58.39 1.37 0.00	45.81 1.04 0.00	49.16 1.22 0.00
V_A_10_SYNC_DSASP 323832	31.40 -2.03 11.98	22.85 -1.93 33.76	16.36 -1.51 24.34	14.85 -1.24 24.72	20.84 -1.48 14.24	24.23 -1.66 13.18	12.48 -1.78 38.77	36.91 -2.17 13.96	36.95 -2.53 5.65	47.09 -3.12 2.78	63.72 -3.63 0.55	30.90 -2.10 10.51	28.95 -3.50 29.09	19.64 -2.53 20.49	29.40 -3.33 21.30	31.83 -4.17 38.21	22.25 -3.16 59.98	19.76 -1.94 40.04	26.93 -1.81 8.15	66.34 -4.14 1.64	102.89 -7.64 3.63	42.43 -4.13 10.46	33.62 -3.20 7.94	20.16 -2.57 25.22
V_CMM_10_SYNC_DSASP 323787	45.52 0.11 0.00	58.65 0.11 0.00	42.32 0.10 0.00	40.91 0.10 0.00	36.64 0.08 0.00	39.08 0.00 0.00	53.03 0.00 0.00	53.19 0.15 0.00	45.09 -0.04 0.00	53.01 0.02 0.00	67.75 -0.14 0.00	43.43 -0.08 0.00	60.73 -0.81 0.00	42.06 -0.60 0.00	53.31 -0.71 0.00	73.35 -0.87 0.00	85.05 -0.33 0.00	61.12 -0.63 0.00	36.40 -0.49 0.00	71.37 -0.76 0.00	113.57 -0.59 0.00	56.94 -0.07 0.00	44.80 0.03 0.00	48.07 0.13 0.00
V_CMP_10_SYNC_DSASP 323788	45.94 0.53 0.00	59.06 0.53 0.00	42.56 0.35 0.00	41.04 0.23 0.00	36.80 0.24 0.00	39.32 0.24 0.00	53.20 0.16 0.00	53.44 0.39 0.00	45.07 -0.06 0.00	53.00 0.00 0.00	67.68 -0.21 0.00	43.19 -0.33 0.00	60.14 -1.40 0.00	41.55 -1.11 0.00	52.89 -1.14 0.00	73.22 -1.00 0.00	85.46 0.07 0.00	61.91 0.16 0.00	36.80 -0.09 0.00	71.97 -0.15 0.00	114.11 -0.05 0.00	57.07 0.05 0.00	44.96 0.19 0.00	48.54 0.60 0.00

V_D_10_SYNC_DSASP 323841	45.80 0.40 0.00	59.01 0.47 0.00	42.58 0.36 0.00	41.19 0.38 0.00	36.87 0.31 0.00	39.32 0.24 0.00	53.38 0.34 0.00	53.50 0.45 0.00	45.31 0.18 0.00	53.24 0.25 0.00	68.16 0.27 0.00	43.59 0.08 0.00	61.08 -0.47 0.00	42.19 -0.47 0.00	53.56 -0.46 0.00	73.65 -0.57 0.00	85.29 -0.10 0.00	61.38 -0.37 0.00	36.51 -0.38 0.00	71.69 -0.44 0.00	114.12 -0.03 0.00	57.30 0.29 0.00	45.13 0.36 0.00	48.41 0.47 0.00
V_E_10_SYNC_DSASP 323830	55.05 1.38 -8.27	83.91 2.07 -23.30	60.02 1.00 -16.80	58.47 0.60 -17.06	46.82 0.43 -9.83	48.85 0.68 -9.10	81.78 2.00 -26.74	63.90 2.27 -8.59	50.46 1.45 -3.88	56.34 1.44 -1.91	70.04 2.23 0.09	50.23 1.34 -5.37	82.84 2.57 -18.73	57.09 1.73 -12.70	69.69 2.89 -12.77	103.28 4.25 -24.82	128.67 3.04 -40.25	88.98 2.82 -24.41	43.39 1.91 -4.59	77.87 4.97 -0.78	121.85 5.25 -2.44	66.12 2.07 -7.04	51.50 1.70 -5.03	61.55 1.95 -11.66
V_F_30_NSYNC___DSASP 323816	47.13 1.73 0.00	60.86 2.32 0.00	43.94 1.72 0.00	42.39 1.58 0.00	38.00 1.44 0.00	40.71 1.64 0.00	101.98 2.17 -46.78	64.70 2.13 -9.52	60.34 1.97 -13.24	67.55 2.17 -12.38	79.44 2.65 -8.90	54.02 1.65 -8.86	78.34 2.30 -14.49	53.80 1.38 -9.77	62.86 1.83 -7.00	87.52 2.73 -10.58	94.83 2.79 -6.65	67.77 2.43 -3.59	41.14 1.72 -2.53	75.33 3.20 0.00	119.05 4.89 0.00	59.46 2.45 0.00	46.61 1.84 0.00	49.96 2.02 0.00
V_F_30_SYNC_DSASP 323786	45.76 0.35 0.00	59.08 0.55 0.00	42.74 0.53 0.00	41.27 0.46 0.00	37.02 0.46 0.00	39.57 0.50 0.00	-2.85 0.42 56.30	41.97 0.39 11.46	29.92 0.66 15.86	39.60 0.67 14.06	59.40 0.74 9.24	41.01 0.50 3.01	64.35 0.82 -1.99	54.08 0.45 -10.97	62.51 0.60 -7.89	86.88 0.75 -11.92	93.29 0.41 -7.50	66.47 0.67 -4.05	40.35 0.61 -2.85	72.82 0.69 0.00	114.97 0.81 0.00	57.40 0.39 0.00	45.14 0.37 0.00	48.28 0.34 0.00
V_XM_10_SYNC_DSASP 323789	45.94 0.53 0.00	59.06 0.53 0.00	42.56 0.35 0.00	41.04 0.23 0.00	36.80 0.24 0.00	39.32 0.24 0.00	53.20 0.16 0.00	53.44 0.39 0.00	45.07 -0.06 0.00	53.00 0.00 0.00	67.68 -0.21 0.00	43.19 -0.33 0.00	60.14 -1.40 0.00	41.55 -1.11 0.00	52.89 -1.14 0.00	73.22 -1.00 0.00	85.46 0.07 0.00	61.91 0.16 0.00	36.80 -0.09 0.00	71.97 -0.15 0.00	114.11 -0.05 0.00	57.07 0.05 0.00	44.96 0.19 0.00	48.54 0.60 0.00
W.BABYLN_69_KV_BK1 56697	48.54 3.13 0.00	61.95 3.41 0.00	44.73 2.52 0.00	43.19 2.38 0.00	38.64 2.08 0.00	41.33 2.26 0.00	56.31 3.28 0.00	56.68 3.64 0.00	49.12 3.99 0.00	61.90 4.22 -4.69	76.67 5.58 -3.19	60.02 3.86 -12.64	95.11 5.19 -28.37	79.74 3.90 -33.19	92.22 5.18 -33.01	132.09 6.34 -51.53	123.95 6.15 -32.41	84.63 5.37 -17.50	52.85 3.74 -12.21	78.87 6.75 0.00	124.05 9.90 0.00	61.86 4.85 0.00	48.55 3.77 0.00	51.64 3.70 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.31 1.91 0.00	60.76 2.22 0.00	43.77 1.55 0.00	42.29 1.48 0.00	37.92 1.35 0.00	40.61 1.54 0.00	55.38 2.35 0.00	55.74 2.70 0.00	47.83 2.70 0.00	47.60 3.23 8.62	67.05 4.18 5.02	51.62 2.80 -5.31	107.20 4.44 -41.22	94.13 3.26 -48.22	108.94 4.13 -50.79	159.21 5.33 -79.67	140.98 5.48 -50.11	93.37 4.56 -27.06	58.72 2.96 -18.86	77.26 5.14 0.00	121.29 7.14 0.00	60.33 3.32 0.00	47.35 2.58 0.00	50.38 2.44 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.57 2.16 0.00	61.10 2.56 0.00	43.99 1.77 0.00	42.49 1.69 0.00	38.13 1.56 0.00	40.85 1.78 0.00	55.73 2.69 0.00	56.13 3.09 0.00	48.29 3.17 0.00	61.61 3.88 -4.74	76.07 4.97 -3.20	59.46 3.26 -12.69	95.04 5.03 -28.47	79.62 3.66 -33.30	91.68 4.51 -33.15	131.68 5.72 -51.75	123.85 5.91 -32.55	84.21 4.88 -17.57	52.43 3.28 -12.26	77.85 5.73 0.00	122.10 7.95 0.00	60.69 3.68 0.00	47.72 2.96 0.00	50.77 2.82 0.00
W50THST__13_KV_LOAD 356117	47.77 2.37 0.00	61.34 2.81 0.00	44.16 1.95 0.00	42.67 1.86 0.00	38.28 1.72 0.00	41.04 1.96 0.00	56.00 2.96 0.00	56.43 3.39 0.00	48.57 3.44 0.00	61.95 4.22 -4.74	76.53 5.43 -3.20	59.77 3.57 -12.69	95.48 5.47 -28.47	79.93 3.97 -33.30	92.07 4.89 -33.15	132.21 6.24 -51.75	124.43 6.49 -32.55	84.62 5.29 -17.57	52.70 3.54 -12.26	78.34 6.21 0.00	122.81 8.66 0.00	61.02 4.01 0.00	47.98 3.21 0.00	51.03 3.09 0.00
WADING RIVER_IC_1 23522	47.57 2.17 0.00	60.65 2.11 0.00	43.67 1.45 0.00	42.28 1.47 0.00	37.75 1.19 0.00	40.30 1.22 0.00	54.91 1.88 0.00	55.29 2.25 0.00	47.94 2.81 0.00	60.51 2.83 -4.69	74.75 3.67 -3.19	58.98 2.82 -12.64	93.59 3.68 -28.37	78.67 2.83 -33.19	90.91 3.88 -33.01	130.34 4.60 -51.53	121.84 4.04 -32.41	83.20 3.95 -17.50	52.02 2.92 -12.21	77.43 5.31 0.00	121.73 7.58 0.00	60.69 3.67 0.00	47.64 2.87 0.00	50.71 2.77 0.00
WADING RIVER_IC_2 23547	47.57 2.17 0.00	60.65 2.11 0.00	43.67 1.45 0.00	42.28 1.47 0.00	37.75 1.19 0.00	40.30 1.22 0.00	54.91 1.88 0.00	55.29 2.25 0.00	47.94 2.81 0.00	60.51 2.83 -4.69	74.75 3.67 -3.19	58.98 2.82 -12.64	93.59 3.68 -28.37	78.67 2.83 -33.19	90.91 3.88 -33.01	130.34 4.60 -51.53	121.84 4.04 -32.41	83.20 3.95 -17.50	52.02 2.92 -12.21	77.43 5.31 0.00	121.73 7.58 0.00	60.69 3.67 0.00	47.64 2.87 0.00	50.71 2.77 0.00
WADING RIVER_IC_3 23601	47.57 2.17 0.00	60.65 2.11 0.00	43.67 1.45 0.00	42.28 1.47 0.00	37.75 1.19 0.00	40.30 1.22 0.00	54.91 1.88 0.00	55.29 2.25 0.00	47.94 2.81 0.00	60.51 2.83 -4.69	74.75 3.67 -3.19	58.98 2.82 -12.64	93.59 3.68 -28.37	78.67 2.83 -33.19	90.91 3.88 -33.01	130.34 4.60 -51.53	121.84 4.04 -32.41	83.20 3.95 -17.50	52.02 2.92 -12.21	77.43 5.31 0.00	121.73 7.58 0.00	60.69 3.67 0.00	47.64 2.87 0.00	50.71 2.77 0.00
WALDENNY_12_KV_BK2 80841	27.23 -1.63 16.55	10.54 -1.36 46.64	7.38 -1.21 33.63	5.75 -0.91 34.15	15.64 -1.25 19.67	19.41 -1.45 18.22	-1.81 -1.25 53.59	32.05 -1.67 19.33	35.15 -2.16 7.82	46.40 -2.75 3.85	63.62 -3.20 1.08	24.58 -1.70 17.23	15.97 -3.09 42.49	9.85 -2.13 30.68	18.94 -2.76 32.32	16.35 -3.43 54.44	0.27 -2.04 83.08	4.88 -1.12 55.75	22.51 -1.44 12.94	65.71 -3.54 2.87	102.37 -6.78 5.01	38.98 -3.62 14.42	30.49 -2.80 11.48	11.05 -2.02 34.87
WALDEN___HYDRO 24148	47.82 2.41 0.00	61.42 2.88 0.00	44.22 2.00 0.00	42.70 1.89 0.00	38.29 1.73 0.00	41.04 1.97 0.00	55.94 2.91 0.00	56.31 3.27 0.00	48.38 3.25 0.00	58.09 3.88 -1.22	74.11 4.98 -1.25	53.10 3.10 -6.49	82.87 4.96 -16.36	65.37 3.57 -19.14	71.46 3.79 -13.64	99.54 4.75 -20.58	103.09 4.76 -12.94	72.88 4.14 -6.99	44.34 2.72 -4.74	76.81 4.69 0.00	120.71 6.55 0.00	60.05 3.03 0.00	47.12 2.35 0.00	50.15 2.21 0.00
WARRENSBURG____ 23737	47.15 1.74 0.00	60.71 2.17 0.00	43.83 1.62 0.00	42.26 1.45 0.00	37.88 1.31 0.00	40.66 1.59 0.00	93.62 2.10 -38.49	62.95 2.07 -7.84	57.96 1.93 -10.90	65.17 1.99 -10.19	77.63 2.31 -7.43	52.85 1.51 -7.83	76.69 1.84 -13.30	53.24 0.93 -9.65	62.18 1.25 -6.90	86.60 1.97 -10.42	94.09 2.15 -6.56	67.33 2.04 -3.54	41.12 1.74 -2.50	75.44 3.31 0.00	119.29 5.14 0.00	59.57 2.56 0.00	46.69 1.93 0.00	50.11 2.16 0.00

WATERSIDE___6 8 9 23538	47.52 2.11 0.00	61.02 2.48 0.00	43.96 1.75 0.00	42.47 1.66 0.00	38.11 1.55 0.00	40.83 1.76 0.00	55.69 2.66 0.00	56.13 3.08 0.00	48.24 3.11 0.00	61.49 3.76 -4.74	75.90 4.80 -3.20	59.41 3.21 -12.68	94.83 4.82 -28.46	79.53 3.58 -33.29	91.48 4.32 -33.14	131.46 5.51 -51.73	123.57 5.64 -32.54	84.05 4.73 -17.57	52.36 3.21 -12.26	77.71 5.58 0.00	121.83 7.67 0.00	60.64 3.63 0.00	47.72 2.96 0.00	50.74 2.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.80 0.40 0.00	59.04 0.50 0.00	42.58 0.37 0.00	41.10 0.28 0.00	36.85 0.29 0.00	39.45 0.38 0.00	53.43 0.40 0.00	53.32 0.28 0.00	45.64 0.51 0.00	53.32 0.32 0.00	68.16 0.27 0.00	43.56 0.05 0.00	61.68 0.13 0.00	42.72 0.06 0.00	54.45 0.42 0.00	75.36 1.14 0.00	85.56 0.17 0.00	62.51 0.76 0.00	37.62 0.73 0.00	73.42 1.29 0.00	115.98 1.83 0.00	57.87 0.86 0.00	45.41 0.64 0.00	48.49 0.55 0.00
WDELAWARE___HYD 323627	46.20 0.80 0.00	59.30 0.76 0.00	42.66 0.44 0.00	41.21 0.40 0.00	36.94 0.38 0.00	39.64 0.57 0.00	50.62 0.98 3.39	53.74 1.39 0.69	45.83 1.66 0.96	54.11 2.01 0.90	69.76 2.47 0.60	44.66 1.56 0.41	64.02 2.92 0.45	44.84 2.18 0.00	56.48 2.45 0.00	77.11 2.89 0.00	88.20 2.81 0.00	64.45 2.70 0.00	38.60 1.80 0.09	75.15 3.02 0.00	118.14 3.98 0.00	58.76 1.74 0.00	46.04 1.27 0.00	48.97 1.03 0.00
WEST BABYLON___IC 23714	48.54 3.13 0.00	61.95 3.41 0.00	44.73 2.52 0.00	43.19 2.38 0.00	38.64 2.08 0.00	41.33 2.26 0.00	56.31 3.28 0.00	56.68 3.64 0.00	49.12 3.99 0.00	61.90 4.22 -4.69	76.67 5.58 -3.19	60.02 3.86 -12.64	95.11 5.19 -28.37	79.74 3.90 -33.19	92.22 5.18 -33.01	132.09 6.34 -51.53	123.95 6.15 -32.41	84.63 5.37 -17.50	52.85 3.74 -12.21	78.87 6.75 0.00	124.05 9.90 0.00	61.86 4.85 0.00	48.55 3.77 0.00	51.64 3.70 0.00
WEST CANADA___HYD 24049	45.49 0.08 0.00	58.65 0.12 0.00	42.30 0.08 0.00	40.89 0.08 0.00	36.64 0.07 0.00	39.16 0.08 0.00	53.14 0.11 0.00	53.15 0.11 0.00	45.23 0.10 0.00	53.08 0.09 0.00	68.01 0.12 0.00	43.57 0.07 0.00	61.72 0.18 0.00	42.79 0.13 0.00	54.24 0.22 0.00	74.56 0.35 0.00	85.59 0.21 0.00	62.11 0.36 0.00	37.14 0.25 0.00	72.55 0.42 0.00	114.63 0.47 0.00	57.23 0.22 0.00	44.92 0.16 0.00	48.07 0.13 0.00
WESTERN_NY_WIND 24143	32.02 -0.54 12.85	22.34 0.02 36.21	15.95 -0.15 26.11	14.34 0.04 26.51	20.94 -0.35 15.27	24.51 -0.42 14.14	11.53 0.09 41.59	37.69 -0.37 14.98	38.02 -1.05 6.06	47.93 -2.08 2.98	66.01 -1.29 0.60	31.88 -0.25 11.38	29.29 -0.94 31.31	19.36 -1.21 22.09	28.83 -2.21 22.98	31.06 -2.10 41.05	20.88 -0.16 64.34	19.55 0.76 42.97	27.79 -0.29 8.82	68.84 -1.50 1.79	106.71 -3.55 3.89	43.74 -2.08 11.19	34.68 -1.63 8.47	20.04 -0.85 27.05
WESTOVER___LESR 323668	76.15 0.14 -30.61	144.97 0.18 -86.25	104.46 0.06 -62.19	104.02 0.06 -63.15	72.97 0.03 -36.38	72.86 0.10 -33.69	153.72 0.28 -100.40	88.58 0.20 -35.33	60.69 0.08 -15.48	60.74 0.12 -7.62	67.85 0.25 0.29	59.00 0.29 -15.20	126.85 0.72 -64.58	85.69 0.62 -42.41	97.24 0.52 -42.69	166.70 0.68 -91.81	240.43 0.60 -154.44	158.40 0.90 -95.75	51.27 0.56 -13.81	74.80 1.06 -1.61	124.53 0.97 -9.40	84.44 0.33 -27.10	63.05 0.20 -18.09	99.33 0.23 -51.15
WETHRSFD_WT_PWR 323626	21.67 -2.22 21.51	-3.18 -2.67 59.05	-2.67 -2.36 42.53	-4.30 -1.98 43.12	9.09 -2.06 25.42	13.74 -2.33 23.00	-16.63 -2.32 67.35	24.37 -2.46 26.21	32.74 -2.56 9.84	44.79 -3.36 4.84	59.79 -4.29 3.81	-3.13 -2.95 43.69	-13.85 -4.76 70.63	-16.64 -2.93 56.37	-12.33 -4.04 62.32	-12.03 -5.37 80.88	-25.43 -4.73 106.09	-14.52 -3.09 73.18	5.92 -2.06 28.92	59.93 -4.02 8.17	100.58 -7.28 6.29	34.92 -3.88 18.21	22.77 -3.12 18.88	1.07 -2.78 44.09
WHAVSTOR_138KV_BK127 55557	47.07 1.67 0.00	60.47 1.93 0.00	43.57 1.35 0.00	42.09 1.28 0.00	37.74 1.18 0.00	40.42 1.35 0.00	55.11 2.08 0.00	55.44 2.40 0.00	47.57 2.44 0.00	47.16 2.92 8.75	66.60 3.77 5.06	50.86 2.53 -4.82	105.35 4.04 -39.76	92.15 2.98 -46.51	106.50 3.73 -48.74	155.44 4.80 -76.42	138.33 4.87 -48.07	91.83 4.12 -25.96	57.70 2.71 -18.10	76.78 4.66 0.00	120.58 6.43 0.00	59.96 2.95 0.00	47.09 2.32 0.00	50.13 2.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.07 1.67 0.00	60.47 1.93 0.00	43.57 1.35 0.00	42.09 1.28 0.00	37.74 1.18 0.00	40.42 1.35 0.00	55.11 2.08 0.00	55.44 2.40 0.00	47.57 2.44 0.00	47.16 2.92 8.75	66.60 3.77 5.06	50.86 2.53 -4.82	105.35 4.04 -39.76	92.15 2.98 -46.51	106.50 3.73 -48.74	155.44 4.80 -76.42	138.33 4.87 -48.07	91.83 4.12 -25.96	57.70 2.71 -18.10	76.78 4.66 0.00	120.58 6.43 0.00	59.96 2.95 0.00	47.09 2.32 0.00	50.13 2.19 0.00
WHITEHAL_115KV_TB1 80871	48.71 3.30 0.00	62.34 3.80 0.00	45.07 2.86 0.00	43.32 2.51 0.00	38.78 2.22 0.00	41.80 2.73 0.00	98.45 3.49 -41.93	65.41 3.83 -8.54	60.16 3.16 -11.87	67.02 2.93 -11.10	80.14 4.21 -8.04	54.87 3.10 -8.26	78.99 3.65 -13.80	54.46 2.10 -9.70	63.33 2.36 -6.94	88.05 3.35 -10.49	96.66 4.68 -6.60	69.50 4.20 -3.56	42.47 3.07 -2.51	77.87 5.74 0.00	121.94 7.78 0.00	60.92 3.90 0.00	47.91 3.14 0.00	52.00 4.06 0.00
WHITEPLN_13_KV_LOAD 356215	47.78 2.37 0.00	61.35 2.81 0.00	44.17 1.96 0.00	42.66 1.85 0.00	38.25 1.69 0.00	41.00 1.93 0.00	55.96 2.92 0.00	56.36 3.31 0.00	48.45 3.32 0.00	62.06 4.00 -5.07	76.39 5.21 -3.29	59.95 3.42 -13.01	95.98 5.24 -29.20	80.64 3.83 -34.15	92.93 4.77 -34.13	133.72 6.20 -53.30	125.31 6.39 -33.53	85.11 5.26 -18.11	52.95 3.43 -12.63	78.12 6.00 0.00	122.65 8.49 0.00	60.98 3.97 0.00	47.88 3.11 0.00	50.94 3.00 0.00
WM_FLOYD_69_KV_BK2 356380	47.98 2.58 0.00	61.09 2.55 0.00	44.10 1.89 0.00	42.63 1.82 0.00	38.10 1.54 0.00	40.67 1.59 0.00	55.41 2.37 0.00	55.78 2.73 0.00	48.41 3.28 0.00	61.04 3.36 -4.69	75.45 4.37 -3.19	59.44 3.28 -12.64	94.21 4.30 -28.37	79.07 3.23 -33.19	91.46 4.42 -33.01	131.06 5.31 -51.53	122.61 4.81 -32.41	83.80 4.55 -17.50	52.42 3.32 -12.21	78.21 6.08 0.00	122.94 8.78 0.00	61.29 4.27 0.00	48.09 3.33 0.00	51.16 3.22 0.00
WOODARD___115KV_TB2 355635	44.91 -0.50 0.00	57.90 -0.63 0.00	41.72 -0.50 0.00	40.36 -0.45 0.00	36.13 -0.43 0.00	38.64 -0.43 0.00	52.52 -0.52 0.00	52.37 -0.67 0.00	44.42 -0.71 0.00	52.24 -0.75 0.00	67.02 -0.88 0.00	43.06 -0.45 0.00	61.10 -0.44 0.00	42.40 -0.26 0.00	53.62 -0.41 0.00	73.60 -0.61 0.00	84.80 -0.59 0.00	61.57 -0.18 0.00	36.75 -0.14 0.00	71.80 -0.33 0.00	113.19 -0.97 0.00	56.39 -0.62 0.00	44.18 -0.59 0.00	47.34 -0.59 0.00
YORK___WARBASSE 23770	47.45 2.05 0.00	60.93 2.39 0.00	43.90 1.68 0.00	42.41 1.60 0.00	38.05 1.49 0.00	40.77 1.69 0.00	55.58 2.55 0.00	56.01 2.97 0.00	48.12 2.99 0.00	61.30 3.57 -4.74	75.65 4.56 -3.20	59.30 3.11 -12.68	94.58 4.58 -28.46	79.45 3.50 -33.29	91.38 4.21 -33.14	131.40 5.45 -51.73	123.44 5.51 -32.54	84.07 4.74 -17.57	52.40 3.25 -12.26	77.81 5.69 0.00	121.93 7.77 0.00	60.78 3.77 0.00	47.80 3.03 0.00	50.75 2.81 0.00