

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/30/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.26	39.62	36.74	39.15	40.55	47.44	102.86	75.30	57.19	68.15	70.09	69.71	63.64	73.37	67.42	68.27	72.29	59.39	79.18	73.79	63.34	55.70	46.46	46.91
24138	2.02	1.83	1.64	1.57	1.60	1.93	4.74	3.39	2.93	3.29	3.53	3.87	4.16	4.89	4.15	4.05	4.44	3.72	5.15	4.79	3.92	3.50	2.94	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.25	39.63	36.76	39.17	40.56	47.45	102.93	75.37	57.20	68.18	70.12	69.71	63.62	73.35	67.38	68.21	72.28	59.39	79.20	73.83	63.39	55.74	46.48	46.91
24260	2.01	1.83	1.66	1.59	1.61	1.94	4.80	3.47	2.94	3.31	3.56	3.87	4.14	4.86	4.11	4.00	4.42	3.72	5.17	4.82	3.97	3.54	2.96	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.25	39.63	36.76	39.17	40.56	47.45	102.93	75.37	57.20	68.18	70.12	69.71	63.62	73.35	67.38	68.21	72.28	59.39	79.20	73.83	63.39	55.74	46.48	46.91
24261	2.01	1.83	1.66	1.59	1.61	1.94	4.80	3.47	2.94	3.31	3.56	3.87	4.14	4.86	4.11	4.00	4.42	3.72	5.17	4.82	3.97	3.54	2.96	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.80	39.12	36.40	39.03	40.47	47.19	102.26	74.99	56.06	67.11	68.70	67.66	60.93	70.30	65.50	66.75	70.93	58.42	77.65	72.25	62.18	54.37	45.36	45.76
24011	1.56	1.33	1.30	1.45	1.52	1.68	4.13	3.09	1.80	2.25	2.14	1.82	1.45	1.82	2.23	2.54	3.08	2.75	3.62	3.24	2.77	2.17	1.84	1.63
	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
ADK RESOURCE___RCVRY	38.92	39.19	36.46	39.14	40.59	47.32	102.61	75.37	56.21	67.36	68.85	67.76	60.90	70.32	65.61	67.01	71.29	58.74	78.00	72.50	62.29	54.53	45.48	45.85
23798	1.68	1.40	1.36	1.56	1.64	1.81	4.49	3.46	1.95	2.50	2.29	1.92	1.42	1.83	2.34	2.80	3.44	3.07	3.97	3.49	2.88	2.33	1.96	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	38.80	39.12	36.40	39.03	40.47	47.19	102.26	74.99	56.06	67.11	68.70	67.66	60.93	70.30	65.50	66.75	70.93	58.42	77.65	72.25	62.18	54.37	45.36	45.76
24028	1.56	1.33	1.30	1.45	1.52	1.68	4.13	3.09	1.80	2.25	2.14	1.82	1.45	1.82	2.23	2.54	3.08	2.75	3.62	3.24	2.77	2.17	1.84	1.63
	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
ADK_NYS___DAM	38.73	38.98	36.33	38.94	40.32	46.80	101.00	73.74	55.32	66.07	67.60	66.89	60.37	69.52	64.79	65.96	69.99	57.64	76.93	71.55	61.74	53.70	44.83	45.20
23527	1.49	1.19	1.22	1.36	1.37	1.29	2.87	1.83	1.06	1.21	1.04	1.05	0.89	1.04	1.52	1.75	2.14	1.96	2.90	2.54	2.32	1.50	1.30	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	37.22	37.69	35.12	37.49	38.79	45.14	97.53	71.41	53.89	64.31	65.94	65.29	59.05	68.09	63.11	64.03	67.82	55.80	74.32	69.24	59.60	52.17	43.51	43.94
24190	-0.03	-0.10	0.02	-0.09	-0.15	-0.37	-0.60	-0.50	-0.37	-0.55	-0.63	-0.56	-0.43	-0.39	-0.16	-0.18	-0.04	0.13	0.29	0.23	0.19	-0.03	-0.01	-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
AKWESSNE_115KV_BK	37.85	38.53	35.80	38.32	39.74	46.57	100.06	73.47	55.35	66.32	67.98	67.14	60.41	69.06	64.37	65.46	69.14	56.31	74.70	69.57	59.93	52.91	43.95	44.59
355683	0.61	0.73	0.69	0.73	0.79	1.06	1.94	1.56	1.10	1.46	1.42	1.30	0.94	1.03	1.10	1.25	1.28	0.63	0.66	0.56	0.52	0.71	0.42	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	38.06	38.55	35.89	38.37	39.70	46.28	99.93	73.17	55.19	65.86	67.45	66.75	60.23	69.51	64.41	65.39	69.30	56.98	75.90	70.74	60.95	53.36	44.49	44.97
323833	0.82	0.76	0.78	0.78	0.75	0.77	1.81	1.26	0.93	1.00	0.89	0.91	0.75	1.03	1.14	1.18	1.44	1.30	1.86	1.73	1.54	1.16	0.96	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_2_SOLAR	38.04	38.54	35.88	38.36	39.70	46.26	99.89	73.14	55.16	65.85	67.43	66.73	60.22	69.50	64.41	65.38	69.29	56.97	75.85	70.73	60.93	53.35	44.49	44.95
323834	0.80	0.75	0.78	0.77	0.75	0.75	1.77	1.23	0.90	0.98	0.86	0.89	0.74	1.02	1.14	1.18	1.43	1.29	1.82	1.72	1.52	1.14	0.96	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.22	37.69	35.12	37.49	38.79	45.14	97.53	71.41	53.89	64.31	65.94	65.29	59.05	68.09	63.11	64.03	67.82	55.80	74.32	69.24	59.60	52.17	43.51	43.94
23571	-0.03	-0.10	0.02	-0.09	-0.15	-0.37	-0.60	-0.50	-0.37	-0.55	-0.63	-0.56	-0.43	-0.39	-0.16	-0.18	-0.04	0.13	0.29	0.23	0.19	-0.03	-0.01	-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___2 23572	37.22 -0.03 0.00	37.69 -0.10 0.00	35.12 0.02 0.00	37.49 -0.09 0.00	38.79 -0.15 0.00	45.14 -0.37 0.00	97.53 -0.60 0.00	71.41 -0.50 0.00	53.89 -0.37 0.00	64.31 -0.55 0.00	65.94 -0.63 0.00	65.29 -0.56 0.00	59.05 -0.43 0.00	68.09 -0.39 0.00	63.11 -0.16 0.00	64.03 -0.18 0.00	67.82 -0.04 0.00	55.80 0.13 0.00	74.32 0.29 0.00	69.24 0.23 0.00	59.60 0.19 0.00	52.17 -0.03 0.00	43.51 -0.01 0.00	43.94 -0.19 0.00
ALBANY___3 23573	37.22 -0.03 0.00	37.69 -0.10 0.00	35.12 0.02 0.00	37.49 -0.09 0.00	38.79 -0.15 0.00	45.14 -0.37 0.00	97.53 -0.60 0.00	71.41 -0.50 0.00	53.89 -0.37 0.00	64.31 -0.55 0.00	65.94 -0.63 0.00	65.29 -0.56 0.00	59.05 -0.43 0.00	68.09 -0.39 0.00	63.11 -0.16 0.00	64.03 -0.18 0.00	67.82 -0.04 0.00	55.80 0.13 0.00	74.32 0.29 0.00	69.24 0.23 0.00	59.60 0.19 0.00	52.17 -0.03 0.00	43.51 -0.01 0.00	43.94 -0.19 0.00
ALBANY___4 23574	37.22 -0.03 0.00	37.69 -0.10 0.00	35.12 0.02 0.00	37.49 -0.09 0.00	38.79 -0.15 0.00	45.14 -0.37 0.00	97.53 -0.60 0.00	71.41 -0.50 0.00	53.89 -0.37 0.00	64.31 -0.55 0.00	65.94 -0.63 0.00	65.29 -0.56 0.00	59.05 -0.43 0.00	68.09 -0.39 0.00	63.11 -0.16 0.00	64.03 -0.18 0.00	67.82 -0.04 0.00	55.80 0.13 0.00	74.32 0.29 0.00	69.24 0.23 0.00	59.60 0.19 0.00	52.17 -0.03 0.00	43.51 -0.01 0.00	43.94 -0.19 0.00
ALBANY___LFGE 323615	37.65 0.41 0.00	38.10 0.31 0.00	35.49 0.39 0.00	37.91 0.32 0.00	39.23 0.28 0.00	45.67 0.16 0.00	98.73 0.60 0.00	72.31 0.41 0.00	54.55 0.30 0.00	65.13 0.27 0.00	66.75 0.19 0.00	66.10 0.26 0.00	59.77 0.29 0.00	68.95 0.46 0.00	63.92 0.64 0.00	64.86 0.65 0.00	68.70 0.84 0.00	56.53 0.85 0.00	75.28 1.25 0.00	70.12 1.11 0.00	60.35 0.94 0.00	52.80 0.59 0.00	44.02 0.49 0.00	44.45 0.32 0.00
ALCOA_PA_115KV_PL-6C 55860	38.19 0.95 0.00	38.88 1.08 0.00	36.12 1.02 0.00	38.67 1.09 0.00	40.13 1.18 0.00	47.02 1.51 0.00	101.16 3.03 0.00	74.19 2.28 0.00	55.87 1.61 0.00	67.01 2.14 0.00	68.69 2.13 0.00	67.80 1.96 0.00	60.98 1.50 0.00	69.74 1.71 0.45	65.00 1.73 0.00	66.10 1.89 0.00	69.77 1.91 0.00	56.75 1.08 0.00	75.27 1.24 0.00	70.05 1.04 0.00	60.31 0.90 0.00	53.35 1.14 0.00	44.34 0.82 0.00	45.02 0.89 0.00
ALCOA_RYNLDS___DRP 24188	38.19 0.95 0.00	38.88 1.08 0.00	36.12 1.02 0.00	38.67 1.09 0.00	40.13 1.18 0.00	47.02 1.51 0.00	101.16 3.03 0.00	74.19 2.28 0.00	55.87 1.61 0.00	67.01 2.14 0.00	68.69 2.13 0.00	67.80 1.96 0.00	60.98 1.50 0.00	69.74 1.71 0.45	65.00 1.73 0.00	66.10 1.89 0.00	69.77 1.91 0.00	56.75 1.08 0.00	75.27 1.24 0.00	70.05 1.04 0.00	60.31 0.90 0.00	53.35 1.14 0.00	44.34 0.82 0.00	45.02 0.89 0.00
ALCOA___DSASP 323711	38.19 0.95 0.00	38.88 1.08 0.00	36.12 1.02 0.00	38.68 1.09 0.00	40.13 1.18 0.00	47.02 1.51 0.00	101.16 3.03 0.00	74.19 2.28 0.00	55.87 1.61 0.00	67.01 2.14 0.00	68.69 2.13 0.00	67.80 1.96 0.00	60.98 1.50 0.00	69.74 1.71 0.45	65.00 1.73 0.00	66.10 1.89 0.00	69.76 1.90 0.00	56.75 1.08 0.00	75.27 1.24 0.00	70.05 1.04 0.00	60.31 0.90 0.00	53.35 1.14 0.00	44.34 0.82 0.00	45.02 0.89 0.00
ALLEGHENY___COGEN 23514	37.95 0.54 -0.17	38.64 0.68 -0.16	35.68 0.46 -0.12	38.51 0.77 -0.15	39.82 0.77 -0.10	46.48 0.97 0.00	100.10 1.74 -0.23	71.40 0.81 1.32	46.38 0.30 8.18	69.04 0.60 -3.58	74.97 1.00 -7.41	66.97 1.03 -0.10	59.94 0.27 -0.19	69.22 -0.11 -0.84	57.89 -0.92 4.45	67.05 -0.49 -3.32	67.79 -0.11 -0.05	56.17 0.33 -0.17	76.26 0.93 -1.30	69.50 1.20 0.71	61.09 1.39 -0.29	53.63 1.18 -0.24	44.73 0.97 -0.24	45.73 1.40 -0.20
ALTAMONT_115KV_TB 2 55880	37.66 0.42 0.00	38.14 0.34 0.00	35.48 0.37 0.00	37.93 0.34 0.00	39.26 0.31 0.00	45.76 0.25 0.00	98.79 0.67 0.00	72.34 0.43 0.00	54.60 0.34 0.00	65.18 0.32 0.00	66.86 0.29 0.00	66.22 0.38 0.00	59.93 0.46 0.00	69.06 0.57 0.00	63.86 0.59 0.00	64.77 0.56 0.00	68.58 0.72 0.00	56.39 0.72 0.00	75.08 1.04 0.00	70.02 1.01 0.00	60.30 0.89 0.00	52.85 0.65 0.00	44.09 0.57 0.00	44.57 0.44 0.00
ALTONA_WT_PWR 323606	38.05 0.81 0.00	38.62 0.82 0.00	35.92 0.81 0.00	38.37 0.78 0.00	39.81 0.86 0.00	46.70 1.19 0.00	100.43 2.31 0.00	73.72 1.82 0.00	55.47 1.21 0.00	66.30 1.44 0.00	67.61 1.05 0.00	66.75 0.91 0.00	59.97 0.50 0.00	67.84 0.29 0.94	63.77 0.50 0.00	65.08 0.87 0.00	68.87 1.01 0.00	55.47 -0.21 0.00	73.18 -0.85 0.00	68.17 -0.84 0.00	58.86 -0.55 0.00	52.12 -0.08 0.00	43.44 -0.08 0.00	44.11 -0.02 0.00
AMERICAN_REF_FUEL 24010	34.84 -1.81 0.60	35.97 -1.29 0.54	33.33 -1.36 0.42	35.97 -1.09 0.52	37.34 -1.28 0.33	44.12 -1.39 0.00	91.30 -6.03 0.79	64.41 -6.42 1.08	43.93 -4.67 5.66	60.04 -4.82 0.00	61.30 -4.65 0.61	61.70 -3.85 0.28	54.76 -4.07 0.65	61.98 -5.16 1.35	44.95 -5.32 13.00	53.61 -4.98 5.62	61.30 -6.39 0.17	49.57 -5.51 0.59	65.47 -7.34 1.23	60.88 -6.65 1.48	53.19 -5.41 0.81	46.96 -4.42 0.82	39.60 -3.11 0.82	41.61 -1.83 0.69
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.03 -1.40 0.81	36.03 -1.03 0.74	33.29 -1.25 0.56	35.93 -0.94 0.71	37.53 -0.97 0.46	44.22 -1.29 0.00	92.16 -4.89 1.08	64.82 -5.77 1.32	42.76 -4.68 6.81	60.57 -4.29 0.00	60.90 -4.83 0.83	61.15 -4.31 0.39	54.36 -4.24 0.88	61.15 -5.60 1.74	41.63 -6.00 15.64	52.41 -5.03 6.78	63.26 -4.37 0.24	51.86 -3.00 0.81	68.82 -3.44 1.78	64.47 -2.62 1.91	56.45 -1.85 1.11	49.51 -1.57 1.12	40.65 -1.77 1.11	41.52 -1.67 0.94
ARTHUR KILL_GT_1 23520	39.28 2.04 0.00	39.93 2.14 0.00	37.06 1.96 0.00	39.47 1.88 0.00	40.89 1.94 0.00	47.82 2.31 0.00	103.77 5.65 0.00	75.91 4.00 0.00	57.36 3.10 0.00	67.85 2.99 0.00	69.70 3.13 0.00	69.43 3.59 0.00	63.60 4.12 0.00	73.36 4.87 0.00	67.39 4.12 0.00	68.18 3.97 0.00	72.17 4.31 0.00	59.30 3.63 0.00	79.15 5.12 0.00	73.83 4.82 0.00	63.45 4.04 0.00	55.85 3.64 0.00	46.52 3.00 0.00	46.95 2.82 0.00
ARTHUR_KILL_2 23512	39.18 1.94 0.00	39.83 2.03 0.00	36.97 1.86 0.00	39.37 1.78 0.00	40.78 1.84 0.00	47.70 2.19 0.00	103.48 5.36 0.00	75.68 3.78 0.00	57.19 2.94 0.00	67.65 2.80 0.00	69.48 2.92 0.00	69.23 3.39 0.00	63.42 3.95 0.00	73.13 4.65 0.00	67.17 3.90 0.00	67.98 3.77 0.00	71.96 4.10 0.00	59.13 3.46 0.00	78.91 4.87 0.00	73.62 4.61 0.00	63.25 3.84 0.00	55.68 3.48 0.00	46.39 2.87 0.00	46.83 2.69 0.00
ARTHUR_KILL_3 23513	38.92 1.68 0.00	39.23 1.44 0.00	36.41 1.30 0.00	38.78 1.20 0.00	40.16 1.21 0.00	46.97 1.46 0.00	101.89 3.76 0.00	74.59 2.68 0.00	56.59 2.33 0.00	67.47 2.61 0.00	69.40 2.84 0.00	69.02 3.18 0.00	62.99 3.51 0.00	72.62 4.14 0.00	66.71 3.44 0.00	67.50 3.29 0.00	71.50 3.64 0.00	58.77 3.10 0.00	78.38 4.35 0.00	73.12 4.11 0.00	62.78 3.37 0.00	55.22 3.02 0.00	46.04 2.52 0.00	46.47 2.35 0.00

ARTHUR_KILL_COGEN 323718	39.28 2.03 0.00	39.93 2.14 0.00	37.05 1.95 0.00	39.47 1.88 0.00	40.89 1.94 0.00	47.82 2.31 0.00	103.78 5.65 0.00	75.91 4.00 0.00	57.36 3.10 0.00	67.85 2.99 0.00	69.70 3.13 0.00	69.44 3.59 0.00	63.61 4.13 0.00	73.35 4.86 0.00	67.37 4.10 0.00	68.18 3.97 0.00	72.17 4.32 0.00	59.30 3.63 0.00	79.15 5.12 0.00	73.83 4.82 0.00	63.45 4.04 0.00	55.85 3.64 0.00	46.53 3.01 0.00	46.95 2.82 0.00
ASHOKAN____ 23654	38.19 0.95 0.00	38.67 0.87 0.00	35.94 0.83 0.00	38.38 0.80 0.00	39.78 0.83 0.00	46.49 0.98 0.00	100.63 2.50 0.00	74.06 2.16 0.00	56.01 1.75 0.00	66.92 2.06 0.00	68.69 2.13 0.00	68.06 2.22 0.00	61.55 2.07 0.00	70.94 2.45 0.00	65.63 2.36 0.00	66.61 2.40 0.00	70.61 2.75 0.00	58.09 2.41 0.00	77.46 3.43 0.00	72.04 3.03 0.00	61.97 2.56 0.00	54.19 1.99 0.00	45.07 1.54 0.00	45.42 1.29 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.95 1.71 0.00	39.21 1.41 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.44 0.00	72.54 4.05 0.00	66.64 3.37 0.00	67.45 3.24 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.70 3.29 0.00	55.23 3.02 0.00	46.09 2.56 0.00	46.48 2.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.94 1.70 0.00	39.19 1.40 0.00	36.41 1.31 0.00	38.72 1.14 0.00	40.12 1.17 0.00	46.96 1.45 0.00	101.75 3.62 0.00	74.65 2.74 0.00	56.62 2.37 0.00	67.43 2.57 0.00	69.33 2.76 0.00	68.90 3.06 0.00	62.89 3.42 0.00	72.49 4.00 0.00	66.60 3.34 0.00	67.41 3.20 0.00	71.42 3.56 0.00	58.68 3.01 0.00	78.26 4.23 0.00	72.95 3.94 0.00	62.66 3.25 0.00	55.20 3.00 0.00	46.06 2.54 0.00	46.47 2.34 0.00
ASTORIA_GT2_1 24094	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT2_2 24095	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT2_3 24096	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT2_4 24097	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT3_1 24098	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT3_2 24099	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT3_3 24100	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT3_4 24101	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT4_1 24102	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT4_2 24103	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT4_3 24104	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00

ASTORIA_GT4_4 24105	38.96 1.72 0.00	39.21 1.42 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.45 0.00	72.54 4.05 0.00	66.66 3.39 0.00	67.46 3.25 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.69 3.28 0.00	55.23 3.03 0.00	46.09 2.56 0.00	46.49 2.36 0.00
ASTORIA_GT_1 23523	39.03 1.78 0.00	39.27 1.48 0.00	36.48 1.38 0.00	38.80 1.22 0.00	40.21 1.26 0.00	47.06 1.55 0.00	102.00 3.88 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.60 2.74 0.00	69.52 2.96 0.00	69.08 3.24 0.00	63.06 3.58 0.00	72.69 4.20 0.00	66.79 3.52 0.00	67.59 3.38 0.00	71.61 3.75 0.00	58.83 3.16 0.00	78.47 4.43 0.00	73.13 4.12 0.00	62.82 3.41 0.00	55.33 3.13 0.00	46.17 2.64 0.00	46.57 2.44 0.00
ASTORIA_GT_10 24110	38.94 1.70 0.00	39.32 1.52 0.00	36.49 1.38 0.00	38.85 1.27 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.61 2.35 0.00	67.38 2.53 0.00	69.33 2.77 0.00	68.92 3.08 0.00	62.93 3.46 0.00	72.56 4.07 0.00	66.67 3.40 0.00	67.48 3.27 0.00	71.50 3.64 0.00	58.75 3.08 0.00	78.32 4.29 0.00	73.02 4.00 0.00	62.70 3.28 0.00	55.20 3.00 0.00	46.06 2.54 0.00	46.49 2.36 0.00
ASTORIA_GT_11 24225	38.94 1.70 0.00	39.32 1.52 0.00	36.49 1.38 0.00	38.85 1.27 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.61 2.35 0.00	67.38 2.53 0.00	69.33 2.77 0.00	68.92 3.08 0.00	62.93 3.46 0.00	72.56 4.07 0.00	66.67 3.40 0.00	67.48 3.27 0.00	71.50 3.64 0.00	58.75 3.08 0.00	78.32 4.29 0.00	73.02 4.00 0.00	62.70 3.28 0.00	55.20 3.00 0.00	46.06 2.54 0.00	46.49 2.36 0.00
ASTORIA_GT_12 24226	38.94 1.70 0.00	39.32 1.52 0.00	36.49 1.38 0.00	38.85 1.27 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.61 2.35 0.00	67.38 2.53 0.00	69.33 2.77 0.00	68.92 3.08 0.00	62.93 3.46 0.00	72.56 4.07 0.00	66.67 3.40 0.00	67.48 3.27 0.00	71.50 3.64 0.00	58.75 3.08 0.00	78.32 4.29 0.00	73.02 4.00 0.00	62.70 3.28 0.00	55.20 3.00 0.00	46.06 2.54 0.00	46.49 2.36 0.00
ASTORIA_GT_13 24227	38.94 1.70 0.00	39.32 1.52 0.00	36.49 1.38 0.00	38.85 1.27 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.61 2.35 0.00	67.38 2.53 0.00	69.33 2.77 0.00	68.92 3.08 0.00	62.93 3.46 0.00	72.56 4.07 0.00	66.67 3.40 0.00	67.48 3.27 0.00	71.50 3.64 0.00	58.75 3.08 0.00	78.32 4.29 0.00	73.02 4.00 0.00	62.70 3.28 0.00	55.20 3.00 0.00	46.06 2.54 0.00	46.49 2.36 0.00
ASTORIA_GT_5 24106	39.03 1.78 0.00	39.27 1.48 0.00	36.48 1.38 0.00	38.80 1.22 0.00	40.21 1.26 0.00	47.06 1.55 0.00	102.00 3.88 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.60 2.74 0.00	69.52 2.96 0.00	69.08 3.24 0.00	63.06 3.58 0.00	72.69 4.20 0.00	66.79 3.52 0.00	67.59 3.38 0.00	71.61 3.75 0.00	58.83 3.16 0.00	78.47 4.43 0.00	73.13 4.12 0.00	62.82 3.41 0.00	55.33 3.13 0.00	46.17 2.64 0.00	46.57 2.44 0.00
ASTORIA_GT_7 24107	39.03 1.78 0.00	39.27 1.48 0.00	36.48 1.38 0.00	38.80 1.22 0.00	40.21 1.26 0.00	47.06 1.55 0.00	102.00 3.88 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.60 2.74 0.00	69.52 2.96 0.00	69.08 3.24 0.00	63.06 3.58 0.00	72.69 4.20 0.00	66.79 3.52 0.00	67.59 3.38 0.00	71.61 3.75 0.00	58.83 3.16 0.00	78.47 4.43 0.00	73.13 4.12 0.00	62.82 3.41 0.00	55.33 3.13 0.00	46.17 2.64 0.00	46.57 2.44 0.00
ASTORIA_GT_8 24108	39.03 1.78 0.00	39.27 1.48 0.00	36.48 1.38 0.00	38.80 1.22 0.00	40.21 1.26 0.00	47.06 1.55 0.00	102.00 3.88 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.60 2.74 0.00	69.52 2.96 0.00	69.08 3.24 0.00	63.06 3.58 0.00	72.69 4.20 0.00	66.79 3.52 0.00	67.59 3.38 0.00	71.61 3.75 0.00	58.83 3.16 0.00	78.47 4.43 0.00	73.13 4.12 0.00	62.82 3.41 0.00	55.33 3.13 0.00	46.17 2.64 0.00	46.57 2.44 0.00
ASTORIA___2 24149	38.95 1.71 0.00	39.21 1.41 0.00	36.42 1.32 0.00	38.74 1.16 0.00	40.15 1.20 0.00	46.98 1.47 0.00	101.81 3.69 0.00	74.69 2.78 0.00	56.67 2.41 0.00	67.46 2.60 0.00	69.37 2.81 0.00	68.92 3.08 0.00	62.92 3.44 0.00	72.54 4.05 0.00	66.64 3.37 0.00	67.45 3.24 0.00	71.47 3.61 0.00	58.72 3.04 0.00	78.32 4.29 0.00	72.98 3.97 0.00	62.70 3.29 0.00	55.23 3.02 0.00	46.09 2.56 0.00	46.48 2.35 0.00
ASTORIA___3 23516	38.93 1.69 0.00	39.32 1.52 0.00	36.48 1.38 0.00	38.85 1.26 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.60 2.35 0.00	67.39 2.53 0.00	69.33 2.76 0.00	68.92 3.08 0.00	62.93 3.45 0.00	72.56 4.07 0.00	66.65 3.38 0.00	67.48 3.28 0.00	71.48 3.62 0.00	58.75 3.08 0.00	78.33 4.29 0.00	73.01 4.00 0.00	62.69 3.28 0.00	55.19 2.99 0.00	46.06 2.54 0.00	46.49 2.36 0.00
ASTORIA___4 23517	38.94 1.70 0.00	39.32 1.52 0.00	36.49 1.38 0.00	38.85 1.27 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.61 2.35 0.00	67.38 2.53 0.00	69.33 2.77 0.00	68.92 3.08 0.00	62.93 3.46 0.00	72.56 4.07 0.00	66.67 3.40 0.00	67.48 3.27 0.00	71.50 3.64 0.00	58.75 3.08 0.00	78.32 4.29 0.00	73.02 4.00 0.00	62.70 3.28 0.00	55.20 3.00 0.00	46.06 2.54 0.00	46.49 2.36 0.00
ASTORIA___5 23518	38.93 1.69 0.00	39.32 1.52 0.00	36.48 1.38 0.00	38.85 1.26 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.89 3.77 0.00	74.57 2.66 0.00	56.60 2.35 0.00	67.39 2.53 0.00	69.32 2.76 0.00	68.92 3.08 0.00	62.93 3.45 0.00	72.56 4.07 0.00	66.65 3.38 0.00	67.48 3.28 0.00	71.48 3.62 0.00	58.75 3.08 0.00	78.33 4.29 0.00	73.01 4.00 0.00	62.69 3.28 0.00	55.19 2.99 0.00	46.06 2.54 0.00	46.49 2.36 0.00
AST_ENERGY_2_CC3 323677	39.04 1.80 0.00	39.42 1.62 0.00	36.56 1.45 0.00	38.95 1.37 0.00	40.34 1.39 0.00	47.20 1.68 0.00	102.33 4.21 0.00	74.92 3.01 0.00	56.83 2.58 0.00	67.74 2.88 0.00	69.67 3.11 0.00	69.26 3.42 0.00	63.21 3.73 0.00	72.88 4.39 0.00	66.95 3.68 0.00	67.77 3.56 0.00	71.81 3.96 0.00	59.00 3.33 0.00	78.69 4.66 0.00	73.38 4.37 0.00	63.01 3.59 0.00	55.42 3.21 0.00	46.21 2.69 0.00	46.65 2.52 0.00
AST_ENERGY_2_CC4 323678	39.04 1.80 0.00	39.42 1.62 0.00	36.56 1.45 0.00	38.95 1.37 0.00	40.34 1.39 0.00	47.20 1.68 0.00	102.33 4.21 0.00	74.92 3.01 0.00	56.83 2.58 0.00	67.74 2.88 0.00	69.67 3.11 0.00	69.26 3.42 0.00	63.21 3.73 0.00	72.88 4.39 0.00	66.95 3.68 0.00	67.77 3.56 0.00	71.81 3.96 0.00	59.00 3.33 0.00	78.69 4.66 0.00	73.38 4.37 0.00	63.01 3.59 0.00	55.42 3.21 0.00	46.21 2.69 0.00	46.65 2.52 0.00

ATHENS_STG_1 23668	37.98 0.74 0.00	38.45 0.66 0.00	35.72 0.61 0.00	38.17 0.58 0.00	39.53 0.58 0.00	46.13 0.62 0.00	99.65 1.52 0.00	72.94 1.03 0.00	55.12 0.87 0.00	65.77 0.91 0.00	67.54 0.98 0.00	66.95 1.11 0.00	60.72 1.25 0.00	69.99 1.50 0.00	64.55 1.28 0.00	65.41 1.20 0.00	69.24 1.38 0.00	56.92 1.25 0.00	75.81 1.78 0.00	70.77 1.76 0.00	60.94 1.52 0.00	53.46 1.26 0.00	44.61 1.09 0.00	45.10 0.97 0.00
ATHENS_STG_2 23670	37.98 0.74 0.00	38.45 0.66 0.00	35.72 0.61 0.00	38.17 0.58 0.00	39.53 0.58 0.00	46.13 0.62 0.00	99.65 1.52 0.00	72.94 1.03 0.00	55.12 0.87 0.00	65.77 0.91 0.00	67.54 0.98 0.00	66.95 1.11 0.00	60.72 1.25 0.00	69.99 1.50 0.00	64.55 1.28 0.00	65.41 1.20 0.00	69.24 1.38 0.00	56.92 1.25 0.00	75.81 1.78 0.00	70.77 1.76 0.00	60.94 1.52 0.00	53.46 1.26 0.00	44.61 1.09 0.00	45.10 0.97 0.00
ATHENS_STG_3 23677	37.98 0.74 0.00	38.45 0.66 0.00	35.72 0.61 0.00	38.17 0.58 0.00	39.53 0.58 0.00	46.13 0.62 0.00	99.65 1.52 0.00	72.94 1.03 0.00	55.12 0.87 0.00	65.77 0.91 0.00	67.54 0.98 0.00	66.95 1.11 0.00	60.72 1.25 0.00	69.99 1.50 0.00	64.55 1.28 0.00	65.41 1.20 0.00	69.24 1.38 0.00	56.92 1.25 0.00	75.81 1.78 0.00	70.77 1.76 0.00	60.94 1.52 0.00	53.46 1.26 0.00	44.61 1.09 0.00	45.10 0.97 0.00
AUBURN____LFGE 323710	37.07 -0.17 0.00	37.72 -0.07 0.00	34.87 -0.24 0.00	37.38 -0.20 0.00	38.73 -0.22 0.00	45.30 -0.21 0.00	97.71 -0.42 0.00	71.99 -0.31 -0.40	56.42 -0.25 -2.41	64.73 -0.13 0.00	66.37 -0.19 0.00	65.73 -0.11 0.00	59.46 -0.02 0.00	68.57 -0.18 -0.26	67.32 -0.47 -4.52	65.19 -0.51 -1.49	67.53 -0.33 0.00	55.67 0.00 0.00	73.89 -0.15 0.00	69.39 0.14 -0.24	59.52 0.11 0.00	52.22 0.01 0.00	43.59 0.07 0.00	44.24 0.11 0.00
BABYLON_RES_REC 323704	35.82 1.61 3.03	34.68 1.50 4.62	33.27 1.34 3.17	34.94 1.26 3.91	37.44 1.14 2.65	46.80 1.31 0.03	95.45 2.79 5.46	73.85 1.94 0.00	56.05 1.80 0.00	66.56 1.70 0.00	67.89 1.32 0.00	67.71 1.87 0.00	62.00 2.52 0.00	70.14 2.85 1.20	54.65 2.07 10.69	28.16 2.06 38.10	33.54 2.22 36.54	45.95 1.76 11.48	78.32 2.91 -1.38	55.06 2.25 16.20	59.04 2.36 2.73	25.69 2.03 28.55	5.55 2.20 40.17	42.38 2.26 4.01
BALL_HILL_WT_PWR 323825	35.13 -1.35 0.77	36.15 -0.95 0.70	33.47 -1.11 0.54	36.11 -0.79 0.67	37.55 -0.97 0.43	44.31 -1.20 0.00	92.76 -4.34 1.02	65.73 -4.93 1.24	43.89 -4.00 6.37	61.04 -3.82 0.00	61.91 -3.86 0.79	62.30 -3.17 0.36	55.51 -3.14 0.84	62.68 -4.17 1.64	43.76 -4.82 14.68	53.51 -4.36 6.34	62.99 -4.64 0.22	51.27 -3.64 0.76	67.79 -4.56 1.68	63.46 -3.75 1.80	55.55 -2.81 1.05	48.81 -2.33 1.06	40.66 -1.81 1.05	42.04 -1.20 0.89
BARON_WINDS____WT_PWR 323822	36.55 -1.42 -0.73	37.13 -1.33 -0.66	34.12 -1.49 -0.51	36.98 -1.24 -0.64	37.99 -1.37 -0.41	43.71 -1.80 0.00	94.87 -4.23 -0.97	66.29 -4.08 1.54	40.11 -3.88 10.26	55.46 -4.47 4.93	53.33 -4.05 9.18	62.68 -3.48 -0.32	56.99 -3.28 -0.79	62.03 -4.18 2.28	17.79 -5.18 40.30	33.89 -4.83 25.48	63.81 -4.25 -0.20	53.21 -3.18 -0.72	73.37 -4.14 -3.47	65.67 -3.23 0.12	58.33 -2.19 -1.11	51.30 -1.91 -1.01	42.99 -1.53 -1.00	44.02 -0.96 -0.84
BARRETT_IC_1 23704	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_10 23701	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	75.51 2.24 -9.06	95.22 2.61 -24.75	92.99 2.26 -35.06	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_11 23702	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	75.51 2.24 -9.06	95.22 2.61 -24.75	92.99 2.26 -35.06	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_12 23703	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	75.51 2.24 -9.06	95.22 2.61 -24.75	92.99 2.26 -35.06	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_2 23705	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_3 23706	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_4 23707	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_5 23708	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83

BARRETT_IC_6 23709	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_7 23710	38.76 1.52 0.00	39.20 1.40 0.00	36.33 1.23 0.00	38.75 1.16 0.00	40.03 1.08 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.97 0.00	66.85 2.00 0.00	68.54 1.98 0.00	68.18 2.34 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.85 2.33 -4.24	76.00 2.22 -9.57	134.25 2.62 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.87 2.77 -0.69	64.42 2.30 -9.91	70.08 2.08 -24.48	62.20 2.24 -15.83
BARRETT_IC_8 23711	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT_IC_9 23700	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	75.51 2.24 -9.06	95.22 2.61 -24.75	92.99 2.26 -35.06	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT___1 23545	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	76.02 2.24 -9.57	134.24 2.61 -63.77	115.90 2.26 -57.96	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BARRETT___2 23546	38.76 1.52 0.00	39.19 1.40 0.00	36.33 1.23 0.00	38.74 1.16 0.00	40.02 1.07 0.00	46.79 1.28 0.00	100.92 2.45 -0.34	73.83 1.92 0.00	56.22 1.96 0.00	66.86 2.00 0.00	68.54 1.98 0.00	68.17 2.33 0.00	62.33 2.85 0.00	72.01 3.28 -0.25	69.81 2.29 -4.24	75.51 2.24 -9.06	95.22 2.61 -24.75	92.99 2.26 -35.06	109.85 3.58 -32.24	75.59 2.94 -3.63	62.86 2.76 -0.69	64.42 2.30 -9.91	70.06 2.06 -24.48	62.20 2.24 -15.83
BATAVIA__115KV_TB1 55881	36.85 -0.39 0.00	37.79 0.00 0.00	34.94 -0.17 0.00	37.72 0.13 0.00	38.99 0.04 0.00	45.77 0.25 0.00	96.84 -1.29 0.00	69.01 -2.11 0.79	48.00 -1.51 4.74	63.92 -1.10 -0.16	66.02 -0.86 -0.32	65.53 -0.31 0.00	58.67 -0.81 0.00	66.73 -1.31 0.44	51.43 -1.89 9.95	58.51 -1.56 4.14	65.47 -2.39 0.00	53.60 -2.07 0.00	71.36 -2.67 0.00	65.91 -2.31 0.79	57.54 -1.88 0.00	50.73 -1.48 0.00	42.58 -0.94 0.00	44.11 -0.02 0.00
BAYONEEC___CTG1 323682	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG10 323750	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG2 323683	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG3 323684	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG4 323685	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG5 323686	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG6 323687	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG7 323688	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00

BAYONEEC___CTG8 323689	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BAYONEEC___CTG9 323749	39.04 1.80 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.88 2.97 0.00	56.80 2.54 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.23 3.38 0.00	63.18 3.70 0.00	72.85 4.36 0.00	66.91 3.64 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.34 4.33 0.00	62.97 3.55 0.00	55.40 3.19 0.00	46.19 2.67 0.00	46.64 2.51 0.00
BEACON___LESR 323632	37.80 0.55 0.00	38.28 0.49 0.00	35.64 0.53 0.00	38.14 0.55 0.00	39.54 0.59 0.00	45.90 0.39 0.00	99.44 1.31 0.00	72.79 0.88 0.00	54.93 0.67 0.00	65.56 0.70 0.00	67.23 0.66 0.00	66.49 0.65 0.00	60.10 0.62 0.00	69.44 0.95 0.00	64.27 1.00 0.00	65.20 0.99 0.00	69.14 1.28 0.00	56.86 1.19 0.00	75.80 1.77 0.00	70.66 1.66 0.00	60.89 1.48 0.00	53.15 0.95 0.00	44.28 0.75 0.00	44.73 0.60 0.00
BEAVER RIVER___HYD 24048	38.17 0.93 0.00	38.82 1.03 0.00	36.01 0.90 0.00	38.74 1.16 0.00	40.40 1.45 0.00	47.17 1.66 0.00	102.18 4.05 0.00	75.34 3.43 0.00	56.84 2.59 0.00	68.30 3.44 0.00	70.33 3.77 0.00	68.48 2.63 0.00	60.63 1.15 0.00	73.95 3.54 -1.92	65.93 2.66 0.00	67.15 2.94 0.00	70.56 2.70 0.00	57.60 1.92 0.00	76.29 2.26 0.00	69.85 0.84 0.00	59.50 0.08 0.00	53.02 0.82 0.00	44.97 1.45 0.00	45.93 1.79 0.00
BEEBEE_GT_13 23619	36.60 -0.64 0.00	37.34 -0.45 0.00	34.56 -0.55 0.00	37.20 -0.39 0.00	38.50 -0.45 0.00	45.10 -0.41 0.00	96.47 -1.66 0.00	69.65 -1.70 0.55	49.67 -1.26 3.32	64.13 -1.04 -0.31	66.30 -0.89 -0.62	65.25 -0.59 0.00	58.78 -0.70 0.00	67.20 -1.05 0.23	55.64 -1.48 6.15	60.57 -1.37 2.27	66.06 -1.80 0.00	54.26 -1.41 0.00	72.18 -1.86 0.00	66.78 -1.68 0.56	58.06 -1.36 0.00	51.06 -1.14 0.00	42.72 -0.81 0.00	43.75 -0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.24 2.00 0.00	39.64 1.85 0.00	36.78 1.67 0.00	39.16 1.58 0.00	40.57 1.62 0.00	47.47 1.96 0.00	102.91 4.79 0.00	75.40 3.50 0.00	57.17 2.91 0.00	67.97 3.11 0.00	69.91 3.34 0.00	69.55 3.71 0.00	63.54 4.07 0.00	73.28 4.79 0.00	67.32 4.05 0.00	68.13 3.92 0.00	72.15 4.30 0.00	59.29 3.62 0.00	79.09 5.06 0.00	73.77 4.76 0.00	63.40 3.99 0.00	55.80 3.60 0.00	46.50 2.97 0.00	46.91 2.78 0.00
BETHLEHEM___GRP 23843	37.22 -0.03 0.00	37.69 -0.10 0.00	35.12 0.02 0.00	37.49 -0.09 0.00	38.79 -0.15 0.00	45.14 -0.37 0.00	97.53 -0.60 0.00	71.41 -0.50 0.00	53.89 -0.37 0.00	64.31 -0.55 0.00	65.94 -0.63 0.00	65.29 -0.56 0.00	59.05 -0.43 0.00	68.09 -0.39 0.00	63.11 -0.16 0.00	64.03 -0.18 0.00	67.82 -0.04 0.00	55.80 0.13 0.00	74.32 0.29 0.00	69.24 0.23 0.00	59.60 0.19 0.00	52.17 -0.03 0.00	43.51 -0.01 0.00	43.94 -0.19 0.00
BETHLEHEM___GS1 323560	37.21 -0.03 0.00	37.69 -0.11 0.00	35.12 0.02 0.00	37.49 -0.09 0.00	38.79 -0.16 0.00	45.14 -0.37 0.00	97.53 -0.59 0.00	71.41 -0.50 0.00	53.89 -0.37 0.00	64.31 -0.55 0.00	65.94 -0.63 0.00	65.29 -0.56 0.00	59.04 -0.44 0.00	68.09 -0.39 0.00	63.10 -0.17 0.00	64.02 -0.19 0.00	67.82 -0.04 0.00	55.80 0.13 0.00	74.32 0.29 0.00	69.24 0.23 0.00	59.60 0.19 0.00	52.17 -0.03 0.00	43.51 -0.01 0.00	43.94 -0.19 0.00
BETHLEHEM___GS2 323561	37.21 -0.03 0.00	37.69 -0.11 0.00	35.12 0.02 0.00	37.49 -0.09 0.00	38.79 -0.16 0.00	45.14 -0.37 0.00	97.53 -0.59 0.00	71.41 -0.50 0.00	53.89 -0.37 0.00	64.31 -0.55 0.00	65.94 -0.63 0.00	65.29 -0.56 0.00	59.04 -0.44 0.00	68.09 -0.39 0.00	63.10 -0.17 0.00	64.02 -0.19 0.00	67.82 -0.04 0.00	55.80 0.13 0.00	74.32 0.29 0.00	69.24 0.23 0.00	59.60 0.19 0.00	52.17 -0.03 0.00	43.51 -0.01 0.00	43.94 -0.19 0.00
BETHLEHEM___GS3 323562	37.21 -0.03 0.00	37.69 -0.11 0.00	35.12 0.02 0.00	37.49 -0.09 0.00	38.79 -0.16 0.00	45.14 -0.37 0.00	97.53 -0.59 0.00	71.41 -0.50 0.00	53.89 -0.37 0.00	64.31 -0.55 0.00	65.94 -0.63 0.00	65.29 -0.56 0.00	59.04 -0.44 0.00	68.09 -0.39 0.00	63.10 -0.17 0.00	64.02 -0.19 0.00	67.82 -0.04 0.00	55.80 0.13 0.00	74.32 0.29 0.00	69.24 0.23 0.00	59.60 0.19 0.00	52.17 -0.03 0.00	43.51 -0.01 0.00	43.94 -0.19 0.00
BETHLEHEM___STEEL 23779	36.03 -1.22 0.00	37.02 -0.78 0.00	34.16 -0.95 0.00	36.95 -0.64 0.00	38.11 -0.83 0.00	44.55 -0.97 0.00	94.23 -3.90 0.00	66.47 -4.39 1.04	44.44 -3.55 6.26	61.38 -3.48 0.00	63.26 -3.30 0.00	63.24 -2.60 0.00	56.80 -2.68 0.00	64.20 -3.61 0.68	45.02 -4.28 13.97	54.06 -4.00 6.15	63.13 -4.72 0.00	51.81 -3.86 0.00	69.03 -5.00 0.00	63.79 -4.18 1.04	56.16 -3.25 0.00	49.59 -2.61 0.00	41.71 -1.81 0.00	43.24 -0.89 0.00
BETHLHEM_115KV_TB1 79974	37.33 0.09 0.00	37.80 0.01 0.00	35.21 0.10 0.00	37.61 0.02 0.00	38.91 -0.04 0.00	45.30 -0.21 0.00	97.84 -0.28 0.00	71.65 -0.26 0.00	54.07 -0.19 0.00	64.53 -0.32 0.00	66.17 -0.39 0.00	65.52 -0.32 0.00	59.28 -0.20 0.00	68.35 -0.13 0.00	63.31 0.04 0.00	64.23 0.02 0.00	68.02 0.16 0.00	55.95 0.28 0.00	74.51 0.48 0.00	69.45 0.44 0.00	59.78 0.37 0.00	52.33 0.13 0.00	43.66 0.14 0.00	44.11 -0.02 0.00
BETHPAGE_CC_5 323564	37.25 1.58 1.57	36.88 1.49 2.40	34.77 1.31 1.64	36.79 1.23 2.03	38.69 1.12 1.37	46.78 1.28 0.01	96.47 2.82 4.47	74.22 2.31 0.00	56.39 2.13 0.00	67.04 2.18 0.00	68.66 2.09 0.00	68.27 2.43 0.00	62.44 2.96 0.00	70.81 3.40 1.08	56.41 2.59 9.46	32.36 2.59 34.44	38.72 2.82 31.96	49.40 2.44 8.71	80.19 3.77 -2.39	57.51 3.14 14.65	59.80 2.85 2.47	28.92 2.46 25.75	11.96 2.22 33.78	43.21 2.30 3.23
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.10 -1.14 0.00	37.09 -0.71 0.00	34.22 -0.89 0.00	37.01 -0.57 0.00	38.16 -0.79 0.00	44.60 -0.91 0.00	94.48 -3.64 0.00	66.67 -4.19 1.06	44.47 -3.42 6.36	61.49 -3.38 0.00	63.40 -3.16 0.00	63.40 -2.44 0.00	56.96 -2.51 0.00	64.36 -3.44 0.69	44.96 -4.13 14.18	54.07 -3.88 6.25	63.32 -4.54 0.00	51.99 -3.68 0.00	69.27 -4.77 0.00	63.99 -3.97 1.06	56.38 -3.04 0.00	49.77 -2.44 0.00	41.85 -1.67 0.00	43.38 -0.76 0.00
BINGHAMTON___COGEN 23790	37.18 -0.06 0.00	37.76 -0.04 0.00	35.01 -0.10 0.00	37.56 -0.03 0.00	38.86 -0.09 0.00	45.35 -0.16 0.00	98.04 -0.08 0.00	71.33 -0.23 0.34	51.88 -0.30 2.07	64.08 -0.27 0.51	65.31 -0.23 1.02	65.85 0.02 0.00	59.68 0.21 0.00	68.18 0.13 0.44	57.16 -0.41 5.70	60.51 -0.52 3.18	67.41 -0.45 0.00	55.40 -0.27 0.00	75.03 1.00 0.00	70.05 1.04 0.00	59.67 0.25 0.00	52.34 0.14 0.00	43.71 0.18 0.00	44.44 0.31 0.00

BIXINCNT_115KV_LOAD 355685	36.35 -0.89 0.00	37.27 -0.53 0.00	34.31 -0.79 0.00	36.96 -0.62 0.00	38.00 -0.95 0.00	44.56 -0.95 0.00	95.50 -2.63 0.00	67.29 -3.46 1.15	43.71 -3.61 6.94	60.36 -4.50 0.00	62.33 -4.23 0.00	62.87 -2.97 0.00	56.57 -2.91 0.00	63.48 -4.26 0.75	42.86 -5.05 15.36	52.76 -4.64 6.81	63.64 -4.22 0.00	52.42 -3.25 0.00	70.39 -3.65 0.00	65.27 -2.60 1.15	57.64 -1.77 0.00	50.78 -1.42 0.00	42.59 -0.94 0.00	43.88 -0.25 0.00
BLACK RIVER___HYD 24047	38.30 1.06 0.00	38.91 1.11 0.00	36.09 0.98 0.00	38.84 1.26 0.00	40.54 1.59 0.00	47.33 1.82 0.00	102.72 4.59 0.00	75.93 4.02 0.00	57.28 3.02 0.00	68.76 3.90 0.00	70.87 4.31 0.00	68.76 2.92 0.00	60.84 1.36 0.00	73.94 4.13 -1.33	66.17 2.90 0.00	67.50 3.29 0.00	70.91 3.05 0.00	58.07 2.39 0.00	77.16 3.12 0.00	70.66 1.64 0.00	60.18 0.77 0.00	53.52 1.32 0.00	45.36 1.84 0.00	46.25 2.12 0.00
BLACKRVR_115KV_TB2 79977	38.30 1.06 0.00	38.91 1.11 0.00	36.09 0.98 0.00	38.84 1.26 0.00	40.54 1.59 0.00	47.33 1.82 0.00	102.72 4.59 0.00	75.93 4.03 0.00	57.28 3.02 0.00	68.76 3.90 0.00	70.87 4.31 0.00	68.76 2.93 0.00	60.84 1.36 0.00	73.94 4.13 -1.33	66.17 2.90 0.00	67.50 3.29 0.00	70.91 3.05 0.00	58.06 2.39 0.00	77.15 3.12 0.00	70.66 1.65 0.00	60.19 0.78 0.00	53.52 1.32 0.00	45.36 1.84 0.00	46.25 2.12 0.00
BLDWN_LI_69_KV_BK4 356085	39.03 1.79 0.00	39.46 1.67 0.00	36.57 1.46 0.00	38.99 1.41 0.00	40.26 1.31 0.00	47.08 1.56 0.00	99.41 3.43 2.15	74.66 2.76 0.00	56.74 2.49 0.00	67.47 2.61 0.00	69.16 2.60 0.00	68.77 2.93 0.00	62.87 3.40 0.00	71.87 3.95 0.57	62.26 3.09 4.10	49.24 2.98 17.95	66.81 3.36 4.40	67.36 2.90 -8.79	88.48 4.40 -10.04	65.00 3.72 7.74	61.51 3.38 1.29	42.23 2.82 12.79	32.00 2.50 14.03	48.56 2.58 -1.84
BLISS_WT_PWR 323608	35.50 -0.89 0.85	36.49 -0.53 0.78	33.70 -0.81 0.59	36.16 -0.68 0.75	37.43 -1.04 0.48	44.50 -1.01 0.00	94.39 -2.60 1.14	66.98 -3.55 1.37	43.33 -3.87 7.06	59.85 -5.01 0.00	60.98 -4.71 0.88	62.15 -3.29 0.40	55.36 -3.19 0.93	61.96 -4.71 1.82	41.56 -5.51 16.20	52.16 -5.02 7.03	63.26 -4.35 0.25	51.52 -3.30 0.85	68.56 -3.59 1.88	64.49 -2.52 2.00	56.56 -1.68 1.17	49.66 -1.37 1.17	41.47 -0.88 1.17	42.92 -0.22 0.99
BLUESTONE___WT_PWR 323821	37.10 -0.37 -0.23	37.60 -0.41 -0.21	35.10 -0.17 -0.16	37.81 0.02 -0.20	39.25 0.17 -0.13	44.50 -1.01 0.00	99.40 0.97 -0.31	72.36 -0.25 -0.71	57.21 -0.98 -3.93	62.63 -1.94 0.30	64.45 -1.76 0.36	64.46 -1.49 -0.11	58.90 -0.82 -0.25	68.23 -0.84 -0.59	68.70 -1.43 -6.86	64.05 -2.01 -1.85	65.92 -2.00 -0.07	54.29 -1.61 -0.23	72.88 -1.16 0.00	69.01 -0.67 -0.68	60.43 0.72 -0.29	53.12 0.60 -0.32	45.51 1.67 -0.32	46.33 1.93 -0.27
BLUE_CIRC_CHEM_DRP 24182	37.80 0.55 0.00	38.30 0.50 0.00	35.65 0.54 0.00	38.11 0.52 0.00	39.44 0.49 0.00	45.96 0.45 0.00	99.19 1.07 0.00	72.61 0.71 0.00	54.77 0.51 0.00	65.38 0.52 0.00	66.99 0.43 0.00	66.31 0.47 0.00	59.91 0.43 0.00	69.11 0.62 0.00	63.97 0.70 0.00	64.94 0.73 0.00	68.77 0.91 0.00	56.53 0.86 0.00	75.28 1.25 0.00	70.20 1.18 0.00	60.48 1.06 0.00	52.97 0.76 0.00	44.18 0.66 0.00	44.67 0.54 0.00
BOC_GAS_DRP 24189	37.63 0.39 0.00	38.11 0.31 0.00	35.45 0.34 0.00	37.89 0.31 0.00	39.22 0.27 0.00	45.71 0.20 0.00	98.69 0.57 0.00	72.23 0.33 0.00	54.54 0.28 0.00	65.08 0.22 0.00	66.79 0.22 0.00	66.14 0.30 0.00	59.86 0.38 0.00	69.00 0.52 0.00	63.79 0.52 0.00	64.70 0.49 0.00	68.48 0.63 0.00	56.31 0.64 0.00	74.97 0.94 0.00	69.92 0.91 0.00	60.23 0.82 0.00	52.77 0.57 0.00	44.05 0.52 0.00	44.53 0.40 0.00
BOONVILLE_115KV_TB1 79983	38.06 0.81 0.00	38.65 0.86 0.00	35.88 0.77 0.00	38.53 0.95 0.00	40.06 1.11 0.00	46.80 1.29 0.00	101.37 3.25 0.00	74.55 2.64 0.00	56.27 2.01 0.00	67.42 2.56 0.00	69.29 2.73 0.00	68.00 2.16 0.00	60.80 1.32 0.00	71.96 2.73 -0.74	65.48 2.21 0.00	66.46 2.25 0.00	70.04 2.19 0.00	57.43 1.75 0.00	76.09 2.05 0.00	70.21 1.20 0.00	60.09 0.67 0.00	53.09 0.89 0.00	44.65 1.13 0.00	45.48 1.35 0.00
BORALEX_4TH_BRANCH 23824	38.73 1.49 0.00	38.98 1.19 0.00	36.33 1.22 0.00	38.95 1.36 0.00	40.32 1.37 0.00	46.80 1.29 0.00	101.00 2.87 0.00	73.73 1.83 0.00	55.32 1.07 0.00	66.07 1.21 0.00	67.60 1.04 0.00	66.89 1.05 0.00	60.37 0.89 0.00	69.52 1.04 0.00	64.78 1.52 0.00	65.96 1.75 0.00	69.99 2.14 0.00	57.64 1.97 0.00	76.93 2.90 0.00	71.55 2.54 0.00	61.74 2.32 0.00	53.70 1.50 0.00	44.83 1.31 0.00	45.20 1.07 0.00
BOWLINE___1 23526	38.72 1.48 0.00	39.06 1.27 0.00	36.25 1.14 0.00	38.65 1.06 0.00	40.02 1.08 0.00	46.78 1.27 0.00	101.50 3.38 0.00	74.21 2.30 0.00	56.22 1.96 0.00	66.93 2.07 0.00	68.85 2.29 0.00	68.45 2.61 0.00	62.48 3.01 0.00	72.04 3.56 0.00	66.18 2.91 0.00	66.96 2.75 0.00	70.86 3.00 0.00	58.29 2.62 0.00	77.76 3.73 0.00	72.58 3.57 0.00	62.36 2.94 0.00	54.80 2.60 0.00	45.70 2.18 0.00	46.18 2.05 0.00
BOWLINE___2 23595	38.71 1.47 0.00	39.05 1.26 0.00	36.24 1.14 0.00	38.65 1.06 0.00	40.01 1.07 0.00	46.77 1.25 0.00	101.48 3.36 0.00	74.20 2.29 0.00	56.19 1.93 0.00	66.92 2.06 0.00	68.82 2.26 0.00	68.44 2.59 0.00	62.47 2.99 0.00	72.01 3.53 0.00	66.16 2.89 0.00	66.92 2.71 0.00	70.85 3.00 0.00	58.27 2.60 0.00	77.74 3.71 0.00	72.57 3.55 0.00	62.33 2.92 0.00	54.79 2.59 0.00	45.69 2.16 0.00	46.17 2.04 0.00
BRADY___115KV_TB2 356060	38.68 1.44 0.00	39.38 1.59 0.00	36.59 1.49 0.00	39.20 1.62 0.00	40.69 1.74 0.00	47.73 2.21 0.00	102.69 4.57 0.00	75.44 3.53 0.00	56.78 2.52 0.00	68.16 3.30 0.00	69.88 3.32 0.00	68.94 3.09 0.00	61.88 2.40 0.00	76.38 2.80 -5.10	66.04 2.77 0.00	67.19 2.98 0.00	70.89 3.03 0.00	57.49 1.82 0.00	76.26 2.23 0.00	70.90 1.90 0.00	60.98 1.57 0.00	54.02 1.82 0.00	44.91 1.39 0.00	45.61 1.48 0.00
BRANSCOMB___SOLAR 323811	38.61 1.37 0.00	38.97 1.18 0.00	36.26 1.15 0.00	38.86 1.28 0.00	40.27 1.32 0.00	46.96 1.45 0.00	101.54 3.41 0.00	74.39 2.48 0.00	55.85 1.59 0.00	66.76 1.89 0.00	68.36 1.79 0.00	67.46 1.62 0.00	60.82 1.35 0.00	70.04 1.56 0.00	65.22 1.95 0.00	66.39 2.18 0.00	70.44 2.59 0.00	58.00 2.33 0.00	77.20 3.17 0.00	71.84 2.83 0.00	61.88 2.46 0.00	54.05 1.85 0.00	45.08 1.55 0.00	45.52 1.39 0.00
BRDGHMPT_69_KV_BK1 55812	-29.65 0.93 67.82	-64.72 1.02 103.53	-35.31 0.67 71.09	-49.45 0.56 87.60	-19.99 0.35 59.29	46.00 1.07 0.59	68.72 3.54 32.95	75.40 3.49 0.00	57.31 3.05 0.00	68.12 3.26 0.00	69.58 3.02 0.00	69.26 3.41 0.00	63.32 3.85 0.00	71.19 4.13 1.43	51.65 1.48 13.10	19.98 1.07 45.30	23.55 1.33 45.63	40.74 1.67 16.61	77.76 4.40 0.67	53.37 3.60 19.24	59.57 3.41 3.25	19.92 1.77 34.05	-55.89 1.39 100.80	40.47 1.84 5.50

BRENTWOD_69_KV_W. BRTWOOD 56703	32.70 1.81 6.35	29.77 1.67 9.70	29.94 1.50 6.66	30.81 1.44 8.21	34.68 1.28 5.56	46.86 1.40 0.05	93.92 3.21 7.41	74.60 2.69 0.00	56.70 2.45 0.00	67.34 2.48 0.00	68.88 2.31 0.00	68.48 2.64 0.00	62.64 3.16 0.00	70.72 3.61 1.37	53.44 2.68 12.51	23.31 2.62 43.52	27.31 2.82 43.37	42.90 2.55 15.33	77.94 4.06 0.16	53.63 3.11 18.49	59.31 3.02 3.13	21.97 2.45 32.69	-2.92 2.35 48.79	41.26 2.26 5.13
BRISTLHL_115KV_TB1 79998	36.37 -0.87 0.00	36.92 -0.88 0.00	34.25 -0.86 0.00	36.71 -0.88 0.00	38.05 -0.90 0.00	44.47 -1.04 0.00	95.78 -2.34 0.00	70.32 -1.58 0.00	53.12 -1.14 0.00	63.49 -1.38 0.00	65.20 -1.36 0.00	64.52 -1.32 0.00	58.33 -1.15 0.00	67.27 -1.38 -0.17	61.95 -1.31 0.00	62.82 -1.38 0.00	66.33 -1.53 0.00	54.60 -1.07 0.00	72.71 -1.32 0.00	67.77 -1.24 0.00	58.29 -1.12 0.00	51.15 -1.06 0.00	42.65 -0.88 0.00	43.26 -0.87 0.00
BROOKHAVEN___DRP 24191	-29.77 0.92 67.93	-65.01 0.89 103.70	-35.31 0.78 71.20	-49.48 0.67 87.74	-19.92 0.51 59.39	45.56 0.64 0.59	66.62 1.49 33.00	73.66 1.76 0.00	56.01 1.76 0.00	66.58 1.72 0.00	67.96 1.40 0.00	67.63 1.79 0.00	61.83 2.35 0.00	69.77 2.71 1.43	51.97 1.82 13.12	20.38 1.51 45.34	23.90 1.73 45.69	40.60 1.57 16.64	76.12 2.77 0.68	51.74 1.98 19.25	58.23 2.08 3.26	19.57 1.45 34.08	-56.08 1.33 100.94	40.10 1.48 5.51
BROOKLYN_NAVY_YARD 23515	39.00 1.76 0.00	39.35 1.56 0.00	36.50 1.39 0.00	38.88 1.29 0.00	40.26 1.31 0.00	47.11 1.60 0.00	102.14 4.02 0.00	74.79 2.88 0.00	56.76 2.50 0.00	67.66 2.80 0.00	69.57 3.00 0.00	69.17 3.33 0.00	63.13 3.66 0.00	72.81 4.32 0.00	66.85 3.58 0.00	67.68 3.47 0.00	71.73 3.87 0.00	58.93 3.25 0.00	78.59 4.56 0.00	73.28 4.27 0.00	62.91 3.49 0.00	55.36 3.16 0.00	46.15 2.63 0.00	46.59 2.46 0.00
BROOKLYN___ARMY_DRP 323595	39.07 1.83 0.00	39.48 1.68 0.00	36.63 1.53 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.76 0.00	102.45 4.32 0.00	75.03 3.13 0.00	56.87 2.62 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.19 3.71 0.00	72.88 4.39 0.00	66.96 3.69 0.00	67.76 3.55 0.00	71.75 3.90 0.00	58.97 3.29 0.00	78.65 4.62 0.00	73.35 4.34 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.56 0.00
BROOME_2_LFGE 323671	37.50 -0.05 -0.30	38.04 -0.04 -0.28	35.22 -0.10 -0.21	37.82 -0.03 -0.27	39.03 -0.09 -0.17	45.36 -0.16 0.00	98.47 -0.06 -0.41	71.41 -0.23 0.27	51.92 -0.31 2.03	64.08 -0.27 0.51	65.62 -0.23 0.71	65.99 0.01 -0.14	60.02 0.21 -0.33	68.57 0.14 0.06	57.45 -0.41 5.40	60.58 -0.54 3.10	67.50 -0.45 -0.09	55.72 -0.26 -0.30	75.04 1.00 0.00	70.05 1.04 0.00	60.07 0.28 -0.38	52.77 0.14 -0.42	44.13 0.18 -0.42	44.80 0.31 -0.35
BROOME___LFGE 323600	37.50 -0.05 -0.30	38.04 -0.04 -0.28	35.22 -0.10 -0.21	37.82 -0.03 -0.27	39.03 -0.09 -0.17	45.36 -0.16 0.00	98.47 -0.06 -0.41	71.41 -0.23 0.27	51.92 -0.31 2.03	64.08 -0.27 0.51	65.62 -0.23 0.71	65.99 0.01 -0.14	60.02 0.21 -0.33	68.57 0.14 0.06	57.45 -0.41 5.40	60.58 -0.54 3.10	67.50 -0.45 -0.09	55.72 -0.26 -0.30	75.04 1.00 0.00	70.05 1.04 0.00	60.07 0.28 -0.38	52.77 0.14 -0.42	44.13 0.18 -0.42	44.80 0.31 -0.35
BROWNFLS_115KV_TB_3_5 80003	38.34 1.10 0.00	39.03 1.23 0.00	36.22 1.12 0.00	38.89 1.31 0.00	40.48 1.53 0.00	47.35 1.83 0.00	102.16 4.03 0.00	75.23 3.33 0.00	56.70 2.44 0.00	68.19 3.32 0.00	70.07 3.51 0.00	68.60 2.76 0.00	61.08 1.60 0.00	75.12 3.17 -3.46	65.92 2.65 0.00	67.10 2.89 0.00	70.51 2.65 0.00	57.21 1.54 0.00	75.81 1.78 0.00	69.85 0.84 0.00	59.76 0.34 0.00	53.29 1.09 0.00	44.88 1.36 0.00	45.72 1.59 0.00
BROWNSV1_27_KV_LOAD 356125	39.36 2.12 0.00	39.71 1.92 0.00	36.84 1.73 0.00	39.25 1.66 0.00	40.63 1.68 0.00	47.54 2.03 0.00	103.18 5.05 0.00	75.58 3.67 0.00	57.36 3.10 0.00	68.37 3.51 0.00	70.31 3.75 0.00	69.91 4.07 0.00	63.79 4.31 0.00	73.56 5.07 0.00	67.57 4.30 0.00	68.40 4.19 0.00	72.48 4.62 0.00	59.53 3.86 0.00	79.42 5.39 0.00	74.07 5.06 0.00	63.58 4.17 0.00	55.93 3.73 0.00	46.63 3.10 0.00	47.04 2.91 0.00
BURROWS___LYONSDAL 23803	38.02 0.78 0.00	38.64 0.85 0.00	35.86 0.75 0.00	38.54 0.96 0.00	40.12 1.17 0.00	46.84 1.32 0.00	101.52 3.39 0.00	74.72 2.82 0.00	56.38 2.13 0.00	67.60 2.74 0.00	69.51 2.95 0.00	68.04 2.20 0.00	60.61 1.14 0.00	72.34 2.88 -0.97	65.54 2.27 0.00	66.59 2.38 0.00	70.13 2.28 0.00	57.43 1.76 0.00	76.07 2.04 0.00	70.00 0.99 0.00	59.75 0.34 0.00	52.94 0.73 0.00	44.69 1.17 0.00	45.58 1.45 0.00
CAITHNESS_CC_1 323624	-29.83 0.92 68.00	-65.12 0.89 103.81	-35.40 0.77 71.27	-49.58 0.66 87.83	-19.99 0.51 59.45	45.53 0.61 0.59	66.46 1.37 33.03	73.53 1.63 0.00	55.91 1.65 0.00	66.46 1.59 0.00	67.84 1.28 0.00	67.49 1.65 0.00	61.70 2.23 0.00	69.63 2.57 1.43	51.80 1.66 13.13	20.31 1.49 45.38	23.80 1.68 45.74	40.51 1.50 16.67	75.99 2.65 0.70	51.64 1.90 19.27	58.13 1.97 3.26	19.53 1.44 34.11	-56.22 1.30 101.04	40.09 1.48 5.52
CALPINE BETH_PAGE_GT4 24209	38.91 1.67 0.00	39.36 1.57 0.00	36.49 1.38 0.00	38.89 1.31 0.00	40.16 1.21 0.00	46.91 1.40 0.00	97.85 3.12 3.39	74.48 2.57 0.00	56.58 2.32 0.00	67.26 2.40 0.00	68.92 2.36 0.00	68.53 2.68 0.00	62.66 3.18 0.00	71.20 3.67 0.95	58.02 2.87 8.12	36.54 2.81 30.48	43.72 3.08 27.22	51.89 2.66 6.44	81.20 4.05 -3.12	59.46 3.42 12.97	60.31 3.09 2.19	32.06 2.63 22.77	16.21 2.36 29.68	43.90 2.41 2.65
CALPINE_BETH_PAGE_GT_4 323586	38.91 1.67 0.00	39.36 1.57 0.00	36.48 1.38 0.00	38.89 1.31 0.00	40.16 1.21 0.00	46.91 1.40 0.00	97.85 3.12 3.39	74.47 2.57 0.00	56.57 2.31 0.00	67.26 2.40 0.00	68.92 2.36 0.00	68.52 2.68 0.00	62.65 3.17 0.00	71.20 3.66 0.95	57.97 2.82 8.12	36.55 2.82 30.48	43.70 3.06 27.22	51.90 2.66 6.44	81.21 4.06 -3.12	59.46 3.42 12.97	60.30 3.08 2.19	32.05 2.62 22.77	16.18 2.33 29.68	43.89 2.41 2.65
CALPINE_BP_GT1 23823	38.91 1.67 0.00	39.36 1.57 0.00	36.48 1.38 0.00	38.89 1.31 0.00	40.16 1.21 0.00	46.91 1.40 0.00	97.85 3.12 3.39	74.47 2.57 0.00	56.57 2.31 0.00	67.26 2.40 0.00	68.92 2.36 0.00	68.52 2.68 0.00	62.65 3.17 0.00	71.20 3.66 0.95	57.97 2.82 8.12	36.55 2.82 30.48	43.70 3.06 27.22	51.90 2.66 6.44	81.21 4.06 -3.12	59.46 3.42 12.97	60.30 3.08 2.19	32.05 2.62 22.77	16.18 2.33 29.68	43.89 2.41 2.65
CALSPAN___DRP 24200	36.03 -1.22 0.00	37.02 -0.78 0.00	34.16 -0.95 0.00	36.95 -0.64 0.00	38.11 -0.83 0.00	44.55 -0.97 0.00	94.23 -3.90 0.00	66.47 -4.39 1.04	44.44 -3.55 6.26	61.38 -3.48 0.00	63.26 -3.30 0.00	63.24 -2.60 0.00	56.80 -2.68 0.00	64.20 -3.61 0.68	45.02 -4.28 13.97	54.06 -4.00 6.15	63.13 -4.72 0.00	51.81 -3.86 0.00	69.03 -5.00 0.00	63.79 -4.18 1.04	56.16 -3.25 0.00	49.59 -2.61 0.00	41.71 -1.81 0.00	43.24 -0.89 0.00

CALVERTON___SOLAR 323806	-29.77 0.93 67.94	-65.02 0.90 103.72	-35.33 0.78 71.21	-49.49 0.68 87.75	-19.93 0.52 59.40	45.62 0.69 0.59	66.81 1.69 33.00	73.86 1.95 0.00	56.15 1.89 0.00	66.76 1.90 0.00	68.14 1.58 0.00	67.81 1.97 0.00	62.00 2.51 0.00	69.95 2.89 1.43	51.96 1.80 13.11	20.40 1.52 45.33	23.94 1.75 45.67	40.68 1.64 16.63	76.30 2.94 0.68	51.88 2.12 19.25	58.37 2.21 3.25	19.63 1.49 34.07	-56.13 1.28 100.93	40.13 1.51 5.51
CANDIGU_WT_PWR 323617	36.55 -1.42 -0.73	37.13 -1.33 -0.66	34.12 -1.49 -0.51	36.98 -1.24 -0.64	37.99 -1.37 -0.41	43.71 -1.80 0.00	94.87 -4.23 -0.97	66.29 -4.08 1.54	40.11 -3.88 10.26	55.46 -4.47 4.93	53.33 -4.05 9.18	62.68 -3.48 -0.32	56.99 -3.28 -0.79	62.03 -4.18 2.28	17.79 -5.18 40.30	33.89 -4.83 25.48	63.81 -4.25 -0.20	53.21 -3.18 -0.72	73.37 -4.14 -3.47	65.67 -3.23 0.12	58.33 -2.19 -1.11	51.30 -1.91 -1.01	42.99 -1.53 -1.00	44.02 -0.96 -0.84
CARR STREET_E_SYR 24060	36.60 -0.64 0.00	37.14 -0.66 0.00	34.46 -0.65 0.00	36.93 -0.66 0.00	38.26 -0.69 0.00	44.75 -0.76 0.00	96.42 -1.71 0.00	70.74 -1.17 0.00	53.43 -0.83 0.00	63.87 -0.99 0.00	65.61 -0.95 0.00	64.93 -0.90 0.00	58.75 -0.73 0.00	67.71 -0.92 -0.14	62.27 -1.00 0.00	63.11 -1.10 0.00	66.66 -1.20 0.00	54.86 -0.82 0.00	73.09 -0.95 0.00	68.13 -0.88 0.00	58.59 -0.82 0.00	51.41 -0.79 0.00	42.91 -0.62 0.00	43.54 -0.59 0.00
CARTHAGE___PAPER 23857	38.46 1.21 0.00	39.09 1.29 0.00	36.26 1.15 0.00	39.02 1.43 0.00	40.71 1.76 0.00	47.54 2.03 0.00	103.09 4.97 0.00	76.12 4.21 0.00	57.34 3.09 0.00	68.93 4.07 0.00	71.03 4.47 0.00	69.07 3.23 0.00	61.10 1.62 0.00	74.34 4.29 -1.56	66.49 3.22 0.00	67.78 3.57 0.00	71.19 3.33 0.00	58.17 2.50 0.00	77.14 3.10 0.00	70.61 1.60 0.00	60.16 0.74 0.00	53.56 1.35 0.00	45.40 1.88 0.00	46.33 2.19 0.00
CASSADAGA_WT_PWR 323784	35.27 -1.15 0.82	36.20 -0.85 0.75	33.37 -1.17 0.57	35.88 -0.99 0.72	37.54 -0.95 0.46	44.28 -1.23 0.00	92.18 -4.85 1.09	64.89 -5.68 1.34	42.90 -4.45 6.91	60.67 -4.19 0.00	60.91 -4.81 0.84	61.14 -4.31 0.39	54.33 -4.25 0.89	61.11 -5.62 1.76	41.56 -5.88 15.83	52.58 -4.77 6.87	63.74 -3.88 0.24	52.42 -2.43 0.82	69.63 -2.60 1.80	65.27 -1.81 1.94	57.13 -1.15 1.13	50.04 -1.04 1.13	41.05 -1.35 1.12	41.58 -1.61 0.95
CE_DUNWOOD___DRP 24194	38.83 1.58 0.00	39.19 1.40 0.00	36.35 1.24 0.00	38.76 1.17 0.00	40.12 1.17 0.00	46.91 1.39 0.00	101.72 3.60 0.00	74.44 2.54 0.00	56.42 2.17 0.00	67.22 2.36 0.00	69.14 2.57 0.00	68.70 2.86 0.00	62.69 3.21 0.00	72.26 3.77 0.00	66.42 3.15 0.00	67.22 3.01 0.00	71.18 3.33 0.00	58.52 2.85 0.00	78.06 4.03 0.00	72.82 3.81 0.00	62.54 3.13 0.00	54.97 2.77 0.00	45.87 2.35 0.00	46.32 2.18 0.00
CE_MILLWOOD___DRP 24193	38.78 1.54 0.00	39.13 1.34 0.00	36.31 1.20 0.00	38.71 1.13 0.00	40.08 1.13 0.00	46.85 1.34 0.00	101.61 3.48 0.00	74.34 2.44 0.00	56.35 2.09 0.00	67.12 2.25 0.00	69.02 2.45 0.00	68.60 2.75 0.00	62.58 3.11 0.00	72.15 3.67 0.00	66.31 3.04 0.00	67.10 2.90 0.00	71.07 3.21 0.00	58.44 2.76 0.00	77.94 3.90 0.00	72.72 3.71 0.00	62.46 3.05 0.00	54.90 2.70 0.00	45.80 2.27 0.00	46.25 2.12 0.00
CE_NYC2_DRP 24202	38.97 1.73 0.00	39.34 1.55 0.00	36.51 1.40 0.00	38.88 1.30 0.00	40.27 1.32 0.00	47.12 1.61 0.00	102.01 3.89 0.00	74.66 2.75 0.00	56.66 2.40 0.00	67.46 2.60 0.00	69.40 2.84 0.00	68.98 3.14 0.00	62.99 3.52 0.00	72.62 4.14 0.00	66.73 3.46 0.00	67.55 3.34 0.00	71.57 3.71 0.00	58.81 3.14 0.00	78.40 4.37 0.00	73.09 4.08 0.00	62.76 3.35 0.00	55.24 3.04 0.00	46.11 2.58 0.00	46.53 2.40 0.00
CE_NYC_DRP 24195	39.09 1.85 0.00	39.44 1.64 0.00	36.59 1.49 0.00	38.98 1.40 0.00	40.37 1.42 0.00	47.22 1.71 0.00	102.42 4.29 0.00	75.01 3.11 0.00	56.92 2.66 0.00	67.83 2.97 0.00	69.76 3.20 0.00	69.37 3.53 0.00	63.31 3.83 0.00	73.01 4.52 0.00	67.06 3.79 0.00	67.90 3.69 0.00	71.97 4.12 0.00	59.16 3.49 0.00	78.89 4.85 0.00	73.55 4.54 0.00	63.14 3.73 0.00	55.53 3.33 0.00	46.32 2.80 0.00	46.74 2.61 0.00
CHAFFEE___LFGE 323603	35.37 -1.11 0.76	36.42 -0.68 0.69	33.72 -0.86 0.53	36.37 -0.55 0.67	37.77 -0.75 0.43	44.65 -0.86 0.00	93.62 -3.48 1.02	66.55 -4.06 1.30	44.29 -3.25 6.72	61.75 -3.11 0.00	62.86 -2.92 0.79	63.26 -2.22 0.36	56.34 -2.30 0.83	63.64 -3.17 1.67	43.90 -3.94 15.42	53.82 -3.71 6.68	63.24 -4.39 0.22	51.36 -3.55 0.76	67.78 -4.62 1.63	63.32 -3.85 1.84	55.47 -2.90 1.05	48.79 -2.36 1.05	40.88 -1.60 1.05	42.54 -0.70 0.88
CHATEAUG_35_KV_LOAD 355732	38.01 0.77 0.00	38.64 0.85 0.00	35.91 0.81 0.00	38.39 0.81 0.00	39.83 0.88 0.00	46.73 1.21 0.00	100.56 2.44 0.00	73.81 1.90 0.00	55.55 1.29 0.00	66.46 1.60 0.00	67.80 1.24 0.00	66.86 1.02 0.00	60.06 0.58 0.00	67.30 0.34 1.52	63.80 0.53 0.00	65.13 0.92 0.00	68.85 0.99 0.00	55.48 -0.19 0.00	73.30 -0.73 0.00	68.35 -0.66 0.00	58.96 -0.46 0.00	52.16 -0.04 0.00	43.42 -0.11 0.00	44.07 -0.06 0.00
CHATEAUG_WT_PWR 323614	37.90 0.65 0.00	38.50 0.71 0.00	35.78 0.68 0.00	38.26 0.68 0.00	39.70 0.75 0.00	46.54 1.03 0.00	100.14 2.01 0.00	73.46 1.56 0.00	55.32 1.06 0.00	66.19 1.33 0.00	67.56 1.00 0.00	66.66 0.82 0.00	59.89 0.41 0.00	67.75 0.18 0.92	63.66 0.39 0.00	64.94 0.73 0.00	68.66 0.80 0.00	55.36 -0.31 0.00	73.11 -0.93 0.00	68.19 -0.82 0.00	58.80 -0.61 0.00	52.00 -0.20 0.00	43.34 -0.18 0.00	44.01 -0.12 0.00
CHAT_HIGH_FALL_HYD 323578	38.01 0.77 0.00	38.64 0.85 0.00	35.91 0.81 0.00	38.39 0.81 0.00	39.83 0.88 0.00	46.73 1.21 0.00	100.56 2.44 0.00	73.81 1.90 0.00	55.55 1.29 0.00	66.46 1.60 0.00	67.80 1.24 0.00	66.86 1.02 0.00	60.06 0.58 0.00	67.30 0.34 1.52	63.80 0.53 0.00	65.13 0.92 0.00	68.85 0.99 0.00	55.48 -0.19 0.00	73.30 -0.73 0.00	68.35 -0.66 0.00	58.96 -0.46 0.00	52.16 -0.04 0.00	43.42 -0.11 0.00	44.07 -0.06 0.00
CHAUTAUQUA___LFGE 323629	35.18 -1.28 0.79	36.17 -0.90 0.72	33.46 -1.09 0.55	36.10 -0.79 0.69	37.60 -0.90 0.44	44.34 -1.17 0.00	92.84 -4.23 1.05	65.65 -4.98 1.28	43.54 -4.11 6.60	61.10 -3.76 0.00	61.69 -4.06 0.81	62.04 -3.43 0.38	55.28 -3.34 0.86	62.28 -4.51 1.69	42.93 -5.15 15.19	53.17 -4.47 6.57	63.37 -4.25 0.23	51.71 -3.17 0.79	68.55 -3.75 1.73	64.20 -2.95 1.86	56.22 -2.11 1.09	49.33 -1.78 1.09	40.82 -1.62 1.09	41.95 -1.27 0.91
CHERRYST_13_KV_LD 356241	39.16 1.92 0.00	39.52 1.72 0.00	36.66 1.56 0.00	39.06 1.48 0.00	40.45 1.50 0.00	47.33 1.82 0.00	102.68 4.56 0.00	75.22 3.32 0.00	57.08 2.83 0.00	68.06 3.20 0.00	70.01 3.45 0.00	69.62 3.78 0.00	63.53 4.05 0.00	73.25 4.76 0.00	67.30 4.03 0.00	68.15 3.94 0.00	72.24 4.38 0.00	59.38 3.71 0.00	79.17 5.13 0.00	73.79 4.79 0.00	63.32 3.91 0.00	55.69 3.49 0.00	46.44 2.91 0.00	46.86 2.73 0.00

CHESTROR_138KV_BK263 355645	38.65 1.41 0.00	39.03 1.23 0.00	36.22 1.11 0.00	38.64 1.06 0.00	40.02 1.07 0.00	46.77 1.25 0.00	101.41 3.28 0.00	74.14 2.24 0.00	56.15 1.89 0.00	66.87 2.02 0.00	68.79 2.23 0.00	68.34 2.50 0.00	62.30 2.83 0.00	71.85 3.36 0.00	66.04 2.78 0.00	66.84 2.63 0.00	70.73 2.87 0.00	58.17 2.50 0.00	77.59 3.56 0.00	72.44 3.43 0.00	62.24 2.82 0.00	54.68 2.48 0.00	45.61 2.09 0.00	46.08 1.95 0.00
CH_MIDHUDSON___DRP 24192	38.70 1.46 0.00	39.08 1.28 0.00	36.28 1.17 0.00	38.71 1.12 0.00	40.07 1.12 0.00	46.84 1.33 0.00	101.49 3.37 0.00	74.30 2.40 0.00	56.29 2.03 0.00	67.08 2.21 0.00	68.95 2.38 0.00	68.47 2.63 0.00	62.31 2.83 0.00	71.88 3.39 0.00	66.14 2.87 0.00	66.97 2.77 0.00	70.92 3.06 0.00	58.32 2.65 0.00	77.76 3.73 0.00	72.54 3.53 0.00	62.35 2.94 0.00	54.75 2.54 0.00	45.66 2.14 0.00	46.11 1.98 0.00
CH_MISC_IPPS 23765	38.95 1.71 0.00	39.33 1.54 0.00	36.49 1.38 0.00	38.93 1.35 0.00	40.32 1.37 0.00	47.15 1.64 0.00	102.25 4.12 0.00	74.85 2.94 0.00	56.70 2.44 0.00	67.58 2.72 0.00	69.48 2.92 0.00	69.01 3.17 0.00	62.83 3.35 0.00	72.49 4.01 0.00	66.65 3.38 0.00	67.50 3.29 0.00	71.48 3.62 0.00	58.77 3.10 0.00	78.40 4.37 0.00	73.12 4.12 0.00	62.83 3.41 0.00	55.18 2.98 0.00	46.01 2.48 0.00	46.45 2.32 0.00
CH_RES_BVR_FALLS 23983	37.27 0.03 0.00	37.89 0.09 0.00	35.22 0.11 0.00	37.73 0.14 0.00	39.15 0.20 0.00	45.74 0.22 0.00	98.55 0.43 0.00	72.25 0.34 0.00	54.45 0.19 0.00	65.14 0.28 0.00	66.85 0.29 0.00	65.91 0.07 0.00	59.31 -0.17 0.00	68.49 0.18 0.17	63.45 0.18 0.00	64.45 0.24 0.00	67.93 0.08 0.00	55.48 -0.19 0.00	73.60 -0.44 0.00	68.39 -0.62 0.00	58.89 -0.53 0.00	51.89 -0.31 0.00	43.32 -0.21 0.00	44.06 -0.07 0.00
CH_RES_NIAGARA 23895	35.35 -1.89 0.00	36.41 -1.38 0.00	33.62 -1.48 0.00	36.42 -1.17 0.00	37.58 -1.37 0.00	43.98 -1.53 0.00	91.94 -6.18 0.00	64.66 -6.33 0.92	43.96 -4.78 5.52	60.02 -4.84 0.00	61.82 -4.74 0.00	61.76 -4.08 0.00	55.51 -3.97 0.00	62.82 -5.07 0.60	45.55 -5.40 12.31	53.59 -5.21 5.41	61.29 -6.57 0.00	50.11 -5.56 0.00	66.59 -7.44 0.00	61.46 -6.63 0.92	54.01 -5.40 0.00	47.83 -4.37 0.00	40.61 -2.92 0.00	42.41 -1.72 0.00
CH_RES_SYRACUSE 23985	36.81 -0.43 0.00	37.35 -0.45 0.00	34.62 -0.48 0.00	37.11 -0.47 0.00	38.45 -0.50 0.00	44.98 -0.53 0.00	96.97 -1.16 0.00	71.15 -0.76 0.00	53.70 -0.56 0.00	64.20 -0.66 0.00	65.91 -0.65 0.00	65.25 -0.59 0.00	59.01 -0.46 0.00	67.98 -0.63 -0.12	62.54 -0.73 0.00	63.38 -0.83 0.00	66.99 -0.87 0.00	55.16 -0.51 0.00	73.44 -0.60 0.00	68.53 -0.48 0.00	58.96 -0.46 0.00	51.73 -0.48 0.00	43.17 -0.36 0.00	43.78 -0.36 0.00
CLINTON_WT_PWR 323605	37.90 0.65 0.00	38.50 0.71 0.00	35.78 0.68 0.00	38.26 0.68 0.00	39.70 0.75 0.00	46.54 1.03 0.00	100.14 2.01 0.00	73.46 1.56 0.00	55.32 1.06 0.00	66.19 1.33 0.00	67.56 1.00 0.00	66.66 0.82 0.00	59.89 0.41 0.00	67.75 0.18 0.92	63.66 0.39 0.00	64.94 0.73 0.00	68.66 0.80 0.00	55.36 -0.31 0.00	73.11 -0.93 0.00	68.19 -0.82 0.00	58.80 -0.61 0.00	52.00 -0.20 0.00	43.34 -0.18 0.00	44.01 -0.12 0.00
CLINTON___LFGE 323618	38.37 1.13 0.00	38.93 1.13 0.00	36.18 1.08 0.00	38.68 1.10 0.00	40.14 1.19 0.00	47.09 1.59 0.00	101.33 3.21 0.00	74.41 2.50 0.00	55.98 1.72 0.00	66.88 2.01 0.00	68.23 1.67 0.00	67.33 1.49 0.00	60.48 1.01 0.00	68.25 0.85 1.09	64.27 1.00 0.00	65.65 1.44 0.00	69.49 1.63 0.00	56.04 0.37 0.00	74.05 0.01 0.00	68.95 -0.06 0.00	59.47 0.05 0.00	52.66 0.45 0.00	43.84 0.32 0.00	44.47 0.34 0.00
COBBLENY_34_KV_TB1 80064	36.12 -1.12 0.00	37.10 -0.69 0.00	34.24 -0.86 0.00	37.03 -0.55 0.00	38.19 -0.76 0.00	44.65 -0.86 0.00	94.62 -3.50 0.00	66.80 -4.01 1.10	44.42 -3.23 6.60	61.75 -3.11 0.00	63.65 -2.92 0.00	63.61 -2.23 0.00	57.14 -2.33 0.00	64.59 -3.18 0.71	44.67 -3.92 14.67	54.03 -3.70 6.48	63.45 -4.41 0.00	52.10 -3.57 0.00	69.39 -4.65 0.00	64.05 -3.87 1.09	56.48 -2.94 0.00	49.83 -2.37 0.00	41.91 -1.62 0.00	43.42 -0.70 0.00
COFFEEN___115KV_TB3 355620	38.50 1.25 0.00	39.09 1.30 0.00	36.26 1.16 0.00	39.03 1.44 0.00	40.73 1.78 0.00	47.58 2.06 0.00	103.29 5.17 0.00	76.37 4.46 0.00	57.61 3.36 0.00	69.16 4.30 0.00	71.28 4.72 0.00	69.24 3.40 0.00	61.30 1.82 0.00	74.36 4.59 -1.29	66.58 3.31 0.00	67.90 3.69 0.00	71.34 3.48 0.00	58.46 2.79 0.00	77.68 3.65 0.00	71.14 2.13 0.00	60.65 1.24 0.00	53.87 1.67 0.00	45.61 2.08 0.00	46.47 2.34 0.00
COLDSPRG_115KV_BK1 355956	36.69 -0.55 0.00	37.54 -0.26 0.00	34.56 -0.55 0.00	37.29 -0.30 0.00	38.53 -0.42 0.00	44.97 -0.54 0.00	95.89 -2.23 0.00	67.48 -3.22 1.21	44.36 -2.65 7.25	62.67 -2.38 -0.18	64.35 -2.58 -0.37	63.85 -1.99 0.00	57.50 -1.98 0.00	64.99 -2.79 0.70	44.33 -3.59 15.34	54.57 -3.10 6.53	65.08 -2.78 0.00	53.91 -1.76 0.00	72.18 -1.85 0.00	66.79 -1.03 1.19	58.92 -0.49 0.00	51.76 -0.44 0.00	43.01 -0.52 0.00	43.75 -0.38 0.00
COLONIE_LFGE___ 323577	38.24 1.00 0.00	38.59 0.80 0.00	35.93 0.82 0.00	38.47 0.89 0.00	39.84 0.89 0.00	46.40 0.88 0.00	100.23 2.11 0.00	73.30 1.39 0.00	55.19 0.93 0.00	65.89 1.02 0.00	67.53 0.96 0.00	66.77 0.93 0.00	60.30 0.82 0.00	69.47 0.98 0.00	64.54 1.27 0.00	65.59 1.38 0.00	69.52 1.67 0.00	57.24 1.56 0.00	76.25 2.22 0.00	70.98 1.97 0.00	61.11 1.70 0.00	53.40 1.20 0.00	44.55 1.02 0.00	44.99 0.86 0.00
COOPERNY_115KV_TB1 80082	38.31 1.07 0.00	38.75 0.96 0.00	35.97 0.87 0.00	38.42 0.84 0.00	39.79 0.85 0.00	46.49 0.98 0.00	100.64 2.52 0.00	73.62 1.72 0.00	55.69 1.43 0.00	66.39 1.53 0.00	68.25 1.69 0.00	67.74 1.90 0.00	61.61 2.13 0.00	71.02 2.54 0.00	65.31 2.04 0.00	66.10 1.89 0.00	69.92 2.06 0.00	57.49 1.82 0.00	76.67 2.64 0.00	71.75 2.59 -0.14	61.55 2.14 0.00	54.07 1.86 0.00	45.10 1.58 0.00	45.63 1.50 0.00
COPENHAGEN_WT_PWR 323753	38.00 0.75 0.00	38.60 0.80 0.00	35.79 0.69 0.00	38.55 0.96 0.00	40.25 1.30 0.00	46.94 1.43 0.00	101.84 3.71 0.00	75.26 3.35 0.00	56.76 2.51 0.00	68.13 3.27 0.00	70.24 3.68 0.00	67.93 2.09 0.00	59.94 0.46 0.00	73.11 3.41 -1.21	65.45 2.18 0.00	66.83 2.62 0.00	70.19 2.33 0.00	57.49 1.81 0.00	76.45 2.41 0.00	69.99 0.98 0.00	59.57 0.16 0.00	53.02 0.82 0.00	45.06 1.53 0.00	45.96 1.83 0.00
CORNELL_____ 23752	37.70 0.45 0.00	38.26 0.47 0.00	35.45 0.34 0.00	38.01 0.43 0.00	39.39 0.44 0.00	46.03 0.52 0.00	99.52 1.39 0.00	77.73 1.06 -4.76	83.69 0.80 -28.64	65.76 0.90 0.00	67.61 1.05 0.00	66.93 1.09 0.00	60.57 1.09 0.00	72.83 1.25 -3.09	120.44 0.71 -56.47	86.03 0.61 -21.22	68.42 0.56 0.00	56.35 0.68 -0.01	75.15 1.11 0.00	73.67 1.18 -3.48	60.41 1.00 0.00	53.00 0.80 0.00	44.24 0.72 0.00	44.90 0.77 0.00

CORONA V_69 KV_TB1 355595	39.08 1.84 0.00	39.52 1.72 0.00	36.63 1.53 0.00	39.05 1.47 0.00	40.35 1.40 0.00	47.18 1.67 0.00	101.74 3.61 0.00	74.75 2.84 0.00	56.80 2.55 0.00	67.56 2.70 0.00	69.29 2.73 0.00	68.96 3.12 0.00	63.03 3.55 0.00	72.68 4.11 -0.09	70.12 3.19 -3.66	73.42 3.11 -6.10	120.06 3.48 -48.73	105.41 2.97 -46.77	105.79 4.50 -27.25	75.10 3.84 -2.25	63.32 3.47 -0.44	61.80 2.93 -6.68	63.76 2.55 -17.68	59.05 2.67 -12.25
CORTLAND_115KV_TB3 80093	37.43 0.19 0.00	37.97 0.18 0.00	35.23 0.12 0.00	37.76 0.18 0.00	39.13 0.18 0.00	45.74 0.23 0.00	98.84 0.71 0.00	74.21 0.60 -1.70	64.96 0.45 -10.25	65.36 0.49 0.00	67.15 0.59 0.00	66.48 0.64 0.00	60.15 0.67 0.00	70.50 0.78 -1.23	82.55 0.46 -18.82	70.43 0.30 -5.92	68.15 0.29 0.00	56.09 0.42 0.00	74.86 0.83 0.00	70.90 0.79 -1.10	59.95 0.54 0.00	52.65 0.45 0.00	43.93 0.40 0.00	44.58 0.45 0.00
COXSACKIE__GT 23611	38.72 1.48 0.00	39.19 1.40 0.00	36.48 1.38 0.00	39.00 1.41 0.00	40.40 1.45 0.00	47.16 1.65 0.00	102.17 4.05 0.00	75.27 3.36 0.00	56.86 2.61 0.00	68.02 3.16 0.00	69.59 3.03 0.00	68.72 2.88 0.00	61.77 2.29 0.00	71.36 2.88 0.00	66.36 3.09 0.00	67.45 3.24 0.00	71.58 3.72 0.00	58.91 3.24 0.00	78.49 4.46 0.00	72.91 3.90 0.00	62.70 3.29 0.00	54.67 2.47 0.00	45.47 1.94 0.00	45.82 1.69 0.00
CPV_VALLEY__CC1 323721	38.62 1.38 0.00	38.99 1.20 0.00	36.19 1.08 0.00	38.60 1.02 0.00	39.96 1.01 0.00	46.71 1.20 0.00	101.26 3.14 0.00	74.07 2.16 0.00	56.08 1.82 0.00	66.80 1.93 0.00	68.69 2.12 0.00	68.26 2.42 0.00	62.25 2.77 0.00	71.78 3.29 0.00	65.97 2.70 0.00	66.75 2.54 0.00	70.66 2.80 0.00	58.09 2.42 0.00	77.51 3.47 0.00	72.34 3.33 0.00	62.15 2.74 0.00	54.63 2.43 0.00	45.57 2.04 0.00	46.05 1.92 0.00
CPV_VALLEY__CC2 323722	38.62 1.38 0.00	38.99 1.20 0.00	36.19 1.08 0.00	38.60 1.02 0.00	39.96 1.01 0.00	46.71 1.20 0.00	101.26 3.14 0.00	74.07 2.16 0.00	56.08 1.82 0.00	66.80 1.93 0.00	68.69 2.12 0.00	68.26 2.42 0.00	62.25 2.77 0.00	71.78 3.29 0.00	65.97 2.70 0.00	66.75 2.54 0.00	70.66 2.80 0.00	58.09 2.42 0.00	77.51 3.47 0.00	72.34 3.33 0.00	62.15 2.74 0.00	54.63 2.43 0.00	45.57 2.04 0.00	46.05 1.92 0.00
CRESCENT__HYD 24018	38.24 1.00 0.00	38.59 0.80 0.00	35.93 0.82 0.00	38.47 0.89 0.00	39.84 0.89 0.00	46.40 0.88 0.00	100.23 2.11 0.00	73.30 1.39 0.00	55.19 0.93 0.00	65.89 1.02 0.00	67.53 0.96 0.00	66.77 0.93 0.00	60.30 0.82 0.00	69.47 0.98 0.00	64.54 1.27 0.00	65.59 1.38 0.00	69.52 1.67 0.00	57.24 1.56 0.00	76.25 2.22 0.00	70.98 1.97 0.00	61.11 1.70 0.00	53.40 1.20 0.00	44.55 1.02 0.00	44.99 0.86 0.00
CRICKET__VALLEY_CC1 323756	38.22 0.98 0.00	38.59 0.79 0.00	35.82 0.71 0.00	38.20 0.62 0.00	39.57 0.62 0.00	46.23 0.72 0.00	100.10 1.97 0.00	73.26 1.35 0.00	55.51 1.25 0.00	66.13 1.26 0.00	67.97 1.41 0.00	67.51 1.67 0.00	61.50 2.02 0.00	70.91 2.42 0.00	65.24 1.97 0.00	66.05 1.84 0.00	69.95 2.09 0.00	57.52 1.85 0.00	76.69 2.66 0.00	71.52 2.52 0.00	61.47 2.05 0.00	54.03 1.83 0.00	45.09 1.57 0.00	45.56 1.43 0.00
CRICKET__VALLEY_CC2 323757	38.22 0.98 0.00	38.59 0.79 0.00	35.82 0.71 0.00	38.20 0.62 0.00	39.57 0.62 0.00	46.23 0.72 0.00	100.10 1.97 0.00	73.26 1.35 0.00	55.51 1.25 0.00	66.13 1.26 0.00	67.97 1.41 0.00	67.51 1.67 0.00	61.50 2.02 0.00	70.91 2.42 0.00	65.24 1.97 0.00	66.05 1.84 0.00	69.95 2.09 0.00	57.52 1.85 0.00	76.69 2.66 0.00	71.52 2.52 0.00	61.47 2.05 0.00	54.03 1.83 0.00	45.09 1.57 0.00	45.56 1.43 0.00
CRICKET__VALLEY_CC3 323758	38.22 0.98 0.00	38.59 0.79 0.00	35.82 0.71 0.00	38.20 0.62 0.00	39.57 0.62 0.00	46.23 0.72 0.00	100.10 1.97 0.00	73.26 1.35 0.00	55.51 1.25 0.00	66.13 1.26 0.00	67.97 1.41 0.00	67.51 1.67 0.00	61.50 2.02 0.00	70.91 2.42 0.00	65.24 1.97 0.00	66.05 1.84 0.00	69.95 2.09 0.00	57.52 1.85 0.00	76.69 2.66 0.00	71.52 2.52 0.00	61.47 2.05 0.00	54.03 1.83 0.00	45.09 1.57 0.00	45.56 1.43 0.00
CRUCIBLE_METL_DRP 24180	36.80 -0.44 0.00	37.34 -0.45 0.00	34.62 -0.48 0.00	37.11 -0.48 0.00	38.45 -0.50 0.00	44.98 -0.53 0.00	96.96 -1.16 0.00	71.14 -0.76 0.00	53.70 -0.55 0.00	64.20 -0.66 0.00	65.91 -0.65 0.00	65.24 -0.60 0.00	59.02 -0.46 0.00	67.98 -0.63 -0.12	62.54 -0.73 0.00	63.38 -0.83 0.00	66.99 -0.87 0.00	55.17 -0.51 0.00	73.43 -0.60 0.00	68.53 -0.48 0.00	58.95 -0.46 0.00	51.73 -0.48 0.00	43.16 -0.37 0.00	43.78 -0.36 0.00
DAHOWA__HYDRO 323763	38.74 1.49 0.00	39.09 1.29 0.00	36.37 1.26 0.00	38.98 1.40 0.00	40.41 1.46 0.00	47.12 1.62 0.00	101.97 3.84 0.00	74.74 2.84 0.00	56.03 1.77 0.00	67.01 2.15 0.00	68.61 2.05 0.00	67.66 1.82 0.00	61.00 1.52 0.00	70.23 1.74 0.00	65.41 2.14 0.00	66.62 2.41 0.00	70.74 2.88 0.00	58.27 2.59 0.00	77.50 3.47 0.00	72.10 3.08 0.00	62.12 2.71 0.00	54.26 2.06 0.00	45.24 1.71 0.00	45.68 1.55 0.00
DANC__LFGE 323619	37.41 0.17 0.00	37.97 0.18 0.00	35.23 0.12 0.00	37.86 0.28 0.00	39.43 0.48 0.00	46.03 0.52 0.00	99.54 1.42 0.00	73.40 1.49 0.00	55.40 1.14 0.00	66.43 1.57 0.00	68.39 1.83 0.00	66.70 0.86 0.00	59.40 -0.08 0.00	70.93 1.63 -0.81	64.16 0.89 0.00	65.33 1.13 0.00	68.68 0.82 0.00	56.33 0.66 0.00	74.97 0.93 0.00	69.08 0.07 0.00	59.09 -0.33 0.00	52.32 0.11 0.00	44.16 0.64 0.00	44.95 0.81 0.00
DANSKAMMER__1 23586	38.95 1.71 0.00	39.33 1.54 0.00	36.49 1.38 0.00	38.93 1.35 0.00	40.32 1.37 0.00	47.15 1.64 0.00	102.25 4.12 0.00	74.85 2.94 0.00	56.70 2.44 0.00	67.58 2.72 0.00	69.48 2.92 0.00	69.01 3.17 0.00	62.83 3.35 0.00	72.49 4.01 0.00	66.65 3.38 0.00	67.50 3.29 0.00	71.48 3.62 0.00	58.77 3.10 0.00	78.40 4.37 0.00	73.12 4.12 0.00	62.83 3.41 0.00	55.18 2.98 0.00	46.01 2.48 0.00	46.45 2.32 0.00
DANSKAMMER__2 23589	38.95 1.71 0.00	39.33 1.54 0.00	36.49 1.38 0.00	38.93 1.35 0.00	40.32 1.37 0.00	47.15 1.64 0.00	102.25 4.12 0.00	74.85 2.94 0.00	56.70 2.44 0.00	67.58 2.72 0.00	69.48 2.92 0.00	69.01 3.17 0.00	62.83 3.35 0.00	72.49 4.01 0.00	66.65 3.38 0.00	67.50 3.29 0.00	71.48 3.62 0.00	58.77 3.10 0.00	78.40 4.37 0.00	73.12 4.12 0.00	62.83 3.41 0.00	55.18 2.98 0.00	46.01 2.48 0.00	46.45 2.32 0.00
DANSKAMMER__3 23590	38.95 1.71 0.00	39.33 1.54 0.00	36.49 1.38 0.00	38.93 1.35 0.00	40.32 1.37 0.00	47.15 1.64 0.00	102.25 4.12 0.00	74.85 2.94 0.00	56.70 2.44 0.00	67.58 2.72 0.00	69.48 2.92 0.00	69.01 3.17 0.00	62.83 3.35 0.00	72.49 4.01 0.00	66.65 3.38 0.00	67.50 3.29 0.00	71.48 3.62 0.00	58.77 3.10 0.00	78.40 4.37 0.00	73.12 4.12 0.00	62.83 3.41 0.00	55.18 2.98 0.00	46.01 2.48 0.00	46.45 2.32 0.00

DANSKAMMER___4 23591	38.95 1.71 0.00	39.33 1.54 0.00	36.49 1.38 0.00	38.93 1.35 0.00	40.32 1.37 0.00	47.15 1.64 0.00	102.25 4.12 0.00	74.85 2.94 0.00	56.70 2.44 0.00	67.58 2.72 0.00	69.48 2.92 0.00	69.01 3.17 0.00	62.83 3.35 0.00	72.49 4.01 0.00	66.65 3.38 0.00	67.50 3.29 0.00	71.48 3.62 0.00	58.77 3.10 0.00	78.40 4.37 0.00	73.12 4.12 0.00	62.83 3.41 0.00	55.18 2.98 0.00	46.01 2.48 0.00	46.45 2.32 0.00
DANSKAMMER___DIESEL 23592	38.95 1.71 0.00	39.33 1.54 0.00	36.50 1.39 0.00	38.93 1.35 0.00	40.32 1.37 0.00	47.15 1.64 0.00	102.25 4.12 0.00	74.86 2.95 0.00	56.70 2.45 0.00	67.58 2.72 0.00	69.49 2.93 0.00	69.01 3.17 0.00	62.83 3.35 0.00	72.49 4.01 0.00	66.66 3.40 0.00	67.50 3.30 0.00	71.48 3.62 0.00	58.78 3.11 0.00	78.40 4.37 0.00	73.13 4.12 0.00	62.83 3.42 0.00	55.18 2.98 0.00	46.01 2.48 0.00	46.45 2.32 0.00
DARBY___SOLAR 323810	38.60 1.36 0.00	38.95 1.16 0.00	36.25 1.14 0.00	38.84 1.25 0.00	40.26 1.31 0.00	46.92 1.42 0.00	101.51 3.39 0.00	74.37 2.46 0.00	55.80 1.54 0.00	66.74 1.88 0.00	68.33 1.76 0.00	67.40 1.56 0.00	60.78 1.31 0.00	70.02 1.53 0.00	65.20 1.93 0.00	66.36 2.15 0.00	70.41 2.55 0.00	57.98 2.30 0.00	77.16 3.13 0.00	71.82 2.81 0.00	61.84 2.43 0.00	54.05 1.84 0.00	45.07 1.55 0.00	45.52 1.39 0.00
DASHVILLE___HYD 23610	38.36 1.12 0.00	38.79 0.99 0.00	36.01 0.90 0.00	38.44 0.86 0.00	39.82 0.87 0.00	46.53 1.02 0.00	100.70 2.57 0.00	73.81 1.90 0.00	55.85 1.59 0.00	66.60 1.74 0.00	68.45 1.89 0.00	67.93 2.09 0.00	61.73 2.25 0.00	71.19 2.70 0.00	65.56 2.29 0.00	66.41 2.20 0.00	70.31 2.45 0.00	57.81 2.14 0.00	77.04 3.01 0.00	71.86 2.85 0.00	61.81 2.40 0.00	54.25 2.05 0.00	45.23 1.71 0.00	45.67 1.54 0.00
DELAWARE___LFGE 323621	37.92 0.68 0.00	38.48 0.68 0.00	35.72 0.61 0.00	38.22 0.64 0.00	39.61 0.66 0.00	46.21 0.69 0.00	99.91 1.79 0.00	73.35 1.26 -0.18	56.30 0.97 -1.07	65.69 1.01 0.18	67.30 1.11 0.37	67.05 1.21 0.00	60.75 1.27 0.00	70.07 1.55 -0.04	65.40 1.18 -0.95	64.70 1.07 0.57	68.95 1.10 0.00	56.67 1.00 0.00	75.64 1.61 0.00	70.94 1.64 -0.29	60.79 1.37 0.00	53.38 1.18 0.00	44.58 1.06 0.00	45.21 1.07 0.00
DERFIELD_115KV_TB7 355931	37.31 0.07 0.00	37.83 0.04 0.00	35.14 0.04 0.00	37.62 0.04 0.00	38.98 0.04 0.00	45.52 0.00 0.00	98.20 0.07 0.00	71.97 0.00 0.00	54.31 0.05 0.00	64.87 0.01 0.00	66.58 0.02 0.00	65.87 0.03 0.00	59.55 0.07 0.00	68.75 0.14 -0.12	63.40 0.13 0.00	64.31 0.10 0.00	67.95 0.09 0.00	55.83 0.16 0.00	74.25 0.22 0.00	69.18 0.17 0.00	59.55 0.13 0.00	52.27 0.07 0.00	43.63 0.11 0.00	44.22 0.09 0.00
DOGLEVILLE___HYD 23807	39.27 2.03 0.00	39.54 1.75 0.00	36.82 1.72 0.00	39.40 1.81 0.00	40.70 1.75 0.00	47.47 1.96 0.00	102.74 4.61 0.00	75.38 3.48 0.00	56.77 2.51 0.00	67.50 2.63 0.00	69.05 2.48 0.00	68.59 2.75 0.00	62.03 2.56 0.00	71.64 3.03 -0.12	66.08 2.81 0.00	67.09 2.88 0.00	71.17 3.31 0.00	58.54 2.87 0.00	77.94 3.91 0.00	72.44 3.43 0.00	62.30 2.89 0.00	54.51 2.30 0.00	45.41 1.89 0.00	45.81 1.68 0.00
DUNKIRK__115KV_TB_200 55889	35.95 -1.30 0.00	36.87 -0.92 0.00	34.00 -1.10 0.00	36.78 -0.80 0.00	38.02 -0.93 0.00	44.32 -1.19 0.00	93.92 -4.21 0.00	65.97 -4.86 1.07	43.77 -4.03 6.46	61.14 -3.73 0.00	62.59 -3.97 0.00	62.53 -3.31 0.00	56.22 -3.26 0.00	63.43 -4.37 0.70	43.89 -5.02 14.36	53.45 -4.42 6.34	63.54 -4.31 0.00	52.36 -3.31 0.00	70.08 -3.95 0.00	64.80 -3.14 1.07	57.12 -2.29 0.00	50.29 -1.91 0.00	41.87 -1.66 0.00	42.90 -1.23 0.00
DUNKIRK___1 23563	35.95 -1.30 0.00	36.87 -0.92 0.00	34.00 -1.10 0.00	36.78 -0.80 0.00	38.02 -0.93 0.00	44.32 -1.19 0.00	93.92 -4.21 0.00	65.97 -4.86 1.07	43.77 -4.03 6.46	61.14 -3.73 0.00	62.59 -3.97 0.00	62.53 -3.31 0.00	56.22 -3.26 0.00	63.43 -4.37 0.70	43.89 -5.02 14.36	53.45 -4.42 6.34	63.54 -4.31 0.00	52.36 -3.31 0.00	70.08 -3.95 0.00	64.80 -3.14 1.07	57.12 -2.29 0.00	50.29 -1.91 0.00	41.87 -1.66 0.00	42.90 -1.23 0.00
DUNKIRK___2 23564	35.95 -1.30 0.00	36.87 -0.92 0.00	34.00 -1.10 0.00	36.78 -0.80 0.00	38.02 -0.93 0.00	44.32 -1.19 0.00	93.92 -4.21 0.00	65.97 -4.86 1.07	43.77 -4.03 6.46	61.14 -3.73 0.00	62.59 -3.97 0.00	62.53 -3.31 0.00	56.22 -3.26 0.00	63.43 -4.37 0.70	43.89 -5.02 14.36	53.45 -4.42 6.34	63.54 -4.31 0.00	52.36 -3.31 0.00	70.08 -3.95 0.00	64.80 -3.14 1.07	57.12 -2.29 0.00	50.29 -1.91 0.00	41.87 -1.66 0.00	42.90 -1.23 0.00
DUNKIRK___3 23565	35.91 -1.33 0.00	36.84 -0.95 0.00	34.00 -1.11 0.00	36.77 -0.81 0.00	37.97 -0.98 0.00	44.29 -1.22 0.00	93.90 -4.23 0.00	66.10 -4.75 1.05	44.00 -3.92 6.33	61.15 -3.71 0.00	62.73 -3.84 0.00	62.69 -3.15 0.00	56.39 -3.08 0.00	63.69 -4.12 0.68	44.39 -4.78 14.10	53.66 -4.32 6.23	63.35 -4.50 0.00	52.14 -3.54 0.00	69.66 -4.37 0.00	64.44 -3.52 1.05	56.78 -2.63 0.00	50.02 -2.19 0.00	41.77 -1.75 0.00	42.96 -1.17 0.00
DUNKIRK___4 23566	35.91 -1.33 0.00	36.84 -0.95 0.00	34.00 -1.11 0.00	36.77 -0.81 0.00	37.97 -0.98 0.00	44.29 -1.22 0.00	93.90 -4.23 0.00	66.10 -4.75 1.05	44.00 -3.92 6.33	61.15 -3.71 0.00	62.73 -3.84 0.00	62.69 -3.15 0.00	56.39 -3.08 0.00	63.69 -4.12 0.68	44.39 -4.78 14.10	53.66 -4.32 6.23	63.35 -4.50 0.00	52.14 -3.54 0.00	69.66 -4.37 0.00	64.44 -3.52 1.05	56.78 -2.63 0.00	50.02 -2.19 0.00	41.77 -1.75 0.00	42.96 -1.17 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.91 1.66 0.00	39.24 1.45 0.00	36.40 1.29 0.00	38.80 1.21 0.00	40.18 1.23 0.00	46.97 1.46 0.00	101.84 3.72 0.00	74.57 2.66 0.00	56.55 2.29 0.00	67.37 2.52 0.00	69.28 2.71 0.00	68.86 3.02 0.00	62.82 3.34 0.00	72.43 3.95 0.00	66.56 3.29 0.00	67.37 3.16 0.00	71.36 3.50 0.00	58.66 2.99 0.00	78.24 4.21 0.00	72.96 3.95 0.00	62.67 3.26 0.00	55.10 2.89 0.00	45.97 2.45 0.00	46.43 2.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.81 1.57 0.00	39.18 1.38 0.00	36.36 1.25 0.00	38.79 1.21 0.00	40.17 1.22 0.00	46.96 1.45 0.00	101.83 3.70 0.00	74.51 2.60 0.00	56.44 2.19 0.00	67.25 2.39 0.00	69.15 2.59 0.00	68.70 2.86 0.00	62.61 3.14 0.00	72.21 3.73 0.00	66.39 3.12 0.00	67.19 2.98 0.00	71.14 3.28 0.00	58.49 2.82 0.00	78.03 4.00 0.00	72.80 3.79 0.00	62.55 3.14 0.00	54.95 2.75 0.00	45.83 2.31 0.00	46.29 2.15 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.02 1.78 0.00	39.40 1.61 0.00	36.58 1.47 0.00	38.93 1.35 0.00	40.34 1.39 0.00	47.19 1.68 0.00	102.14 4.01 0.00	74.81 2.90 0.00	56.73 2.47 0.00	67.54 2.68 0.00	69.45 2.89 0.00	69.04 3.20 0.00	63.00 3.53 0.00	72.63 4.14 0.00	66.75 3.48 0.00	67.55 3.34 0.00	71.55 3.69 0.00	58.80 3.13 0.00	78.39 4.36 0.00	73.09 4.07 0.00	62.78 3.37 0.00	55.28 3.07 0.00	46.09 2.56 0.00	46.52 2.39 0.00

E179THST_13_KV_LOAD 356214	39.17 1.93 0.00	39.54 1.75 0.00	36.71 1.60 0.00	39.06 1.48 0.00	40.47 1.52 0.00	47.36 1.85 0.00	102.53 4.40 0.00	75.13 3.23 0.00	56.98 2.73 0.00	67.84 2.98 0.00	69.76 3.20 0.00	69.34 3.49 0.00	63.30 3.82 0.00	72.97 4.48 0.00	67.04 3.77 0.00	67.85 3.64 0.00	71.89 4.03 0.00	59.08 3.40 0.00	78.76 4.73 0.00	73.44 4.43 0.00	63.06 3.65 0.00	55.52 3.32 0.00	46.29 2.77 0.00	46.71 2.58 0.00
EAST HAMPTON___GT 23717	-29.95 0.62 67.81	-64.93 0.80 103.52	-35.74 0.23 71.08	-49.90 0.10 87.59	-20.53 -0.19 59.29	45.93 1.00 0.59	69.42 4.24 32.94	76.07 4.16 0.00	57.82 3.56 0.00	68.73 3.87 0.00	70.22 3.66 0.00	69.88 4.04 0.00	63.89 4.41 0.00	71.56 4.51 1.43	50.41 0.24 13.10	18.78 -0.14 45.29	22.29 0.06 45.63	40.07 1.00 16.61	78.30 4.94 0.67	54.03 4.26 19.24	60.02 3.86 3.25	19.64 1.48 34.04	-56.32 0.95 100.79	40.37 1.74 5.50
EAST RIVER___6 23660	39.00 1.76 0.00	39.34 1.55 0.00	36.49 1.38 0.00	38.88 1.29 0.00	40.27 1.32 0.00	47.13 1.61 0.00	102.25 4.12 0.00	74.90 3.00 0.00	56.85 2.60 0.00	67.76 2.90 0.00	69.70 3.14 0.00	69.31 3.47 0.00	63.25 3.77 0.00	72.95 4.46 0.00	67.01 3.74 0.00	67.87 3.66 0.00	72.13 4.28 0.00	59.32 3.65 0.00	79.11 5.08 0.00	73.75 4.74 0.00	63.37 3.96 0.00	55.74 3.54 0.00	46.46 2.94 0.00	46.90 2.77 0.00
EAST RIVER___7 23524	39.00 1.76 0.00	39.34 1.55 0.00	36.49 1.38 0.00	38.88 1.29 0.00	40.27 1.32 0.00	47.13 1.61 0.00	102.25 4.12 0.00	74.90 3.00 0.00	56.85 2.60 0.00	67.76 2.90 0.00	69.70 3.14 0.00	69.31 3.47 0.00	63.25 3.77 0.00	72.95 4.46 0.00	67.01 3.74 0.00	67.87 3.66 0.00	72.13 4.28 0.00	59.32 3.65 0.00	79.11 5.08 0.00	73.75 4.74 0.00	63.37 3.96 0.00	55.74 3.54 0.00	46.46 2.94 0.00	46.90 2.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.83 1.58 0.00	39.19 1.40 0.00	36.35 1.24 0.00	38.76 1.17 0.00	40.12 1.17 0.00	46.91 1.39 0.00	101.72 3.60 0.00	74.44 2.54 0.00	56.42 2.17 0.00	67.22 2.36 0.00	69.14 2.57 0.00	68.70 2.86 0.00	62.69 3.21 0.00	72.26 3.77 0.00	66.42 3.15 0.00	67.22 3.01 0.00	71.18 3.33 0.00	58.52 2.85 0.00	78.06 4.03 0.00	72.82 3.81 0.00	62.54 3.13 0.00	54.97 2.77 0.00	45.87 2.35 0.00	46.32 2.18 0.00
EAST_HAMPTON___DIESEL 23722	-30.03 0.54 67.81	-65.00 0.73 103.52	-35.83 0.14 71.08	-50.00 0.00 87.59	-20.64 -0.30 59.29	45.88 0.96 0.59	69.42 4.24 32.94	76.07 4.17 0.00	57.83 3.57 0.00	68.74 3.88 0.00	70.24 3.68 0.00	69.89 4.05 0.00	63.89 4.41 0.00	71.52 4.46 1.43	50.18 0.02 13.10	18.56 -0.36 45.29	22.06 -0.17 45.63	39.92 0.85 16.61	78.27 4.91 0.67	54.04 4.27 19.24	60.02 3.86 3.25	19.55 1.39 34.04	-56.41 0.86 100.79	40.33 1.70 5.50
EAST_POINT___SOLAR 323840	38.20 0.96 0.00	38.70 0.90 0.00	35.92 0.82 0.00	38.47 0.88 0.00	39.88 0.93 0.00	46.70 1.19 0.00	100.91 2.78 0.00	74.40 2.50 0.00	56.15 1.90 0.00	66.97 2.11 0.00	68.64 2.08 0.00	67.76 1.91 0.00	61.13 1.65 0.00	70.84 2.36 0.00	65.38 2.11 0.00	66.28 2.07 0.00	69.90 2.04 0.00	57.32 1.64 0.00	76.58 2.55 0.00	71.59 2.58 0.00	61.58 2.17 0.00	54.04 1.84 0.00	44.86 1.34 0.00	45.53 1.40 0.00
EAST_PULASKI___ESR 323781	36.87 -0.37 0.00	37.39 -0.40 0.00	34.68 -0.43 0.00	37.21 -0.38 0.00	38.63 -0.32 0.00	45.14 -0.37 0.00	97.31 -0.81 0.00	71.60 -0.30 0.00	54.10 -0.16 0.00	64.75 -0.11 0.00	66.56 -0.01 0.00	65.50 -0.34 0.00	58.91 -0.57 0.00	68.82 -0.09 -0.42	62.91 -0.36 0.00	63.87 -0.33 0.00	67.26 -0.60 0.00	55.29 -0.38 0.00	73.59 -0.45 0.00	68.27 -0.74 0.00	58.64 -0.78 0.00	51.67 -0.54 0.00	43.29 -0.23 0.00	43.98 -0.15 0.00
EAST_RIVER___1 323558	39.08 1.84 0.00	39.44 1.64 0.00	36.59 1.48 0.00	38.98 1.40 0.00	40.37 1.42 0.00	47.22 1.71 0.00	102.42 4.29 0.00	75.01 3.11 0.00	56.92 2.66 0.00	67.82 2.97 0.00	69.76 3.20 0.00	69.37 3.53 0.00	63.31 3.83 0.00	73.00 4.52 0.00	67.05 3.78 0.00	67.89 3.68 0.00	71.98 4.12 0.00	59.15 3.48 0.00	78.89 4.86 0.00	73.54 4.53 0.00	63.14 3.73 0.00	55.53 3.33 0.00	46.30 2.78 0.00	46.74 2.61 0.00
EAST_RIVER___2 323559	39.00 1.76 0.00	39.34 1.55 0.00	36.49 1.38 0.00	38.88 1.29 0.00	40.27 1.32 0.00	47.13 1.61 0.00	102.25 4.12 0.00	74.90 3.00 0.00	56.85 2.60 0.00	67.76 2.90 0.00	69.70 3.14 0.00	69.31 3.47 0.00	63.25 3.77 0.00	72.95 4.46 0.00	67.01 3.74 0.00	67.87 3.66 0.00	72.13 4.28 0.00	59.32 3.65 0.00	79.11 5.08 0.00	73.75 4.74 0.00	63.37 3.96 0.00	55.74 3.54 0.00	46.46 2.94 0.00	46.90 2.77 0.00
EAST___DELAWARE_HYD 23607	38.22 0.97 0.00	38.63 0.84 0.00	35.83 0.73 0.00	38.25 0.67 0.00	39.66 0.71 0.00	46.39 0.88 0.00	100.60 2.47 0.00	73.71 1.80 0.00	55.81 1.55 0.00	66.51 1.65 0.00	68.40 1.83 0.00	67.91 2.07 0.00	61.84 2.36 0.00	71.32 2.84 0.00	65.54 2.26 0.00	66.33 2.12 0.00	70.19 2.34 0.00	57.74 2.07 0.00	77.03 2.99 0.00	71.85 2.84 0.00	61.72 2.31 0.00	54.17 1.96 0.00	45.13 1.60 0.00	45.58 1.45 0.00
EIGHT_POINT___WT_PWR 323820	36.38 -1.15 -0.29	37.02 -1.04 -0.27	34.17 -1.13 -0.20	36.95 -0.89 -0.25	38.03 -1.08 -0.16	43.85 -1.66 0.00	94.59 -3.92 -0.39	65.64 -4.11 2.16	36.85 -4.05 13.36	63.30 -4.77 -3.21	69.50 -3.82 -6.76	62.68 -3.31 -0.15	56.41 -3.38 -0.32	64.58 -4.17 -0.27	41.30 -5.30 16.67	56.88 -4.62 2.71	64.44 -3.51 -0.09	53.64 -2.32 -0.28	73.15 -2.73 -1.84	65.55 -2.26 1.20	58.17 -1.71 -0.47	51.25 -1.35 -0.40	42.77 -1.16 -0.40	43.84 -0.63 -0.33
ELBRIDGE_115KV_TB2 80188	36.62 -0.62 0.00	37.19 -0.61 0.00	34.46 -0.65 0.00	36.93 -0.65 0.00	38.25 -0.70 0.00	44.73 -0.78 0.00	96.41 -1.72 0.00	70.69 -1.21 0.00	53.37 -0.89 0.00	63.85 -1.01 0.00	65.52 -1.04 0.00	64.86 -0.98 0.00	58.68 -0.80 0.00	67.46 -1.03 0.00	62.13 -1.14 0.00	63.00 -1.21 0.00	66.63 -1.23 0.00	54.87 -0.80 0.00	73.01 -1.02 0.00	68.18 -0.83 0.00	58.65 -0.76 0.00	51.47 -0.73 0.00	42.96 -0.56 0.00	43.59 -0.53 0.00
ELEC_TRO_TEK 24086	38.88 1.64 0.00	39.33 1.53 0.00	36.46 1.35 0.00	38.86 1.28 0.00	40.15 1.20 0.00	46.95 1.44 0.00	100.55 3.22 0.79	74.48 2.57 0.00	56.56 2.31 0.00	67.28 2.42 0.00	68.99 2.43 0.00	68.54 2.70 0.00	62.63 3.15 0.00	71.95 3.64 0.18	66.07 2.86 0.06	59.52 2.78 7.47	64.21 3.02 6.68	60.61 2.61 -2.32	83.58 3.95 -5.59	69.20 3.37 3.18	61.90 3.03 0.54	48.98 2.56 5.78	38.80 2.25 6.98	46.27 2.35 0.22
ELLENBURG_WT_PWR 323604	37.90 0.65 0.00	38.50 0.71 0.00	35.78 0.68 0.00	38.26 0.68 0.00	39.70 0.75 0.00	46.54 1.03 0.00	100.14 2.01 0.00	73.46 1.56 0.00	55.32 1.06 0.00	66.19 1.33 0.00	67.56 1.00 0.00	66.66 0.82 0.00	59.89 0.41 0.00	67.75 0.18 0.92	63.66 0.39 0.00	64.94 0.73 0.00	68.66 0.80 0.00	55.36 -0.31 0.00	73.11 -0.93 0.00	68.19 -0.82 0.00	58.80 -0.61 0.00	52.00 -0.20 0.00	43.34 -0.18 0.00	44.01 -0.12 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.86 -1.38 0.00	36.86 -0.93 0.00	34.03 -1.08 0.00	36.82 -0.77 0.00	38.00 -0.95 0.00	44.42 -1.09 0.00	93.77 -4.36 0.00	66.13 -4.79 0.98	44.55 -3.79 5.92	61.15 -3.71 0.00	63.00 -3.57 0.00	62.96 -2.88 0.00	56.55 -2.93 0.00	63.98 -3.88 0.64	45.58 -4.48 13.20	54.21 -4.19 5.81	62.83 -5.02 0.00	51.52 -4.14 0.00	68.65 -5.39 0.00	63.37 -4.65 0.98	55.76 -3.65 0.00	49.26 -2.95 0.00	41.45 -2.07 0.00	43.01 -1.12 0.00
EMPIRE_CC_1 323656	37.69 0.45 0.00	38.07 0.27 0.00	35.49 0.39 0.00	37.97 0.38 0.00	39.25 0.30 0.00	45.60 0.09 0.00	98.43 0.30 0.00	71.94 0.04 0.00	54.21 -0.05 0.00	64.69 -0.17 0.00	66.25 -0.31 0.00	65.56 -0.28 0.00	59.28 -0.20 0.00	68.32 -0.16 0.00	63.45 0.18 0.00	64.41 0.20 0.00	68.23 0.37 0.00	56.22 0.54 0.00	74.87 0.84 0.00	69.74 0.73 0.00	60.09 0.68 0.00	52.52 0.32 0.00	43.86 0.33 0.00	44.27 0.14 0.00
EMPIRE_CC_2 323658	37.69 0.45 0.00	38.07 0.27 0.00	35.49 0.39 0.00	37.97 0.38 0.00	39.25 0.30 0.00	45.60 0.09 0.00	98.43 0.30 0.00	71.94 0.04 0.00	54.21 -0.05 0.00	64.69 -0.17 0.00	66.25 -0.31 0.00	65.56 -0.28 0.00	59.28 -0.20 0.00	68.32 -0.16 0.00	63.45 0.18 0.00	64.41 0.20 0.00	68.23 0.37 0.00	56.22 0.54 0.00	74.87 0.84 0.00	69.74 0.73 0.00	60.09 0.68 0.00	52.52 0.32 0.00	43.86 0.33 0.00	44.27 0.14 0.00
ENORWICH_115KV_TB1 80156	38.46 1.22 0.00	39.09 1.29 0.00	36.32 1.21 0.00	39.10 1.52 0.00	40.58 1.64 0.00	47.04 1.52 0.00	103.08 4.95 0.00	76.77 3.20 -1.67	66.20 1.91 -10.03	66.05 1.42 0.23	68.23 2.12 0.45	67.76 1.92 0.00	61.81 2.33 0.00	72.32 2.85 -0.99	84.45 2.32 -18.86	72.27 1.63 -6.44	69.08 1.23 0.00	56.91 1.24 0.00	76.33 2.30 0.00	72.77 2.41 -1.35	61.80 2.39 0.00	54.32 2.12 0.00	45.98 2.45 0.00	46.76 2.63 0.00
ERIE_ST__34_KV_TB1-2 80199	36.15 -1.09 0.00	37.13 -0.66 0.00	34.25 -0.86 0.00	37.03 -0.56 0.00	38.15 -0.80 0.00	44.57 -0.94 0.00	94.57 -3.55 0.00	66.87 -3.99 1.05	44.76 -3.18 6.31	61.77 -3.09 0.00	63.71 -2.85 0.00	63.69 -2.15 0.00	57.28 -2.20 0.00	64.74 -3.06 0.68	45.44 -3.76 14.07	54.39 -3.61 6.21	63.50 -4.36 0.00	52.19 -3.48 0.00	69.46 -4.57 0.00	64.20 -3.77 1.05	56.55 -2.87 0.00	49.89 -2.32 0.00	41.93 -1.60 0.00	43.45 -0.68 0.00
ERIE_WT_PWR 323693	35.37 -1.19 0.68	36.42 -0.76 0.62	33.71 -0.93 0.47	36.39 -0.60 0.60	37.75 -0.81 0.38	44.56 -0.95 0.00	93.39 -3.84 0.90	66.24 -4.45 1.22	44.32 -3.57 6.36	61.39 -3.47 0.00	62.57 -3.30 0.70	62.90 -2.62 0.32	56.04 -2.70 0.74	63.32 -3.64 1.53	44.29 -4.34 14.64	53.86 -4.03 6.32	62.93 -4.73 0.20	51.19 -3.81 0.68	67.71 -4.93 1.40	63.24 -4.10 1.68	55.31 -3.17 0.93	48.71 -2.56 0.93	40.82 -1.77 0.93	42.49 -0.86 0.78
ESPRGFLD_115KV_TB1 80157	37.48 0.24 0.00	38.03 0.23 0.00	35.29 0.18 0.00	37.80 0.21 0.00	39.19 0.24 0.00	45.81 0.30 0.00	99.02 0.89 0.00	72.80 0.89 0.00	54.96 0.71 0.00	65.44 0.58 0.00	67.34 0.78 0.00	66.50 0.66 0.00	60.19 0.71 0.00	69.57 1.09 0.00	64.01 0.74 0.00	64.71 0.51 0.00	68.07 0.21 0.00	55.86 0.19 0.00	74.56 0.53 0.00	69.94 0.77 -0.16	60.01 0.60 0.00	52.82 0.62 0.00	44.07 0.54 0.00	44.87 0.73 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.62 0.38 0.00	38.19 0.40 0.00	35.39 0.28 0.00	37.95 0.37 0.00	39.33 0.38 0.00	45.95 0.44 0.00	99.34 1.22 0.00	76.77 0.91 -3.95	78.71 0.69 -23.77	65.63 0.77 0.00	67.46 0.90 0.00	66.79 0.94 0.00	60.45 0.98 0.00	72.14 1.09 -2.57	110.30 0.62 -46.41	81.76 0.50 -17.05	68.33 0.47 0.00	56.28 0.60 0.00	75.09 1.05 0.00	72.95 1.09 -2.85	60.33 0.91 0.00	52.91 0.71 0.00	44.18 0.66 0.00	44.85 0.71 0.00
ETNA____115KV_TB2 80207	37.62 0.38 0.00	38.19 0.40 0.00	35.39 0.28 0.00	37.95 0.37 0.00	39.33 0.38 0.00	45.95 0.44 0.00	99.34 1.22 0.00	76.77 0.91 -3.95	78.71 0.69 -23.77	65.63 0.77 0.00	67.46 0.90 0.00	66.79 0.94 0.00	60.45 0.98 0.00	72.14 1.09 -2.57	110.30 0.62 -46.41	81.76 0.50 -17.05	68.33 0.47 0.00	56.28 0.60 0.00	75.09 1.05 0.00	72.95 1.09 -2.85	60.33 0.91 0.00	52.91 0.71 0.00	44.18 0.66 0.00	44.85 0.71 0.00
EUCLID___115KV_TB2 356179	36.47 -0.78 0.00	37.01 -0.79 0.00	34.33 -0.77 0.00	36.80 -0.79 0.00	38.14 -0.82 0.00	44.58 -0.93 0.00	95.98 -2.15 0.00	70.40 -1.51 0.00	53.17 -1.09 0.00	63.57 -1.29 0.00	65.30 -1.26 0.00	64.62 -1.22 0.00	58.43 -1.05 0.00	67.36 -1.27 -0.14	61.97 -1.30 0.00	62.84 -1.37 0.00	66.34 -1.51 0.00	54.60 -1.07 0.00	72.68 -1.36 0.00	67.76 -1.25 0.00	58.29 -1.12 0.00	51.16 -1.04 0.00	42.72 -0.81 0.00	43.36 -0.78 0.00
E_CANADA_CAP_HY 24051	37.31 0.07 0.00	37.81 0.02 0.00	35.11 0.01 0.00	37.61 0.02 0.00	38.97 0.02 0.00	45.61 0.09 0.00	98.24 0.11 0.00	72.32 0.42 0.00	54.65 0.39 0.00	65.10 0.24 0.00	66.93 0.36 0.00	66.05 0.20 0.00	59.63 0.15 0.00	69.00 0.52 0.00	63.74 0.46 0.00	64.51 0.30 0.00	67.81 -0.05 0.00	55.62 -0.05 0.00	74.12 0.08 0.00	69.39 0.38 0.00	59.71 0.30 0.00	52.59 0.39 0.00	43.74 0.22 0.00	44.54 0.41 0.00
E_CANADA_MHWK_HY 24050	39.28 2.03 0.00	39.54 1.74 0.00	36.82 1.72 0.00	39.40 1.81 0.00	40.70 1.76 0.00	47.47 1.96 0.00	102.74 4.61 0.00	75.38 3.47 0.00	56.77 2.51 0.00	67.49 2.64 0.00	69.05 2.49 0.00	68.59 2.75 0.00	62.03 2.55 0.00	71.64 3.03 -0.12	66.08 2.81 0.00	67.09 2.88 0.00	71.17 3.31 0.00	58.54 2.87 0.00	77.94 3.91 0.00	72.44 3.43 0.00	62.30 2.89 0.00	54.51 2.30 0.00	45.41 1.89 0.00	45.81 1.68 0.00
E_FISHKILL___LBMP 23776	38.58 1.34 0.00	38.95 1.16 0.00	36.14 1.04 0.00	38.56 0.97 0.00	39.92 0.97 0.00	46.65 1.14 0.00	101.04 2.92 0.00	73.93 2.03 0.00	56.02 1.77 0.00	66.75 1.89 0.00	68.60 2.04 0.00	68.16 2.32 0.00	62.11 2.64 0.00	71.61 3.12 0.00	65.87 2.60 0.00	66.68 2.47 0.00	70.60 2.74 0.00	58.05 2.38 0.00	77.40 3.37 0.00	72.21 3.20 0.00	62.06 2.65 0.00	54.54 2.33 0.00	45.53 2.00 0.00	45.98 1.85 0.00
FALCON___SEABRD_CC1 323796	38.15 0.91 0.00	38.68 0.88 0.00	35.97 0.87 0.00	38.44 0.86 0.00	39.88 0.93 0.00	46.76 1.25 0.00	100.41 2.28 0.00	73.70 1.79 0.00	55.45 1.19 0.00	66.23 1.37 0.00	67.54 0.98 0.00	66.69 0.85 0.00	59.93 0.45 0.00	67.76 0.26 0.99	63.73 0.46 0.00	65.07 0.86 0.00	68.88 1.02 0.00	55.49 -0.18 0.00	73.26 -0.78 0.00	68.19 -0.82 0.00	58.83 -0.58 0.00	52.20 0.00 0.00	43.55 0.02 0.00	44.18 0.05 0.00
FALCON___SEABRD_CC2 323797	38.15 0.91 0.00	38.68 0.88 0.00	35.97 0.87 0.00	38.44 0.86 0.00	39.88 0.93 0.00	46.76 1.25 0.00	100.41 2.28 0.00	73.70 1.79 0.00	55.45 1.19 0.00	66.23 1.37 0.00	67.54 0.98 0.00	66.69 0.85 0.00	59.93 0.45 0.00	67.76 0.26 0.99	63.73 0.46 0.00	65.07 0.86 0.00	68.88 1.02 0.00	55.49 -0.18 0.00	73.26 -0.78 0.00	68.19 -0.82 0.00	58.83 -0.58 0.00	52.20 0.00 0.00	43.55 0.02 0.00	44.18 0.05 0.00

FAR ROCKAWAY___4 23548	39.32 2.08 0.00	39.75 1.96 0.00	36.85 1.74 0.00	39.30 1.71 0.00	40.59 1.64 0.00	47.47 1.96 0.00	102.40 4.27 0.00	75.24 3.34 0.00	57.20 2.95 0.00	68.04 3.18 0.00	69.78 3.21 0.00	69.48 3.64 0.00	63.51 4.03 0.00	73.23 4.63 -0.11	70.74 3.68 -3.80	74.93 3.60 -7.12	124.89 3.98 -53.05	109.03 3.40 -49.95	107.74 5.08 -28.63	76.01 4.35 -2.66	63.84 3.92 -0.51	63.10 3.29 -7.61	65.97 2.85 -19.59	60.33 2.97 -13.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.10 1.86 0.00	39.45 1.66 0.00	36.59 1.49 0.00	38.99 1.40 0.00	40.38 1.43 0.00	47.23 1.72 0.00	102.43 4.30 0.00	75.01 3.11 0.00	56.91 2.65 0.00	67.82 2.96 0.00	69.74 3.18 0.00	69.36 3.52 0.00	63.29 3.81 0.00	72.97 4.49 0.00	67.04 3.77 0.00	67.88 3.67 0.00	71.90 4.04 0.00	59.08 3.40 0.00	78.78 4.75 0.00	73.47 4.46 0.00	63.07 3.66 0.00	55.48 3.28 0.00	46.27 2.75 0.00	46.69 2.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.11 1.87 0.00	39.47 1.68 0.00	36.62 1.51 0.00	39.01 1.43 0.00	40.39 1.44 0.00	47.26 1.75 0.00	102.49 4.36 0.00	75.03 3.12 0.00	56.93 2.67 0.00	67.84 2.98 0.00	69.76 3.20 0.00	69.36 3.52 0.00	63.31 3.83 0.00	73.01 4.52 0.00	67.06 3.79 0.00	67.89 3.68 0.00	71.94 4.08 0.00	59.11 3.44 0.00	78.83 4.79 0.00	73.50 4.48 0.00	63.10 3.69 0.00	55.50 3.30 0.00	46.29 2.76 0.00	46.73 2.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.08 1.84 0.00	39.44 1.64 0.00	36.59 1.48 0.00	38.98 1.40 0.00	40.36 1.41 0.00	47.22 1.71 0.00	102.39 4.26 0.00	74.97 3.07 0.00	56.88 2.62 0.00	67.80 2.94 0.00	69.72 3.16 0.00	69.31 3.47 0.00	63.25 3.77 0.00	72.95 4.46 0.00	67.01 3.74 0.00	67.82 3.61 0.00	71.88 4.03 0.00	59.06 3.38 0.00	78.75 4.72 0.00	73.42 4.40 0.00	63.03 3.62 0.00	55.44 3.24 0.00	46.24 2.72 0.00	46.68 2.55 0.00
FARRAGUT___LBMP 323566	39.06 1.82 0.00	39.42 1.62 0.00	36.56 1.46 0.00	38.95 1.37 0.00	40.34 1.40 0.00	47.18 1.67 0.00	102.32 4.20 0.00	74.91 3.01 0.00	56.83 2.58 0.00	67.73 2.87 0.00	69.66 3.10 0.00	69.25 3.41 0.00	63.20 3.72 0.00	72.88 4.39 0.00	66.96 3.69 0.00	67.76 3.56 0.00	71.82 3.96 0.00	59.01 3.33 0.00	78.68 4.65 0.00	73.38 4.36 0.00	63.00 3.59 0.00	55.42 3.21 0.00	46.21 2.69 0.00	46.65 2.52 0.00
FENNER___WINDPWR 24204	37.79 0.54 0.00	38.35 0.56 0.00	35.63 0.53 0.00	38.21 0.63 0.00	39.61 0.66 0.00	46.33 0.82 0.00	100.28 2.16 0.00	74.61 1.74 -0.97	61.42 1.31 -5.85	66.27 1.41 0.00	68.07 1.51 0.00	67.29 1.45 0.00	60.79 1.31 0.00	71.08 1.74 -0.85	75.52 1.50 -10.75	68.84 1.23 -3.40	69.01 1.15 0.00	56.73 1.06 0.00	75.34 1.31 0.00	70.65 1.02 -0.62	60.14 0.73 0.00	53.12 0.92 0.00	44.31 0.79 0.00	45.06 0.93 0.00
FIBERTEK___ENERGY 23856	36.80 -0.44 0.00	37.34 -0.45 0.00	34.62 -0.48 0.00	37.11 -0.48 0.00	38.45 -0.50 0.00	44.98 -0.53 0.00	96.96 -1.16 0.00	71.14 -0.76 0.00	53.70 -0.55 0.00	64.20 -0.66 0.00	65.91 -0.65 0.00	65.24 -0.60 0.00	59.02 -0.46 0.00	67.98 -0.63 -0.12	62.54 -0.73 0.00	63.38 -0.83 0.00	66.99 -0.87 0.00	55.17 -0.51 0.00	73.43 -0.60 0.00	68.53 -0.48 0.00	58.95 -0.46 0.00	51.73 -0.48 0.00	43.16 -0.37 0.00	43.78 -0.36 0.00
FITZPATRICK___ 23598	35.98 -1.27 0.00	36.51 -1.29 0.00	33.89 -1.22 0.00	36.31 -1.28 0.00	37.62 -1.32 0.00	43.97 -1.54 0.00	94.61 -3.52 0.00	69.39 -2.52 0.00	52.41 -1.85 0.00	62.64 -2.23 0.00	64.33 -2.24 0.00	63.61 -2.23 0.00	57.53 -1.95 0.00	66.16 -2.32 0.00	61.08 -2.19 0.00	61.94 -2.26 0.00	65.42 -2.44 0.00	53.82 -1.85 0.00	71.60 -2.44 0.00	66.75 -2.27 0.00	57.43 -1.99 0.00	50.42 -1.78 0.00	42.10 -1.43 0.00	42.73 -1.40 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.02 1.78 0.00	39.40 1.60 0.00	36.56 1.45 0.00	39.00 1.41 0.00	40.39 1.44 0.00	47.23 1.72 0.00	102.40 4.28 0.00	75.00 3.10 0.00	56.82 2.56 0.00	67.72 2.86 0.00	69.63 3.07 0.00	69.14 3.30 0.00	62.95 3.47 0.00	72.63 4.15 0.00	66.79 3.52 0.00	67.64 3.43 0.00	71.63 3.77 0.00	58.91 3.24 0.00	78.56 4.52 0.00	73.27 4.25 0.00	62.95 3.54 0.00	55.28 3.08 0.00	46.09 2.57 0.00	46.53 2.39 0.00
FORT ORANGE___ 23900	37.62 0.37 0.00	38.08 0.29 0.00	35.47 0.36 0.00	37.89 0.31 0.00	39.20 0.26 0.00	45.65 0.14 0.00	98.66 0.54 0.00	72.29 0.39 0.00	54.54 0.28 0.00	65.11 0.25 0.00	66.71 0.15 0.00	66.04 0.20 0.00	59.65 0.17 0.00	68.78 0.30 0.00	63.82 0.55 0.00	64.77 0.56 0.00	68.64 0.78 0.00	56.47 0.80 0.00	75.23 1.19 0.00	70.09 1.08 0.00	60.33 0.92 0.00	52.78 0.58 0.00	44.00 0.48 0.00	44.42 0.29 0.00
FORT_DRUM_COGEN 23780	38.31 1.07 0.00	38.92 1.12 0.00	36.10 1.00 0.00	38.84 1.26 0.00	40.54 1.59 0.00	47.33 1.82 0.00	102.71 4.59 0.00	75.93 4.02 0.00	57.27 3.02 0.00	68.76 3.90 0.00	70.87 4.31 0.00	68.79 2.95 0.00	60.85 1.37 0.00	73.98 4.12 -1.37	66.19 2.92 0.00	67.50 3.29 0.00	70.92 3.06 0.00	58.04 2.37 0.00	77.11 3.08 0.00	70.60 1.59 0.00	60.16 0.75 0.00	53.51 1.30 0.00	45.35 1.83 0.00	46.24 2.11 0.00
FOX_HILLS___ESR 323835	39.11 1.87 0.00	39.63 1.83 0.00	36.77 1.67 0.00	39.16 1.57 0.00	40.56 1.61 0.00	47.44 1.93 0.00	102.89 4.77 0.00	75.31 3.40 0.00	57.02 2.76 0.00	67.61 2.75 0.00	69.50 2.93 0.00	69.19 3.35 0.00	63.30 3.82 0.00	72.97 4.48 0.00	67.05 3.78 0.00	67.84 3.63 0.00	71.82 3.96 0.00	59.02 3.35 0.00	78.75 4.72 0.00	73.46 4.45 0.00	63.14 3.73 0.00	55.57 3.37 0.00	46.31 2.78 0.00	46.73 2.60 0.00
FPL_FAR_ROCK_GT1 24212	39.31 2.07 0.00	39.75 1.95 0.00	36.84 1.74 0.00	39.29 1.70 0.00	40.58 1.63 0.00	47.47 1.96 0.00	102.40 4.28 0.00	75.25 3.34 0.00	57.19 2.94 0.00	68.04 3.18 0.00	69.78 3.21 0.00	69.47 3.63 0.00	63.50 4.02 0.00	73.23 4.63 -0.11	70.70 3.63 -3.80	74.95 3.62 -7.12	124.88 3.97 -53.05	109.03 3.40 -49.95	107.74 5.08 -28.63	76.03 4.36 -2.66	63.83 3.91 -0.51	63.11 3.29 -7.61	65.95 2.83 -19.59	60.33 2.96 -13.23
FPL_FAR_ROCK_GT2 23815	39.31 2.07 0.00	39.75 1.95 0.00	36.84 1.74 0.00	39.29 1.70 0.00	40.58 1.63 0.00	47.47 1.96 0.00	102.40 4.28 0.00	75.25 3.34 0.00	57.19 2.94 0.00	68.04 3.18 0.00	69.78 3.21 0.00	69.47 3.63 0.00	63.50 4.02 0.00	73.23 4.63 -0.11	70.70 3.63 -3.80	74.95 3.62 -7.12	124.88 3.97 -53.05	109.03 3.40 -49.95	107.74 5.08 -28.63	76.03 4.36 -2.66	63.83 3.91 -0.51	63.11 3.29 -7.61	65.95 2.83 -19.59	60.33 2.96 -13.23
FRANKLIN_FALL_HYD 24054	38.58 1.34 0.00	39.24 1.45 0.00	36.47 1.36 0.00	39.01 1.43 0.00	40.49 1.54 0.00	47.53 2.02 0.00	102.29 4.16 0.00	75.18 3.27 0.00	56.60 2.34 0.00	67.84 2.98 0.00	69.32 2.76 0.00	68.31 2.47 0.00	61.34 1.86 0.00	79.75 1.94 -9.32	65.27 2.00 0.00	66.55 2.34 0.00	70.25 2.39 0.00	56.63 0.96 0.00	74.90 0.86 0.00	69.74 0.73 0.00	60.10 0.68 0.00	53.20 0.99 0.00	44.27 0.75 0.00	44.90 0.77 0.00

FREEPORT_EQUS_GT1 23764	39.03 1.79 0.00	39.47 1.68 0.00	36.58 1.47 0.00	39.00 1.41 0.00	40.27 1.32 0.00	47.08 1.57 0.00	99.17 3.50 2.46	74.73 2.83 0.00	56.77 2.52 0.00	67.53 2.66 0.00	69.21 2.65 0.00	68.82 2.97 0.00	62.91 3.43 0.00	71.82 4.01 0.67	61.28 3.14 5.13	45.94 3.07 21.34	58.43 3.40 12.82	61.34 2.95 -2.72	85.78 4.45 -7.30	63.65 3.78 9.14	61.29 3.41 1.53	39.47 2.86 15.60	27.22 2.48 18.78	46.84 2.58 -0.12
FREEPORT___CT2 23818	39.03 1.79 0.00	39.47 1.68 0.00	36.58 1.47 0.00	39.00 1.41 0.00	40.27 1.32 0.00	47.08 1.57 0.00	99.17 3.50 2.46	74.73 2.83 0.00	56.77 2.52 0.00	67.53 2.66 0.00	69.21 2.65 0.00	68.82 2.97 0.00	62.91 3.43 0.00	71.82 4.01 0.67	61.28 3.14 5.13	45.94 3.07 21.34	58.43 3.40 12.82	61.34 2.95 -2.72	85.78 4.45 -7.30	63.65 3.78 9.14	61.29 3.41 1.53	39.47 2.86 15.60	27.22 2.48 18.78	46.84 2.58 -0.12
FRESHKLS_33_KV_LOAD 356253	39.28 2.04 0.00	39.93 2.14 0.00	37.06 1.96 0.00	39.47 1.88 0.00	40.89 1.94 0.00	47.82 2.31 0.00	103.77 5.65 0.00	75.91 4.00 0.00	57.36 3.10 0.00	67.85 2.99 0.00	69.70 3.13 0.00	69.43 3.59 0.00	63.60 4.12 0.00	73.36 4.87 0.00	67.39 4.12 0.00	68.18 3.97 0.00	72.17 4.31 0.00	59.30 3.63 0.00	79.15 5.12 0.00	73.83 4.82 0.00	63.45 4.04 0.00	55.85 3.64 0.00	46.52 3.00 0.00	46.95 2.82 0.00
FULTON COGEN____ 23766	36.37 -0.87 0.00	36.92 -0.88 0.00	34.25 -0.86 0.00	36.71 -0.88 0.00	38.05 -0.90 0.00	44.47 -1.04 0.00	95.78 -2.34 0.00	70.32 -1.58 0.00	53.12 -1.14 0.00	63.49 -1.38 0.00	65.20 -1.36 0.00	64.52 -1.32 0.00	58.33 -1.15 0.00	67.27 -1.38 -0.17	61.95 -1.31 0.00	62.82 -1.38 0.00	66.33 -1.53 0.00	54.60 -1.07 0.00	72.71 -1.32 0.00	67.77 -1.24 0.00	58.29 -1.12 0.00	51.15 -1.06 0.00	42.65 -0.88 0.00	43.26 -0.87 0.00
FULTON___LFGE 323630	38.11 0.87 0.00	38.59 0.80 0.00	35.83 0.73 0.00	38.37 0.78 0.00	39.76 0.81 0.00	46.53 1.02 0.00	100.51 2.39 0.00	74.04 2.14 0.00	55.89 1.63 0.00	66.70 1.84 0.00	68.39 1.83 0.00	67.46 1.62 0.00	60.91 1.43 0.00	70.45 1.97 0.00	65.16 1.89 0.00	66.02 1.81 0.00	69.70 1.84 0.00	57.24 1.57 0.00	76.28 2.25 0.00	71.26 2.25 0.00	61.31 1.89 0.00	53.80 1.59 0.00	44.70 1.17 0.00	45.35 1.22 0.00
G.F.CEMENT___DRP 24184	38.80 1.56 0.00	39.12 1.33 0.00	36.40 1.30 0.00	39.03 1.45 0.00	40.47 1.52 0.00	47.19 1.68 0.00	102.26 4.13 0.00	74.99 3.09 0.00	56.06 1.80 0.00	67.11 2.25 0.00	68.70 2.14 0.00	67.66 1.82 0.00	60.93 1.45 0.00	70.30 1.82 0.00	65.50 2.23 0.00	66.75 2.54 0.00	70.93 3.08 0.00	58.42 2.75 0.00	77.65 3.62 0.00	72.25 3.24 0.00	62.18 2.77 0.00	54.37 2.17 0.00	45.36 1.84 0.00	45.76 1.63 0.00
GARDENVILLE___LBMP 24039	35.95 -1.29 0.00	36.91 -0.88 0.00	34.07 -1.04 0.00	36.85 -0.74 0.00	38.03 -0.92 0.00	44.40 -1.11 0.00	93.94 -4.18 0.00	66.16 -4.62 1.13	43.70 -3.76 6.80	61.00 -3.85 0.00	62.92 -3.64 0.00	62.89 -2.95 0.00	56.48 -3.00 0.00	63.76 -3.99 0.73	43.35 -4.59 15.32	53.22 -4.31 6.68	62.87 -4.98 0.00	51.65 -4.02 0.00	68.88 -5.15 0.00	63.59 -4.30 1.12	56.07 -3.35 0.00	49.51 -2.69 0.00	41.64 -1.88 0.00	43.19 -0.94 0.00
GARDNVLA_35_KV_LD 355827	36.12 -1.12 0.00	37.11 -0.68 0.00	34.24 -0.87 0.00	37.03 -0.55 0.00	38.20 -0.74 0.00	44.65 -0.86 0.00	94.51 -3.62 0.00	66.77 -4.11 1.03	44.73 -3.37 6.16	61.63 -3.23 0.00	63.52 -3.04 0.00	63.50 -2.34 0.00	57.04 -2.44 0.00	64.49 -3.33 0.66	45.53 -4.02 13.72	54.39 -3.77 6.05	63.40 -4.46 0.00	52.04 -3.63 0.00	69.34 -4.69 0.00	64.08 -3.90 1.02	56.44 -2.98 0.00	49.82 -2.38 0.00	41.89 -1.63 0.00	43.42 -0.71 0.00
GELCKHM___115KV_LOAD 80723	36.60 -0.64 0.00	37.14 -0.65 0.00	34.45 -0.66 0.00	36.91 -0.67 0.00	38.26 -0.69 0.00	44.73 -0.78 0.00	96.36 -1.77 0.00	70.68 -1.22 0.00	53.39 -0.87 0.00	63.82 -1.05 0.00	65.54 -1.03 0.00	64.86 -0.98 0.00	58.66 -0.82 0.00	67.58 -1.04 -0.14	62.18 -1.09 0.00	63.05 -1.16 0.00	66.61 -1.25 0.00	54.82 -0.85 0.00	72.96 -1.07 0.00	68.06 -0.95 0.00	58.55 -0.86 0.00	51.40 -0.81 0.00	42.89 -0.64 0.00	43.52 -0.61 0.00
GENERAL___MILLS 23808	36.03 -1.22 0.00	37.02 -0.78 0.00	34.16 -0.95 0.00	36.95 -0.64 0.00	38.11 -0.83 0.00	44.55 -0.97 0.00	94.23 -3.90 0.00	66.47 -4.39 1.04	44.44 -3.55 6.26	61.38 -3.48 0.00	63.26 -3.30 0.00	63.24 -2.60 0.00	56.80 -2.68 0.00	64.20 -3.61 0.68	45.02 -4.28 13.97	54.06 -4.00 6.15	63.13 -4.72 0.00	51.81 -3.86 0.00	69.03 -5.00 0.00	63.79 -4.18 1.04	56.16 -3.25 0.00	49.59 -2.61 0.00	41.71 -1.81 0.00	43.24 -0.89 0.00
GE_PLASTICS___DRP 24183	37.61 0.37 0.00	38.08 0.29 0.00	35.44 0.33 0.00	37.87 0.29 0.00	39.20 0.25 0.00	45.66 0.15 0.00	98.62 0.50 0.00	72.20 0.29 0.00	54.49 0.24 0.00	65.04 0.18 0.00	66.71 0.14 0.00	66.05 0.21 0.00	59.75 0.27 0.00	68.88 0.39 0.00	63.76 0.49 0.00	64.68 0.47 0.00	68.47 0.62 0.00	56.32 0.65 0.00	75.00 0.96 0.00	69.92 0.91 0.00	60.21 0.80 0.00	52.74 0.53 0.00	44.00 0.48 0.00	44.46 0.33 0.00
GILBOA___1 23756	37.85 0.61 0.00	38.43 0.64 0.00	35.71 0.60 0.00	38.17 0.59 0.00	39.54 0.59 0.00	46.10 0.59 0.00	99.36 1.23 0.00	72.73 0.83 0.00	54.93 0.68 0.00	65.56 0.70 0.00	67.31 0.75 0.00	66.69 0.85 0.00	60.36 0.88 0.00	69.54 1.05 0.00	64.11 0.84 0.00	64.92 0.72 0.00	68.71 0.85 0.00	56.45 0.78 0.00	75.09 1.06 0.00	70.24 1.23 0.00	60.64 1.23 0.00	53.21 1.01 0.00	44.39 0.87 0.00	44.92 0.79 0.00
GILBOA___2 23757	37.85 0.61 0.00	38.43 0.64 0.00	35.71 0.60 0.00	38.17 0.59 0.00	39.54 0.59 0.00	46.10 0.59 0.00	99.36 1.23 0.00	72.73 0.83 0.00	54.93 0.68 0.00	65.56 0.70 0.00	67.31 0.75 0.00	66.69 0.85 0.00	60.36 0.88 0.00	69.54 1.05 0.00	64.11 0.84 0.00	64.92 0.72 0.00	68.71 0.85 0.00	56.45 0.78 0.00	75.09 1.06 0.00	70.24 1.23 0.00	60.64 1.23 0.00	53.21 1.01 0.00	44.39 0.87 0.00	44.92 0.79 0.00
GILBOA___3 23758	37.85 0.61 0.00	38.43 0.64 0.00	35.71 0.60 0.00	38.17 0.59 0.00	39.54 0.59 0.00	46.10 0.59 0.00	99.36 1.23 0.00	72.73 0.83 0.00	54.93 0.68 0.00	65.56 0.70 0.00	67.31 0.75 0.00	66.69 0.85 0.00	60.36 0.88 0.00	69.54 1.05 0.00	64.11 0.84 0.00	64.92 0.72 0.00	68.71 0.85 0.00	56.45 0.78 0.00	75.09 1.06 0.00	70.24 1.23 0.00	60.64 1.23 0.00	53.21 1.01 0.00	44.39 0.87 0.00	44.92 0.79 0.00
GILBOA___4 23759	37.85 0.61 0.00	38.43 0.64 0.00	35.71 0.60 0.00	38.17 0.59 0.00	39.54 0.59 0.00	46.10 0.59 0.00	99.36 1.23 0.00	72.73 0.83 0.00	54.93 0.68 0.00	65.56 0.70 0.00	67.31 0.75 0.00	66.69 0.85 0.00	60.36 0.88 0.00	69.54 1.05 0.00	64.11 0.84 0.00	64.92 0.72 0.00	68.71 0.85 0.00	56.45 0.78 0.00	75.09 1.06 0.00	70.24 1.23 0.00	60.64 1.23 0.00	53.21 1.01 0.00	44.39 0.87 0.00	44.92 0.79 0.00

GOUDEY___7 23579	37.18 -0.07 0.00	37.74 -0.05 0.00	34.99 -0.12 0.00	37.55 -0.04 0.00	38.84 -0.10 0.00	45.32 -0.19 0.00	98.01 -0.11 0.00	71.24 -0.27 0.39	51.53 -0.36 2.37	64.03 -0.31 0.52	65.23 -0.28 1.05	65.82 -0.02 0.00	59.67 0.19 0.00	68.10 0.09 0.47	56.37 -0.50 6.40	60.30 -0.59 3.32	67.35 -0.51 0.00	55.35 -0.32 0.00	74.92 0.89 0.00	69.97 0.96 0.00	59.66 0.24 0.00	52.33 0.13 0.00	43.68 0.16 0.00	44.44 0.31 0.00
GOUDEY___8 23580	37.18 -0.07 0.00	37.74 -0.05 0.00	34.99 -0.12 0.00	37.55 -0.04 0.00	38.84 -0.10 0.00	45.32 -0.19 0.00	98.01 -0.11 0.00	71.24 -0.27 0.39	51.53 -0.36 2.37	64.03 -0.31 0.52	65.23 -0.28 1.05	65.82 -0.02 0.00	59.67 0.19 0.00	68.10 0.09 0.47	56.37 -0.50 6.40	60.30 -0.59 3.32	67.35 -0.51 0.00	55.35 -0.32 0.00	74.92 0.89 0.00	69.97 0.96 0.00	59.66 0.24 0.00	52.33 0.13 0.00	43.68 0.16 0.00	44.44 0.31 0.00
GOWANUS_GT1_1 24077	39.05 1.81 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.39 1.44 0.00	47.25 1.73 0.00	102.39 4.27 0.00	74.99 3.09 0.00	56.86 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.18 3.70 0.00	72.83 4.34 0.00	66.92 3.65 0.00	67.71 3.51 0.00	71.73 3.87 0.00	58.93 3.26 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.02 3.61 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT1_2 24078	39.05 1.81 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.39 1.44 0.00	47.25 1.73 0.00	102.39 4.27 0.00	74.99 3.09 0.00	56.86 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.18 3.70 0.00	72.83 4.34 0.00	66.92 3.65 0.00	67.71 3.51 0.00	71.73 3.87 0.00	58.93 3.26 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.02 3.61 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT1_3 24079	39.05 1.81 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.39 1.44 0.00	47.25 1.73 0.00	102.39 4.27 0.00	74.99 3.09 0.00	56.86 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.18 3.70 0.00	72.83 4.34 0.00	66.92 3.65 0.00	67.71 3.51 0.00	71.73 3.87 0.00	58.93 3.26 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.02 3.61 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT1_4 24080	39.05 1.81 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.39 1.44 0.00	47.25 1.73 0.00	102.39 4.27 0.00	74.99 3.09 0.00	56.86 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.18 3.70 0.00	72.83 4.34 0.00	66.92 3.65 0.00	67.71 3.51 0.00	71.73 3.87 0.00	58.93 3.26 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.02 3.61 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT1_5 24084	39.05 1.81 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.39 1.44 0.00	47.25 1.73 0.00	102.39 4.27 0.00	74.99 3.09 0.00	56.86 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.18 3.70 0.00	72.83 4.34 0.00	66.92 3.65 0.00	67.71 3.51 0.00	71.73 3.87 0.00	58.93 3.26 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.02 3.61 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT1_6 24111	39.05 1.81 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.39 1.44 0.00	47.25 1.73 0.00	102.39 4.27 0.00	74.99 3.09 0.00	56.8															

GOWANUS_GT2_6 24119	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
GOWANUS_GT2_7 24120	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
GOWANUS_GT2_8 24121	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
GOWANUS_GT3_1 24122	39.04 1.80 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.38 1.44 0.00	47.24 1.73 0.00	102.40 4.28 0.00	75.00 3.09 0.00	56.85 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.17 3.69 0.00	72.84 4.35 0.00	66.91 3.64 0.00	67.72 3.51 0.00	71.72 3.86 0.00	58.92 3.25 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.01 3.60 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT3_2 24123	39.04 1.80 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.38 1.44 0.00	47.24 1.73 0.00	102.40 4.28 0.00	75.00 3.09 0.00	56.85 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.17 3.69 0.00	72.84 4.35 0.00	66.91 3.64 0.00	67.72 3.51 0.00	71.72 3.86 0.00	58.92 3.25 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.01 3.60 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT3_3 24124	39.04 1.80 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.38 1.44 0.00	47.24 1.73 0.00	102.40 4.28 0.00	75.00 3.09 0.00	56.85 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.17 3.69 0.00	72.84 4.35 0.00	66.91 3.64 0.00	67.72 3.51 0.00	71.72 3.86 0.00	58.92 3.25 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.01 3.60 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT3_4 24125	39.04 1.80 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.38 1.44 0.00	47.24 1.73 0.00	102.40 4.28 0.00	75.00 3.09 0.00	56.85 2.60 0.00	67.60 2.74 0.00	69.51 2.95 0.00	69.15 3.31 0.00	63.17 3.69 0.00	72.84 4.35 0.00	66.91 3.64 0.00	67.72 3.51 0.00	71.72 3.86 0.00	58.92 3.25 0.00	78.60 4.57 0.00	73.33 4.32 0.00	63.01 3.60 0.00	55.48 3.27 0.00	46.24 2.72 0.00	46.65 2.52 0.00
GOWANUS_GT3_5 24126	39.04 1.80 0.00	39.46 1.66 0.00	36.61 1.50 0.00	38.98 1.40 0.00	40.38 1.44 0.00	47.24 1.73 0.00	102.40 4.28 0.00	75.00 3.09 0.00	56.85 2.60 0.00	67.60 2														

HISHELDN_WT_PWR 323625	35.79 -1.46 0.00	36.66 -1.14 0.00	33.82 -1.29 0.00	36.56 -1.02 0.00	37.75 -1.20 0.00	43.97 -1.54 0.00	93.48 -4.65 0.00	65.79 -4.83 1.29	42.28 -4.24 7.73	54.22 -4.77 5.88	50.16 -4.55 11.85	62.00 -3.81 0.03	55.83 -3.65 0.00	60.30 -4.89 3.31	19.73 -5.54 38.00	32.99 -5.21 26.00	62.43 -5.42 0.00	51.43 -4.23 0.00	69.29 -5.22 -0.48	63.78 -4.18 1.05	56.28 -3.16 -0.03	49.60 -2.60 0.00	41.66 -1.86 0.00	43.11 -1.02 0.00
HOLTSVILLE_IC_1 23690	-29.81 1.04 68.10	-65.16 1.00 103.96	-35.40 0.88 71.38	-49.60 0.76 87.95	-19.96 0.62 59.53	45.64 0.72 0.59	66.64 1.59 33.08	73.63 1.73 0.00	55.98 1.72 0.00	66.54 1.68 0.00	67.93 1.37 0.00	67.55 1.71 0.00	61.76 2.28 0.00	69.70 2.64 1.43	51.89 1.78 13.15	20.41 1.64 45.44	23.86 1.83 45.82	40.57 1.62 16.72	76.10 2.79 0.72	51.75 2.04 19.30	58.22 2.07 3.26	19.61 1.56 34.16	-56.22 1.44 101.19	40.21 1.61 5.53
HOLTSVILLE_IC_10 23699	-27.09 1.19 65.53	-61.11 1.13 100.03	-32.58 1.00 68.68	-46.15 0.91 84.64	-17.58 0.76 57.29	45.83 0.89 0.57	68.14 1.96 31.95	73.91 2.00 0.00	56.20 1.94 0.00	66.83 1.97 0.00	68.19 1.63 0.00	67.81 1.97 0.00	61.99 2.51 0.00	69.99 2.92 1.41	52.39 2.06 12.94	21.32 1.91 44.81	24.98 2.13 45.01	41.28 1.87 16.26	76.64 3.13 0.53	52.30 2.32 19.03	58.51 2.31 3.22	20.32 1.79 33.67	-53.23 1.64 98.40	40.52 1.79 5.40
HOLTSVILLE_IC_2 23691	-29.81 1.04 68.10	-65.16 1.00 103.96	-35.40 0.88 71.38	-49.60 0.76 87.95	-19.96 0.62 59.53	45.64 0.72 0.59	66.64 1.59 33.08	73.63 1.73 0.00	55.98 1.72 0.00	66.54 1.68 0.00	67.93 1.37 0.00	67.55 1.71 0.00	61.76 2.28 0.00	69.70 2.64 1.43	51.89 1.78 13.15	20.41 1.64 45.44	23.86 1.83 45.82	40.57 1.62 16.72	76.10 2.79 0.72	51.75 2.04 19.30	58.22 2.07 3.26	19.61 1.56 34.16	-56.22 1.44 101.19	40.21 1.61 5.53
HOLTSVILLE_IC_3 23692	-29.81 1.04 68.10	-65.16 1.00 103.96	-35.40 0.88 71.38	-49.60 0.76 87.95	-19.96 0.62 59.53	45.64 0.72 0.59	66.64 1.59 33.08	73.63 1.73 0.00	55.98 1.72 0.00	66.54 1.68 0.00	67.93 1.37 0.00	67.55 1.71 0.00	61.76 2.28 0.00	69.70 2.64 1.43	51.89 1.78 13.15	20.41 1.64 45.44	23.86 1.83 45.82	40.57 1.62 16.72	76.10 2.79 0.72	51.75 2.04 19.30	58.22 2.07 3.26	19.61 1.56 34.16	-56.22 1.44 101.19	40.21 1.61 5.53
HOLTSVILLE_IC_4 23693	-29.81 1.04 68.10	-65.16 1.00 103.96	-35.40 0.88 71.38	-49.60 0.76 87.95	-19.96 0.62 59.53	45.64 0.72 0.59	66.64 1.59 33.08	73.63 1.73 0.00	55.98 1.72 0.00	66.54 1.68 0.00	67.93 1.37 0.00	67.55 1.71 0.00	61.76 2.28 0.00	69.70 2.64 1.43	51.89 1.78 13.15	20.41 1.64 45.44	23.86 1.83 45.82	40.57 1.62 16.72	76.10 2.79 0.72	51.75 2.04 19.30	58.22 2.07 3.26	19.61 1.56 34.16	-56.22 1.44 101.19	40.21 1.61 5.53
HOLTSVILLE_IC_5 23694	-29.81 1.04 68.10	-65.16 1.00 103.96	-35.40 0.88 71.38	-49.60 0.76 87.95	-19.96 0.62 59.53	45.64 0.72 0.59	66.64 1.59 33.08	73.63 1.73 0.00	55.98 1.72 0.00	66.54 1.68 0.00	67.93 1.37 0.00	67.55 1.71 0.00	61.76 2.28 0.00	69.70 2.64 1.43	51.89 1.78 13.15	20.41 1.64 45.44	23.86 1.83 45.82	40.57 1.62 16.72	76.10 2.79 0.72	51.75 2.04 19.30	58.22 2.07 3.26	19.61 1.56 34.16	-56.22 1.44 101.19	40.21 1.61 5.53
HOLTSVILLE_IC_6 23695	-27.09 1.19 65.53	-61.11 1.13 100.03	-32.58 1.00 68.68	-46.15 0.91 84.64	-17.58 0.76 57.29	45.83 0.89 0.57	68.14 1.96 31.95	73.91 2.00 0.00	56.20 1.94 0.00	66.83 1.97 0.00	68.19 1.63 0.00	67.81 1.97 0.00	61.99 2.51 0.00	69.99 2.92 1.41	52.39 2.06 12.94	21.32 1.91 44.81	24.98 2.13 45.01	41.28 1.87 16.26	76.64 3.13 0.53	52.30 2.32 19.03	58.51 2.31 3.22	20.32 1.79 33.67	-53.23 1.64 98.40	40.52 1.79 5.40
HOLTSVILLE_IC_7 23696	-27.09 1.19 65.53	-61.11 1.13 100.03	-32.58 1.00 68.68	-46.15 0.91 84.64	-17.58 0.76 57.29	45.83 0.89 0.57	68.14 1.96 31.95	73.91 2.00 0.00	56.20 1.94 0.00	66.83 1.97 0.00	68.19 1.63 0.00	67.81 1.97 0.00	61.99 2.51 0.00	69.99 2.92 1.41	52.39 2.06 12.94	21.32 1.91 44.81	24.98 2.13 45.01	41.28 1.87 16.26	76.64 3.13 0.53	52.30 2.32 19.03	58.51 2.31 3.22	20.32 1.79 33.67	-53.23 1.64 98.40	40.52 1.79 5.40
HOLTSVILLE_IC_8 23697	-27.09 1.19 65.53	-61.11 1.13 100.03	-32.58 1.00 68.68	-46.15 0.91 84.64	-17.58 0.76 57.29	45.83 0.89 0.57	68.14 1.96 31.95	73.91 2.00 0.00	56.20 1.94 0.00	66.83 1.97 0.00	68.19 1.63 0.00	67.81 1.97 0.00	61.99 2.51 0.00	69.99 2.92 1.41	52.39 2.06 12.94	21.32 1.91 44.81	24.98 2.13 45.01	41.28 1.87 16.26	76.64 3.13 0.53	52.30 2.32 19.03	58.51 2.31 3.22	20.32 1.79 33.67	-53.23 1.64 98.40	40.52 1.79 5.40
HOLTSVILLE_IC_9 23698	-27.09 1.19 65.53	-61.11 1.13 100.03	-32.58 1.00 68.68	-46.15 0.91 84.64	-17.58 0.76 57.29	45.83 0.89 0.57	68.14 1.96 31.95	73.91 2.00 0.00	56.20 1.94 0.00	66.83 1.97 0.00	68.19 1.63 0.00	67.81 1.97 0.00	61.99 2.51 0.00	69.99 2.92 1.41	52.39 2.06 12.94	21.32 1.91 44.81	24.98 2.13 45.01	41.28 1.87 16.26	76.64 3.13 0.53	52.30 2.32 19.03	58.51 2.31 3.22	20.32 1.79 33.67	-53.23 1.64 98.40	40.52 1.79 5.40
HOMER_HL_115KV_TB2 355744	36.23 -1.01 0.00	37.07 -0.73 0.00	34.19 -0.92 0.00	36.89 -0.69 0.00	37.98 -0.97 0.00	44.24 -1.28 0.00	95.09 -3.04 0.00	67.13 -3.50 1.27	43.69 -2.90 7.66	61.96 -3.16 -0.27	64.03 -3.07 -0.54	63.46 -2.38 0.00	57.50 -1.98 0.00	65.07 -2.70 0.71	43.71 -3.66 15.90	53.87 -3.66 6.67	63.92 -3.94 0.00	52.88 -2.79 0.00	70.69 -3.34 0.00	65.42 -2.33 1.26	57.83 -1.58 0.00	50.86 -1.35 0.00	42.51 -1.02 0.00	43.62 -0.51 0.00
HOWARD_WT_PWR 323690	36.51 -1.09 -0.35	37.16 -0.96 -0.32	34.29 -1.06 -0.25	37.08 -0.82 -0.31	38.14 -1.01 -0.20	43.93 -1.58 0.00	94.86 -3.74 -0.47	65.59 -3.99 2.33	35.83 -3.93 14.50	63.03 -4.67 -2.84	68.96 -3.69 -6.08	62.85 -3.17 -0.18	56.57 -3.30 -0.39	64.50 -4.05 -0.07	37.75 -5.20 20.32	54.83 -4.49 4.89	64.61 -3.35 -0.10	53.86 -2.16 -0.35	73.54 -2.54 -2.04	65.67 -2.08 1.26	58.35 -1.62 -0.56	51.45 -1.25 -0.49	42.93 -1.08 -0.49	43.94 -0.60 -0.41
HQ_GEN_CEDARS 23644	38.33 1.09 0.00	39.03 1.23 0.00	36.26 1.15 0.00	38.82 1.24 0.00	40.28 1.33 0.00	47.21 1.70 0.00	101.53 3.41 0.00	74.48 2.57 0.00	56.08 1.82 0.00	67.29 2.43 0.00	69.00 2.43 0.00	68.08 2.24 0.00	61.20 1.72 0.00	75.58 2.00 -5.09	65.27 2.00 0.00	66.39 2.18 0.00	70.02 2.16 0.00	56.91 1.24 0.00	75.47 1.44 0.00	70.23 1.22 0.00	60.45 1.04 0.00	53.51 1.31 0.00	44.51 0.98 0.00	45.18 1.04 0.00
HQ_GEN_CEDARS_PROXY 323590	38.33 1.09 0.00	39.03 1.23 0.00	36.26 1.15 0.00	38.82 1.24 0.00	40.29 1.33 0.00	47.22 1.71 0.00	103.21 3.41 -1.68	74.48 2.57 0.00	56.08 1.82 0.00	67.29 2.43 0.00	69.00 2.44 0.00	68.08 2.24 0.00	61.20 1.72 0.00	75.58 2.00 -5.09	65.27 2.00 0.00	66.39 2.17 0.00	70.02 2.16 0.00	56.91 1.24 0.00	75.48 1.45 0.00	70.23 1.22 0.00	60.94 1.04 -0.49	53.51 1.31 0.00	44.50 0.98 0.00	45.18 1.04 0.00

HQ_GEN_IMPORT 323601	37.56 0.32 0.00	38.17 0.38 0.00	35.47 0.36 0.00	37.97 0.39 0.00	39.37 0.42 0.00	44.93 0.56 1.14	99.22 1.17 0.07	72.78 0.87 0.00	54.86 0.60 0.00	65.68 0.82 0.00	67.34 0.78 0.00	66.54 0.70 0.00	59.99 0.51 0.00	68.78 0.56 0.27	63.87 0.60 0.00	64.89 0.69 0.00	68.56 0.70 0.00	56.17 0.36 -0.14	74.39 0.36 0.00	69.32 0.31 0.00	59.71 0.30 0.00	52.59 0.39 0.00	43.17 0.24 0.59	44.40 0.27 0.00
HQ_GEN_WHEEL 23651	37.56 0.32 0.00	38.17 0.38 0.00	35.47 0.36 0.00	37.97 0.39 0.00	39.37 0.42 0.00	44.93 0.56 1.14	99.22 1.17 0.07	72.78 0.87 0.00	54.86 0.60 0.00	65.68 0.82 0.00	67.34 0.78 0.00	66.54 0.70 0.00	59.99 0.51 0.00	68.78 0.56 0.27	63.87 0.60 0.00	64.89 0.69 0.00	68.56 0.70 0.00	56.17 0.36 -0.14	74.39 0.36 0.00	69.32 0.31 0.00	59.71 0.30 0.00	52.59 0.39 0.00	43.17 0.24 0.59	44.40 0.27 0.00
HUDSON AVE_GT_3 23810	39.11 1.86 0.00	39.46 1.66 0.00	36.60 1.49 0.00	38.99 1.41 0.00	40.39 1.44 0.00	47.25 1.74 0.00	102.46 4.33 0.00	75.02 3.11 0.00	56.93 2.67 0.00	67.84 2.98 0.00	69.76 3.20 0.00	69.37 3.53 0.00	63.31 3.83 0.00	73.01 4.52 0.00	67.06 3.79 0.00	67.89 3.68 0.00	71.94 4.08 0.00	59.11 3.44 0.00	78.83 4.79 0.00	73.48 4.47 0.00	63.09 3.68 0.00	55.50 3.29 0.00	46.28 2.76 0.00	46.72 2.58 0.00
HUDSON AVE_GT_4 23540	39.11 1.86 0.00	39.46 1.66 0.00	36.60 1.49 0.00	38.99 1.41 0.00	40.39 1.44 0.00	47.25 1.74 0.00	102.46 4.33 0.00	75.02 3.11 0.00	56.93 2.67 0.00	67.84 2.98 0.00	69.76 3.20 0.00	69.37 3.53 0.00	63.31 3.83 0.00	73.01 4.52 0.00	67.06 3.79 0.00	67.89 3.68 0.00	71.94 4.08 0.00	59.11 3.44 0.00	78.83 4.79 0.00	73.48 4.47 0.00	63.09 3.68 0.00	55.50 3.29 0.00	46.28 2.76 0.00	46.72 2.58 0.00
HUDSON AVE_GT_5 23657	39.11 1.86 0.00	39.46 1.66 0.00	36.60 1.49 0.00	38.99 1.41 0.00	40.39 1.44 0.00	47.25 1.74 0.00	102.46 4.33 0.00	75.02 3.11 0.00	56.93 2.67 0.00	67.84 2.98 0.00	69.76 3.20 0.00	69.37 3.53 0.00	63.31 3.83 0.00	73.01 4.52 0.00	67.06 3.79 0.00	67.89 3.68 0.00	71.94 4.08 0.00	59.11 3.44 0.00	78.83 4.79 0.00	73.48 4.47 0.00	63.09 3.68 0.00	55.50 3.29 0.00	46.28 2.76 0.00	46.72 2.58 0.00
HUDSON_AVE_10 24168	39.01 1.77 0.00	39.35 1.55 0.00	36.50 1.39 0.00	38.88 1.29 0.00	40.26 1.31 0.00	47.11 1.60 0.00	102.14 4.01 0.00	74.79 2.88 0.00	56.77 2.51 0.00	67.66 2.80 0.00	69.56 3.00 0.00	69.17 3.33 0.00	63.13 3.65 0.00	72.80 4.32 0.00	66.87 3.60 0.00	67.69 3.48 0.00	71.73 3.87 0.00	58.93 3.26 0.00	78.59 4.56 0.00	73.29 4.28 0.00	62.91 3.49 0.00	55.37 3.16 0.00	46.15 2.63 0.00	46.59 2.46 0.00
HUDSON___115KV_TB 4 355613	38.09 0.85 0.00	38.56 0.77 0.00	35.90 0.79 0.00	38.36 0.78 0.00	39.71 0.76 0.00	46.30 0.78 0.00	100.15 2.03 0.00	73.49 1.59 0.00	55.46 1.20 0.00	66.26 1.40 0.00	67.87 1.30 0.00	67.11 1.27 0.00	60.47 1.00 0.00	69.79 1.31 0.00	64.82 1.55 0.00	65.84 1.63 0.00	69.80 1.94 0.00	57.42 1.75 0.00	76.52 2.49 0.00	71.24 2.23 0.00	61.30 1.89 0.00	53.57 1.37 0.00	44.61 1.09 0.00	45.00 0.87 0.00
HUNTER MOUNT___DRP 323613	38.14 0.90 0.00	38.62 0.82 0.00	35.96 0.85 0.00	38.44 0.85 0.00	39.79 0.85 0.00	46.41 0.90 0.00	100.39 2.27 0.00	73.76 1.85 0.00	55.66 1.40 0.00	66.53 1.67 0.00	68.13 1.57 0.00	67.35 1.51 0.00	60.63 1.15 0.00	69.97 1.48 0.00	65.02 1.75 0.00	66.05 1.84 0.00	70.04 2.18 0.00	57.63 1.95 0.00	76.78 2.75 0.00	71.44 2.43 0.00	61.48 2.07 0.00	53.68 1.48 0.00	44.69 1.17 0.00	45.08 0.95 0.00
HUNTINGTON_RES_REC 323705	-85.24 1.16 123.65	-149.86 1.10 188.76	-93.54 0.96 129.61	-121.25 0.87 159.70	-68.46 0.69 108.10	45.20 0.75 1.07	43.82 1.58 55.88	73.55 1.64 0.00	55.90 1.65 0.00	66.43 1.57 0.00	67.89 1.32 0.00	67.44 1.60 0.00	61.67 2.20 0.00	69.65 2.56 1.40	52.21 1.78 12.84	21.41 1.72 44.51	25.05 1.85 44.66	41.25 1.65 16.07	76.39 2.82 0.46	52.23 2.12 18.91	58.28 2.06 3.20	20.41 1.65 33.45	-100.34 1.56 145.43	40.50 1.71 5.35
HUNTLEY___63 23557	36.00 -1.25 0.00	37.01 -0.79 0.00	34.18 -0.93 0.00	36.98 -0.60 0.00	38.15 -0.80 0.00	44.66 -0.85 0.00	93.83 -4.30 0.00	66.15 -4.82 0.94	44.91 -3.68 5.67	61.30 -3.57 0.00	63.21 -3.35 0.00	63.17 -2.67 0.00	56.66 -2.82 0.00	64.17 -3.70 0.61	46.44 -4.19 12.64	54.74 -3.91 5.56	62.80 -5.05 0.00	51.38 -4.29 0.00	68.43 -5.61 0.00	63.17 -4.90 0.94	55.49 -3.93 0.00	49.07 -3.13 0.00	41.45 -2.08 0.00	43.18 -0.96 0.00
HUNTLEY___64 23558	36.00 -1.25 0.00	37.01 -0.79 0.00	34.18 -0.93 0.00	36.98 -0.60 0.00	38.15 -0.80 0.00	44.66 -0.85 0.00	93.83 -4.30 0.00	66.15 -4.82 0.94	44.91 -3.68 5.67	61.30 -3.57 0.00	63.21 -3.35 0.00	63.17 -2.67 0.00	56.66 -2.82 0.00	64.17 -3.70 0.61	46.44 -4.19 12.64	54.74 -3.91 5.56	62.80 -5.05 0.00	51.38 -4.29 0.00	68.43 -5.61 0.00	63.17 -4.90 0.94	55.49 -3.93 0.00	49.07 -3.13 0.00	41.45 -2.08 0.00	43.18 -0.96 0.00
HUNTLEY___65 23559	36.00 -1.25 0.00	37.01 -0.79 0.00	34.18 -0.93 0.00	36.98 -0.60 0.00	38.15 -0.80 0.00	44.66 -0.85 0.00	93.83 -4.30 0.00	66.15 -4.82 0.94	44.91 -3.68 5.67	61.30 -3.57 0.00	63.21 -3.35 0.00	63.17 -2.67 0.00	56.66 -2.82 0.00	64.17 -3.70 0.61	46.44 -4.19 12.64	54.74 -3.91 5.56	62.80 -5.05 0.00	51.38 -4.29 0.00	68.43 -5.61 0.00	63.17 -4.90 0.94	55.49 -3.93 0.00	49.07 -3.13 0.00	41.45 -2.08 0.00	43.18 -0.96 0.00
HUNTLEY___66 23560	36.00 -1.25 0.00	37.01 -0.79 0.00	34.18 -0.93 0.00	36.98 -0.60 0.00	38.15 -0.80 0.00	44.66 -0.85 0.00	93.83 -4.30 0.00	66.15 -4.82 0.94	44.91 -3.68 5.67	61.30 -3.57 0.00	63.21 -3.35 0.00	63.17 -2.67 0.00	56.66 -2.82 0.00	64.17 -3.70 0.61	46.44 -4.19 12.64	54.74 -3.91 5.56	62.80 -5.05 0.00	51.38 -4.29 0.00	68.43 -5.61 0.00	63.17 -4.90 0.94	55.49 -3.93 0.00	49.07 -3.13 0.00	41.45 -2.08 0.00	43.18 -0.96 0.00
HUNTLEY___67 23561	35.69 -1.56 0.00	36.70 -1.09 0.00	33.89 -1.22 0.00	36.67 -0.91 0.00	37.84 -1.11 0.00	44.25 -1.26 0.00	93.26 -4.86 0.00	65.76 -5.19 0.96	44.42 -4.06 5.78	60.85 -4.01 0.00	62.68 -3.89 0.00	62.64 -3.20 0.00	56.27 -3.21 0.00	63.65 -4.21 0.62	45.62 -4.75 12.89	54.06 -4.48 5.67	62.41 -5.44 0.00	51.14 -4.53 0.00	68.08 -5.95 0.00	62.83 -5.22 0.96	55.26 -4.15 0.00	48.86 -3.35 0.00	41.18 -2.34 0.00	42.78 -1.35 0.00
HUNTLEY___68 23562	35.69 -1.56 0.00	36.70 -1.09 0.00	33.89 -1.22 0.00	36.67 -0.91 0.00	37.84 -1.11 0.00	44.25 -1.26 0.00	93.26 -4.86 0.00	65.76 -5.19 0.96	44.42 -4.06 5.78	60.85 -4.01 0.00	62.68 -3.89 0.00	62.64 -3.20 0.00	56.27 -3.21 0.00	63.65 -4.21 0.62	45.62 -4.75 12.89	54.06 -4.48 5.67	62.41 -5.44 0.00	51.14 -4.53 0.00	68.08 -5.95 0.00	62.83 -5.22 0.96	55.26 -4.15 0.00	48.86 -3.35 0.00	41.18 -2.34 0.00	42.78 -1.35 0.00

HYLAND___LFGE 323620	38.14 0.72 -0.17	38.82 0.86 -0.16	35.85 0.62 -0.12	38.68 0.94 -0.15	40.00 0.95 -0.10	46.71 1.20 0.00	100.68 2.32 -0.23	71.83 1.25 1.32	46.70 0.62 8.18	69.41 0.96 -3.58	75.32 1.35 -7.41	67.23 1.29 -0.10	60.07 0.40 -0.19	69.36 0.03 -0.84	58.05 -0.77 4.45	67.26 -0.28 -3.32	68.06 0.15 -0.05	56.43 0.59 -0.17	76.69 1.35 -1.30	69.92 1.62 0.71	61.47 1.77 -0.29	53.94 1.50 -0.24	44.98 1.22 -0.24	45.96 1.62 -0.20
INDECK___CORINTH 23802	38.32 1.07 0.00	38.65 0.85 0.00	35.96 0.85 0.00	38.55 0.96 0.00	39.95 1.00 0.00	46.61 1.10 0.00	100.85 2.73 0.00	73.99 2.09 0.00	55.24 0.99 0.00	66.16 1.29 0.00	67.77 1.21 0.00	66.76 0.92 0.00	60.14 0.66 0.00	69.42 0.94 0.00	64.65 1.38 0.00	65.83 1.62 0.00	69.93 2.07 0.00	57.59 1.91 0.00	76.57 2.53 0.00	71.27 2.26 0.00	61.37 1.96 0.00	53.67 1.47 0.00	44.82 1.29 0.00	45.21 1.08 0.00
INDECK___ILION 23567	38.10 0.86 0.00	38.50 0.71 0.00	35.82 0.71 0.00	38.33 0.75 0.00	39.66 0.71 0.00	46.28 0.76 0.00	100.00 1.87 0.00	73.35 1.44 0.00	55.31 1.05 0.00	65.90 1.04 0.00	67.55 0.99 0.00	66.94 1.10 0.00	60.50 1.03 0.00	69.90 1.29 -0.12	64.44 1.17 0.00	65.40 1.19 0.00	69.22 1.36 0.00	56.88 1.21 0.00	75.69 1.65 0.00	70.44 1.43 0.00	60.60 1.19 0.00	53.12 0.92 0.00	44.29 0.77 0.00	44.83 0.69 0.00
INDECK___OLEAN 23982	35.34 -0.99 0.90	36.25 -0.72 0.82	33.56 -0.91 0.63	36.10 -0.69 0.80	37.47 -0.97 0.51	44.23 -1.28 0.00	93.90 -3.01 1.21	66.85 -3.55 1.51	43.53 -2.93 7.80	61.96 -3.16 -0.27	63.10 -3.07 0.40	63.02 -2.39 0.43	56.54 -1.96 0.99	63.96 -2.68 1.85	42.79 -3.69 16.79	53.63 -3.67 6.90	63.65 -3.94 0.26	52.01 -2.76 0.90	68.72 -3.32 1.99	64.53 -2.32 2.16	56.62 -1.55 1.25	49.62 -1.34 1.25	41.28 -1.00 1.24	42.58 -0.51 1.05
INDECK___OSWEGO 23783	36.23 -1.02 0.00	36.75 -1.04 0.00	34.10 -1.00 0.00	36.55 -1.04 0.00	37.90 -1.05 0.00	44.27 -1.24 0.00	95.32 -2.81 0.00	70.01 -1.90 0.00	52.90 -1.36 0.00	63.21 -1.66 0.00	64.93 -1.64 0.00	64.15 -1.69 0.00	57.96 -1.52 0.00	66.99 -1.71 -0.22	61.60 -1.67 0.00	62.49 -1.72 0.00	65.94 -1.92 0.00	54.28 -1.39 0.00	72.25 -1.79 0.00	67.28 -1.73 0.00	57.86 -1.55 0.00	50.81 -1.39 0.00	42.45 -1.07 0.00	43.08 -1.05 0.00
INDECK___YERKES 23781	35.45 -1.19 0.60	36.51 -0.74 0.54	33.80 -0.89 0.42	36.50 -0.56 0.53	37.85 -0.76 0.34	44.69 -0.82 0.00	93.12 -4.21 0.80	65.98 -4.83 1.10	44.84 -3.66 5.76	61.36 -3.50 0.00	62.65 -3.30 0.62	62.97 -2.58 0.28	56.09 -2.73 0.65	63.50 -3.63 1.36	45.92 -4.12 13.23	54.63 -3.86 5.72	62.68 -5.00 0.17	50.88 -4.19 0.60	67.29 -5.51 1.23	62.66 -4.85 1.50	54.75 -3.84 0.82	48.29 -3.09 0.83	40.68 -2.03 0.82	42.54 -0.89 0.69
INDIAN POINT_GT_1 24139	38.74 1.50 0.00	39.08 1.29 0.00	36.27 1.16 0.00	38.67 1.09 0.00	40.04 1.09 0.00	46.80 1.29 0.00	101.52 3.40 0.00	74.27 2.37 0.00	56.28 2.02 0.00	67.03 2.17 0.00	68.94 2.37 0.00	68.51 2.67 0.00	62.52 3.05 0.00	72.08 3.60 0.00	66.24 2.97 0.00	67.03 2.82 0.00	70.95 3.09 0.00	58.35 2.68 0.00	77.85 3.82 0.00	72.64 3.63 0.00	62.40 2.98 0.00	54.84 2.63 0.00	45.74 2.22 0.00	46.21 2.08 0.00
INDIAN POINT_GT_2 23659	38.74 1.50 0.00	39.08 1.29 0.00	36.27 1.16 0.00	38.67 1.09 0.00	40.04 1.09 0.00	46.80 1.29 0.00	101.52 3.40 0.00	74.27 2.37 0.00	56.28 2.02 0.00	67.03 2.17 0.00	68.94 2.37 0.00	68.51 2.67 0.00	62.52 3.05 0.00	72.08 3.60 0.00	66.24 2.97 0.00	67.03 2.82 0.00	70.95 3.09 0.00	58.35 2.68 0.00	77.85 3.82 0.00	72.64 3.63 0.00	62.40 2.98 0.00	54.84 2.63 0.00	45.74 2.22 0.00	46.21 2.08 0.00
INDIAN POINT_GT_3 24019	38.74 1.50 0.00	39.08 1.29 0.00	36.27 1.16 0.00	38.67 1.09 0.00	40.04 1.09 0.00	46.80 1.29 0.00	101.52 3.40 0.00	74.27 2.37 0.00	56.28 2.02 0.00	67.03 2.17 0.00	68.94 2.37 0.00	68.51 2.67 0.00	62.52 3.05 0.00	72.08 3.60 0.00	66.24 2.97 0.00	67.03 2.82 0.00	70.95 3.09 0.00	58.35 2.68 0.00	77.85 3.82 0.00	72.64 3.63 0.00	62.40 2.98 0.00	54.84 2.63 0.00	45.74 2.22 0.00	46.21 2.08 0.00
INDIAN POINT___2 23530	38.72 1.48 0.00	39.05 1.26 0.00	36.25 1.14 0.00	38.65 1.06 0.00	40.03 1.08 0.00	46.78 1.27 0.00	101.50 3.38 0.00	74.22 2.31 0.00	56.23 1.97 0.00	66.96 2.10 0.00	68.87 2.31 0.00	68.46 2.62 0.00	62.50 3.02 0.00	72.05 3.57 0.00	66.19 2.93 0.00	66.97 2.76 0.00	70.88 3.02 0.00	58.30 2.63 0.00	77.77 3.74 0.00	72.61 3.60 0.00	62.36 2.95 0.00	54.82 2.61 0.00	45.70 2.18 0.00	46.19 2.06 0.00
INDIAN POINT___3 23531	38.74 1.50 0.00	39.10 1.30 0.00	36.28 1.17 0.00	38.68 1.10 0.00	40.05 1.10 0.00	46.81 1.30 0.00	101.53 3.41 0.00	74.27 2.37 0.00	56.28 2.02 0.00	67.04 2.17 0.00	68.94 2.37 0.00	68.52 2.68 0.00	62.52 3.05 0.00	72.08 3.59 0.00	66.24 2.97 0.00	67.03 2.82 0.00	70.96 3.10 0.00	58.35 2.68 0.00	77.84 3.80 0.00	72.63 3.62 0.00	62.39 2.98 0.00	54.84 2.63 0.00	45.75 2.22 0.00	46.21 2.08 0.00
INGHAM_C_115KV_TB7 356103	39.27 2.03 0.00	39.54 1.75 0.00	36.82 1.72 0.00	39.40 1.81 0.00	40.70 1.75 0.00	47.47 1.96 0.00	102.74 4.61 0.00	75.38 3.48 0.00	56.77 2.51 0.00	67.50 2.63 0.00	69.05 2.48 0.00	68.59 2.75 0.00	62.03 2.56 0.00	71.64 3.03 -0.12	66.08 2.81 0.00	67.09 2.88 0.00	71.17 3.31 0.00	58.54 2.87 0.00	77.94 3.91 0.00	72.44 3.43 0.00	62.30 2.89 0.00	54.51 2.30 0.00	45.41 1.89 0.00	45.81 1.68 0.00
IP CORINTH___1 23988	38.52 1.27 0.00	38.85 1.05 0.00	36.14 1.04 0.00	38.75 1.16 0.00	40.17 1.22 0.00	46.86 1.35 0.00	101.41 3.29 0.00	74.40 2.50 0.00	55.56 1.31 0.00	66.53 1.67 0.00	68.16 1.60 0.00	67.13 1.29 0.00	60.49 1.01 0.00	69.81 1.33 0.00	65.01 1.74 0.00	66.20 1.99 0.00	70.30 2.44 0.00	57.91 2.24 0.00	76.99 2.96 0.00	71.65 2.63 0.00	61.70 2.29 0.00	53.97 1.76 0.00	45.06 1.53 0.00	45.45 1.32 0.00
IP___TICONDEROGA 23804	40.00 2.76 0.00	40.26 2.46 0.00	37.51 2.40 0.00	40.33 2.74 0.00	41.87 2.92 0.00	48.64 3.13 0.00	106.20 8.07 0.00	78.02 6.12 0.00	57.94 3.68 0.00	69.69 4.82 0.00	70.91 4.35 0.00	69.58 3.74 0.00	62.28 2.81 0.00	72.22 3.73 0.00	67.41 4.14 0.00	69.29 5.08 0.00	73.99 6.14 0.00	60.98 5.31 0.00	80.55 6.52 0.00	74.84 5.83 0.00	64.00 4.59 0.00	56.21 4.01 0.00	46.73 3.21 0.00	47.16 3.03 0.00
ISLIP_RES_REC 323679	-19.73 1.32 58.29	-49.94 1.25 88.99	-24.88 1.12 61.10	-36.68 1.02 75.29	-11.13 0.88 50.96	46.04 1.04 0.50	71.54 2.34 28.92	74.21 2.30 0.00	56.43 2.17 0.00	67.11 2.25 0.00	68.52 1.96 0.00	68.11 2.27 0.00	62.28 2.80 0.00	70.34 3.26 1.40	52.83 2.36 12.80	22.06 2.23 44.38	25.84 2.45 44.46	41.89 2.16 15.95	77.14 3.52 0.41	52.80 2.64 18.85	58.82 2.59 3.19	20.86 2.00 33.34	-46.70 1.81 92.04	40.76 1.94 5.31

JAMAICA__27_KV_LOAD 355505	39.18 1.94 0.00	39.50 1.70 0.00	36.64 1.53 0.00	39.01 1.42 0.00	40.37 1.43 0.00	47.26 1.75 0.00	102.36 4.24 0.00	74.97 3.07 0.00	56.93 2.67 0.00	67.86 2.99 0.00	69.75 3.18 0.00	69.35 3.51 0.00	63.31 3.83 0.00	73.03 4.54 0.00	67.05 3.78 0.00	67.89 3.68 0.00	71.91 4.05 0.00	59.10 3.43 0.00	78.81 4.78 0.00	73.54 4.53 0.00	63.08 3.67 0.00	55.62 3.41 0.00	46.35 2.83 0.00	46.78 2.65 0.00
JANIS__SOLAR 323808	38.42 0.91 -0.27	38.99 0.95 -0.24	36.12 0.83 -0.19	38.84 1.02 -0.23	40.19 1.09 -0.15	46.65 1.14 0.00	101.84 3.36 -0.35	77.02 2.35 -2.77	72.04 1.53 -16.26	66.14 1.43 0.15	68.31 1.79 0.04	67.67 1.71 -0.12	61.63 1.87 -0.29	72.65 2.14 -2.02	96.29 1.60 -31.42	76.48 1.08 -11.19	68.87 0.93 -0.08	57.13 1.19 -0.27	76.82 2.04 -0.75	73.43 2.05 -2.36	61.66 1.87 -0.37	54.15 1.58 -0.37	45.51 1.62 -0.36	46.16 1.72 -0.31
JARVIS____ 23743	37.31 0.07 0.00	37.83 0.04 0.00	35.14 0.04 0.00	37.62 0.04 0.00	38.98 0.04 0.00	45.52 0.00 0.00	98.20 0.07 0.00	71.97 0.07 0.00	54.31 0.05 0.00	64.87 0.01 0.00	66.58 0.02 0.00	65.87 0.03 0.00	59.54 0.07 0.00	68.75 0.14 -0.12	63.39 0.12 0.00	64.31 0.10 0.00	67.95 0.09 0.00	55.84 0.16 0.00	74.25 0.22 0.00	69.18 0.17 0.00	59.55 0.13 0.00	52.27 0.07 0.00	43.63 0.11 0.00	44.22 0.09 0.00
JENNISON____1 23625	37.50 0.26 0.00	38.06 0.27 0.00	35.45 0.34 0.00	38.11 0.52 0.00	39.57 0.62 0.00	45.56 0.05 0.00	100.24 2.12 0.00	73.52 0.96 -0.65	58.38 0.23 -3.90	64.31 -0.26 0.30	65.94 -0.02 0.60	65.97 0.13 0.00	60.00 0.52 0.00	69.51 0.73 -0.30	70.03 0.14 -6.63	65.66 -0.34 -1.79	67.47 -0.39 0.00	55.46 -0.21 0.00	74.68 0.64 0.00	70.54 0.85 -0.68	60.70 1.28 0.00	53.30 1.09 0.00	45.15 1.62 0.00	45.93 1.80 0.00
JENNISON____2 23626	37.50 0.26 0.00	38.06 0.27 0.00	35.45 0.34 0.00	38.11 0.52 0.00	39.57 0.62 0.00	45.56 0.05 0.00	100.24 2.12 0.00	73.52 0.96 -0.65	58.38 0.23 -3.90	64.31 -0.26 0.30	65.94 -0.02 0.60	65.97 0.13 0.00	60.00 0.52 0.00	69.51 0.73 -0.30	70.03 0.14 -6.63	65.66 -0.34 -1.79	67.47 -0.39 0.00	55.46 -0.21 0.00	74.68 0.64 0.00	70.54 0.85 -0.68	60.70 1.28 0.00	53.30 1.09 0.00	45.15 1.62 0.00	45.93 1.80 0.00
JERICOHO_RISE_WT_PWR 323719	37.92 0.67 0.00	38.54 0.75 0.00	35.82 0.72 0.00	38.29 0.71 0.00	39.73 0.78 0.00	46.61 1.10 0.00	100.30 2.17 0.00	73.59 1.69 0.00	55.40 1.14 0.00	66.29 1.43 0.00	67.65 1.08 0.00	66.72 0.88 0.00	59.92 0.44 0.00	67.15 0.20 1.53	63.69 0.42 0.00	64.96 0.75 0.00	68.68 0.82 0.00	55.35 -0.33 0.00	73.09 -0.95 0.00	68.17 -0.84 0.00	58.79 -0.63 0.00	52.02 -0.19 0.00	43.31 -0.21 0.00	43.97 -0.16 0.00
KATONAH__115KV_46KV_TB4 355592	38.89 1.65 0.00	39.25 1.46 0.00	36.42 1.31 0.00	38.82 1.24 0.00	40.20 1.25 0.00	47.00 1.49 0.00	101.96 3.84 0.00	74.66 2.75 0.00	56.59 2.33 0.00	67.44 2.58 0.00	69.34 2.77 0.00	68.89 3.05 0.00	62.79 3.32 0.00	72.42 3.93 0.00	66.56 3.29 0.00	67.39 3.18 0.00	71.40 3.54 0.00	58.70 3.03 0.00	78.27 4.23 0.00	73.01 3.99 0.00	62.69 3.28 0.00	55.09 2.89 0.00	45.96 2.43 0.00	46.38 2.25 0.00
KCE_NY_1 323755	38.66 1.42 0.00	39.06 1.26 0.00	36.32 1.21 0.00	38.92 1.34 0.00	40.38 1.43 0.00	47.10 1.59 0.00	101.76 3.63 0.00	74.48 2.57 0.00	56.02 1.76 0.00	66.99 2.13 0.00	68.68 2.12 0.00	67.73 1.89 0.00	61.14 1.66 0.00	70.42 1.93 0.00	65.44 2.17 0.00	66.53 2.32 0.00	70.57 2.72 0.00	58.08 2.40 0.00	77.36 3.32 0.00	72.00 2.99 0.00	62.08 2.67 0.00	54.21 2.01 0.00	45.19 1.67 0.00	45.68 1.55 0.00
KCE_NY_6_ESR 323823	35.37 -1.19 0.68	36.42 -0.76 0.62	33.71 -0.93 0.47	36.39 -0.60 0.60	37.75 -0.81 0.38	44.56 -0.95 0.00	93.39 -3.84 0.90	66.24 -4.45 1.22	44.32 -3.57 6.36	61.39 -3.47 0.00	62.57 -3.30 0.70	62.90 -2.62 0.32	56.04 -2.70 0.74	63.32 -3.64 1.53	44.29 -4.34 14.64	53.86 -4.03 6.32	62.93 -4.73 0.20	51.19 -3.81 0.68	67.71 -4.93 1.40	63.24 -4.10 1.68	55.31 -3.17 0.93	48.71 -2.56 0.93	40.82 -1.77 0.93	42.49 -0.86 0.78
KEDC_PORT_JEFF_GT2 24210	-34.51 1.09 72.84	-72.36 1.04 111.20	-40.33 0.91 76.35	-55.69 0.80 94.08	-24.07 0.66 63.68	45.65 0.77 0.63	64.78 1.64 34.99	73.63 1.73 0.00	55.98 1.72 0.00	66.62 1.76 0.00	67.91 1.35 0.00	67.45 1.60 0.00	61.65 2.17 0.00	69.60 2.53 1.42	51.99 1.73 13.02	20.76 1.58 45.03	24.31 1.76 45.30	40.81 1.56 16.42	76.15 2.71 0.60	51.85 1.97 19.13	58.16 1.97 3.23	19.91 1.55 33.84	-59.59 1.49 104.60	40.36 1.68 5.45
KEDC_PORT_JEFF_GT3 24211	-34.51 1.09 72.84	-72.36 1.04 111.20	-40.33 0.91 76.35	-55.69 0.80 94.08	-24.07 0.66 63.68	45.65 0.77 0.63	64.78 1.64 34.99	73.63 1.73 0.00	55.98 1.72 0.00	66.62 1.76 0.00	67.91 1.35 0.00	67.45 1.60 0.00	61.65 2.17 0.00	69.60 2.53 1.42	51.99 1.73 13.02	20.76 1.58 45.03	24.31 1.76 45.30	40.81 1.56 16.42	76.15 2.71 0.60	51.85 1.97 19.13	58.16 1.97 3.23	19.91 1.55 33.84	-59.59 1.49 104.60	40.36 1.68 5.45
KEDC_GLWD_GT4 24219	39.03 1.79 0.00	39.44 1.64 0.00	36.57 1.46 0.00	38.98 1.40 0.00	40.31 1.36 0.00	47.14 1.62 0.00	100.46 3.84 1.50	74.86 2.96 0.00	56.84 2.58 0.00	67.67 2.81 0.00	69.51 2.95 0.00	69.10 3.26 0.00	63.10 3.62 0.00	72.30 4.22 0.41	64.45 3.43 2.25	54.49 3.38 13.10	62.53 3.70 9.03	61.27 3.17 -2.43	84.58 4.56 -5.99	67.52 4.11 5.60	61.97 3.50 0.94	45.60 3.04 9.65	34.26 2.60 11.86	46.53 2.56 0.16
KEDC_GLWD_GT5 24220	39.03 1.79 0.00	39.44 1.64 0.00	36.57 1.46 0.00	38.98 1.40 0.00	40.31 1.36 0.00	47.14 1.62 0.00	100.46 3.84 1.50	74.86 2.96 0.00	56.84 2.58 0.00	67.67 2.81 0.00	69.51 2.95 0.00	69.10 3.26 0.00	63.10 3.62 0.00	72.30 4.22 0.41	64.45 3.43 2.25	54.49 3.38 13.10	62.53 3.70 9.03	61.27 3.17 -2.43	84.58 4.56 -5.99	67.52 4.11 5.60	61.97 3.50 0.94	45.60 3.04 9.65	34.26 2.60 11.86	46.53 2.56 0.16
KENSICO____ 23655	38.83 1.58 0.00	39.19 1.40 0.00	36.35 1.24 0.00	38.76 1.17 0.00	40.12 1.17 0.00	46.91 1.39 0.00	101.72 3.60 0.00	74.44 2.54 0.00	56.42 2.17 0.00	67.22 2.36 0.00	69.14 2.57 0.00	68.70 2.86 0.00	62.69 3.21 0.00	72.26 3.77 0.00	66.42 3.15 0.00	67.22 3.01 0.00	71.18 3.33 0.00	58.52 2.85 0.00	78.06 4.03 0.00	72.82 3.81 0.00	62.54 3.13 0.00	54.97 2.77 0.00	45.87 2.35 0.00	46.32 2.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.95 1.71 0.00	39.34 1.55 0.00	36.49 1.38 0.00	38.96 1.37 0.00	40.37 1.42 0.00	47.22 1.71 0.00	102.42 4.29 0.00	75.05 3.14 0.00	56.85 2.59 0.00	67.77 2.91 0.00	69.70 3.13 0.00	69.21 3.36 0.00	63.05 3.58 0.00	72.69 4.21 0.00	66.80 3.53 0.00	67.61 3.40 0.00	71.56 3.70 0.00	58.87 3.20 0.00	78.51 4.47 0.00	73.27 4.25 0.00	62.95 3.53 0.00	55.25 3.05 0.00	46.02 2.50 0.00	46.47 2.34 0.00

KIAC_JFK_GT1 23816	38.98 1.74 0.00	39.28 1.49 0.00	36.45 1.34 0.00	38.80 1.21 0.00	40.17 1.22 0.00	46.99 1.48 0.00	101.68 3.56 0.00	74.25 2.34 0.00	56.38 2.13 0.00	67.20 2.34 0.00	69.08 2.52 0.00	68.68 2.84 0.00	62.70 3.22 0.00	72.33 3.85 0.00	66.42 3.15 0.00	67.24 3.03 0.00	71.24 3.39 0.00	58.55 2.88 0.00	78.07 4.03 0.00	72.84 3.83 0.00	62.50 3.09 0.00	55.26 3.06 0.00	46.09 2.57 0.00	46.52 2.38 0.00
KIAC_JFK_GT2 23817	38.98 1.74 0.00	39.28 1.49 0.00	36.45 1.34 0.00	38.80 1.21 0.00	40.17 1.22 0.00	46.99 1.48 0.00	101.68 3.56 0.00	74.25 2.34 0.00	56.38 2.13 0.00	67.20 2.34 0.00	69.08 2.52 0.00	68.68 2.84 0.00	62.70 3.22 0.00	72.33 3.85 0.00	66.42 3.15 0.00	67.24 3.03 0.00	71.24 3.39 0.00	58.55 2.88 0.00	78.07 4.03 0.00	72.84 3.83 0.00	62.50 3.09 0.00	55.26 3.06 0.00	46.09 2.57 0.00	46.52 2.38 0.00
KIAC_JFK____ 323774	38.98 1.74 0.00	39.28 1.48 0.00	36.44 1.34 0.00	38.79 1.21 0.00	40.17 1.22 0.00	46.99 1.48 0.00	101.69 3.56 0.00	74.25 2.34 0.00	56.38 2.12 0.00	67.20 2.34 0.00	69.08 2.52 0.00	68.69 2.85 0.00	62.69 3.22 0.00	72.33 3.84 0.00	66.41 3.14 0.00	67.21 3.00 0.00	71.23 3.38 0.00	58.55 2.88 0.00	78.06 4.03 0.00	72.84 3.83 0.00	62.50 3.09 0.00	55.26 3.06 0.00	46.08 2.56 0.00	46.51 2.38 0.00
KINTIGH__24_KV_GSU 356498	35.28 -1.44 0.52	36.27 -1.05 0.47	33.58 -1.16 0.36	36.25 -0.88 0.46	37.61 -1.05 0.29	44.36 -1.15 0.00	93.03 -4.40 0.69	66.35 -4.63 0.92	45.88 -3.55 4.83	61.35 -3.51 0.00	62.65 -3.38 0.54	62.79 -2.81 0.25	56.14 -2.77 0.57	63.71 -3.61 1.17	48.00 -4.14 11.13	55.48 -3.94 4.79	62.82 -4.89 0.15	51.10 -4.06 0.52	67.64 -5.31 1.08	63.00 -4.73 1.29	54.90 -3.80 0.71	48.41 -3.08 0.72	40.65 -2.16 0.71	42.27 -1.27 0.60
KINTIGH____ 23543	35.77 -1.48 0.00	36.72 -1.08 0.00	33.92 -1.19 0.00	36.67 -0.91 0.00	37.87 -1.08 0.00	44.33 -1.18 0.00	93.65 -4.48 0.79	66.48 -4.64 0.00	45.92 -3.58 4.75	61.30 -3.56 0.00	63.14 -3.42 0.00	62.99 -2.86 0.00	56.64 -2.83 0.00	64.30 -3.68 0.51	48.47 -4.19 10.62	55.58 -3.97 4.66	62.95 -4.91 0.00	51.55 -4.12 0.00	68.66 -5.38 0.00	63.43 -4.79 0.79	55.54 -3.87 0.00	49.09 -3.12 0.00	41.32 -2.20 0.00	42.83 -1.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.37 1.13 0.00	38.93 1.13 0.00	36.18 1.08 0.00	38.68 1.09 0.00	40.14 1.18 0.00	47.10 1.59 0.00	101.33 3.21 0.00	74.41 2.50 0.00	55.98 1.72 0.00	66.88 2.01 0.00	68.23 1.67 0.00	67.34 1.49 0.00	60.49 1.01 0.00	68.25 0.85 1.09	64.26 1.00 0.00	65.65 1.44 0.00	69.49 1.63 0.00	56.04 0.37 0.00	74.05 0.01 0.00	68.95 -0.06 0.00	59.47 0.05 0.00	52.66 0.45 0.00	43.84 0.32 0.00	44.47 0.34 0.00
LACHUTE____HYDRO 323717	40.00 2.76 0.00	40.26 2.46 0.00	37.51 2.41 0.00	40.32 2.74 0.00	41.87 2.92 0.00	48.64 3.13 0.00	106.20 8.07 0.00	78.02 6.12 0.00	57.94 3.68 0.00	69.68 4.82 0.00	70.91 4.34 0.00	69.58 3.74 0.00	62.28 2.80 0.00	72.22 3.74 0.00	67.41 4.14 0.00	69.29 5.08 0.00	73.99 6.13 0.00	60.98 5.31 0.00	80.55 6.52 0.00	74.84 5.83 0.00	64.00 4.59 0.00	56.22 4.01 0.00	46.73 3.21 0.00	47.16 3.03 0.00
LAWRNCV__115KV_TB1 80681	38.54 1.29 0.00	39.24 1.45 0.00	36.45 1.35 0.00	39.05 1.47 0.00	40.56 1.61 0.00	47.53 2.02 0.00	102.08 3.96 0.00	75.00 3.10 0.00	56.47 2.21 0.00	67.93 3.07 0.00	69.65 3.09 0.00	68.62 2.78 0.00	61.54 2.06 0.00	76.20 2.61 -5.10	65.78 2.50 0.00	66.93 2.72 0.00	70.39 2.53 0.00	56.94 1.27 0.00	75.48 1.45 0.00	70.09 1.08 0.00	60.28 0.87 0.00	53.61 1.41 0.00	44.74 1.22 0.00	45.45 1.31 0.00
LEDERLE____ 23769	38.97 1.73 0.00	39.32 1.52 0.00	36.48 1.37 0.00	38.90 1.31 0.00	40.28 1.33 0.00	47.08 1.57 0.00	102.24 4.12 0.00	74.76 2.86 0.00	56.64 2.38 0.00	67.44 2.58 0.00	69.40 2.84 0.00	68.99 3.15 0.00	62.99 3.51 0.00	72.62 4.14 0.00	66.72 3.45 0.00	67.49 3.28 0.00	71.43 3.57 0.00	58.77 3.09 0.00	78.41 4.37 0.00	73.20 4.19 0.00	62.86 3.45 0.00	55.23 3.03 0.00	46.04 2.52 0.00	46.51 2.38 0.00
LIGHTHSE_115KV_TB6 355974	37.00 -0.24 0.00	37.54 -0.25 0.00	34.83 -0.28 0.00	37.38 -0.20 0.00	38.83 -0.12 0.00	45.37 -0.14 0.00	97.84 -0.29 0.00	72.00 0.10 0.00	54.38 0.12 0.00	65.14 0.28 0.00	66.97 0.41 0.00	65.80 -0.04 0.00	59.06 -0.42 0.00	69.32 0.33 -0.50	63.21 -0.06 0.00	64.22 0.01 0.00	67.58 -0.27 0.00	55.50 -0.17 0.00	73.87 -0.16 0.00	68.46 -0.55 0.00	58.77 -0.64 0.00	51.84 -0.36 0.00	43.50 -0.02 0.00	44.22 0.08 0.00
LINDEN COGEN____ 23786	37.82 1.64 1.06	38.24 1.42 0.98	36.39 1.28 0.00	38.06 1.18 0.69	38.24 1.19 1.90	40.69 1.43 6.26	101.83 3.71 0.00	74.55 2.64 0.00	50.41 2.29 6.13	60.55 2.56 6.87	57.38 2.78 11.96	56.79 3.11 12.17	62.94 3.46 0.00	72.57 4.08 0.00	53.48 3.38 13.18	54.24 3.25 13.22	58.90 3.58 12.54	47.21 3.05 11.51	73.16 4.30 5.17	65.79 4.05 7.26	50.62 3.32 12.11	49.15 2.98 6.04	38.76 2.47 7.24	40.35 2.31 6.10
LINDHRST_69_KV_BK1 356055	35.00 1.94 4.18	33.24 1.82 6.38	32.35 1.62 4.38	33.75 1.56 5.40	36.75 1.46 3.65	47.16 1.68 0.04	96.27 3.80 5.65	75.00 3.09 0.00	56.98 2.73 0.00	67.70 2.84 0.00	69.28 2.72 0.00	68.93 3.09 0.00	63.07 3.60 0.00	71.46 4.08 1.11	56.71 3.22 9.78	32.02 3.17 35.37	38.54 3.48 32.79	49.63 3.03 9.07	80.89 4.59 -2.27	57.75 3.78 15.04	60.39 3.52 2.54	28.68 2.91 26.44	8.13 2.66 38.06	43.45 2.65 3.34
LIPA_MISC_IPP 23656	-29.77 0.92 67.93	-65.01 0.89 103.70	-35.31 0.78 71.20	-49.48 0.67 87.74	-19.92 0.51 59.39	45.56 0.64 0.59	66.62 1.49 33.00	73.66 1.76 0.00	56.01 1.76 0.00	66.58 1.72 0.00	67.96 1.40 0.00	67.63 1.79 0.00	61.83 2.35 0.00	69.77 2.71 1.43	51.97 1.82 13.12	20.38 1.51 45.34	23.90 1.73 45.69	40.60 1.57 16.64	76.12 2.77 0.68	51.74 1.98 19.25	58.23 2.08 3.26	19.57 1.45 34.08	-56.08 1.33 100.94	40.10 1.48 5.51
LISF____SOLAR 323691	-29.24 0.96 67.44	-64.23 0.93 102.95	-34.77 0.81 70.69	-48.82 0.70 87.11	-19.44 0.57 58.96	45.63 0.70 0.58	66.96 1.61 32.78	73.78 1.88 0.00	56.11 1.85 0.00	66.70 1.84 0.00	68.06 1.50 0.00	67.73 1.89 0.00	61.92 2.44 0.00	69.89 2.83 1.42	52.07 1.89 13.08	20.62 1.64 45.23	24.18 1.86 45.54	40.79 1.67 16.56	76.27 2.89 0.65	51.88 2.07 19.21	58.33 2.16 3.25	19.75 1.54 33.99	-55.55 1.33 100.41	40.17 1.53 5.49
LITTLE FALLS____HYD 24013	39.27 2.03 0.00	39.54 1.75 0.00	36.82 1.72 0.00	39.40 1.81 0.00	40.70 1.75 0.00	47.47 1.96 0.00	102.74 4.61 0.00	75.38 3.48 0.00	56.77 2.51 0.00	67.50 2.63 0.00	69.05 2.48 0.00	68.59 2.75 0.00	62.03 2.56 0.00	71.64 3.03 -0.12	66.08 2.81 0.00	67.09 2.88 0.00	71.17 3.31 0.00	58.54 2.87 0.00	77.94 3.91 0.00	72.44 3.43 0.00	62.30 2.89 0.00	54.51 2.30 0.00	45.41 1.89 0.00	45.81 1.68 0.00

LITTLRIV_115KV_TB1 356100	38.98 1.74 0.00	39.71 1.92 0.00	36.89 1.79 0.00	39.53 1.95 0.00	41.07 2.13 0.00	48.17 2.66 0.00	103.57 5.45 0.00	76.20 4.30 0.00	57.34 3.08 0.00	68.99 4.13 0.00	70.74 4.17 0.00	69.70 3.86 0.00	62.43 2.96 0.00	77.20 3.61 -5.11	66.75 3.49 0.00	67.93 3.71 0.00	71.50 3.64 0.00	57.77 2.09 0.00	76.59 2.56 0.00	71.10 2.09 0.00	61.10 1.68 0.00	54.33 2.12 0.00	45.27 1.74 0.00	46.00 1.87 0.00
LI_NEWBRDGE___DRP 323616	38.64 1.40 0.00	39.10 1.31 0.00	36.26 1.15 0.00	38.65 1.07 0.00	39.91 0.96 0.00	46.62 1.11 0.00	95.23 2.48 5.37	74.01 2.10 0.00	56.21 1.95 0.00	66.81 1.95 0.00	68.46 1.89 0.00	68.07 2.23 0.00	62.21 2.73 0.00	70.10 3.16 1.54	51.37 2.43 14.33	17.62 2.34 48.94	20.19 2.53 50.20	38.72 2.22 19.17	75.82 3.47 1.69	51.10 2.86 20.78	58.52 2.62 3.51	17.56 2.19 36.83	-4.09 1.98 49.59	39.98 2.09 6.24
LOCKPORT_115KV_TB60_63_64 80432	35.83 -1.41 0.00	36.87 -0.92 0.00	34.08 -1.03 0.00	36.85 -0.73 0.00	38.05 -0.90 0.00	44.57 -0.94 0.00	93.38 -4.75 0.00	65.82 -5.21 0.87	45.13 -3.87 5.26	60.98 -3.88 0.00	62.90 -3.67 0.00	62.89 -2.95 0.00	56.27 -3.21 0.00	63.76 -4.15 0.57	47.11 -4.46 11.70	54.97 -4.08 5.15	62.50 -5.36 0.00	51.05 -4.62 0.00	67.96 -6.07 0.00	62.75 -5.39 0.87	55.00 -4.42 0.00	48.64 -3.56 0.00	41.07 -2.46 0.00	42.86 -1.27 0.00
LOCKPORT___CC1 323769	35.29 -1.44 0.51	36.37 -0.96 0.47	33.67 -1.08 0.36	36.36 -0.77 0.45	37.70 -0.96 0.29	44.48 -1.03 0.00	92.63 -4.81 0.69	65.55 -5.34 1.02	44.85 -3.97 5.44	60.89 -3.97 0.00	62.26 -3.78 0.53	62.56 -3.04 0.24	55.69 -3.23 0.56	63.04 -4.22 1.22	46.22 -4.60 12.45	54.58 -4.24 5.39	62.24 -5.47 0.15	50.52 -4.64 0.51	66.94 -6.10 0.99	62.22 -5.45 1.34	54.32 -4.39 0.70	47.93 -3.56 0.71	40.37 -2.45 0.70	42.25 -1.29 0.59
LOCKPORT___CC2 323770	35.29 -1.44 0.51	36.37 -0.96 0.47	33.67 -1.08 0.36	36.36 -0.77 0.45	37.70 -0.96 0.29	44.48 -1.03 0.00	92.63 -4.81 0.69	65.55 -5.34 1.02	44.85 -3.97 5.44	60.89 -3.97 0.00	62.26 -3.78 0.53	62.56 -3.04 0.24	55.69 -3.23 0.56	63.04 -4.22 1.22	46.22 -4.60 12.45	54.58 -4.24 5.39	62.24 -5.47 0.15	50.52 -4.64 0.51	66.94 -6.10 0.99	62.22 -5.45 1.34	54.32 -4.39 0.70	47.93 -3.56 0.71	40.37 -2.45 0.70	42.25 -1.29 0.59
LOCKPORT___CC3 323771	35.29 -1.44 0.51	36.37 -0.96 0.47	33.67 -1.08 0.36	36.36 -0.77 0.45	37.70 -0.96 0.29	44.48 -1.03 0.00	92.63 -4.81 0.69	65.55 -5.34 1.02	44.85 -3.97 5.44	60.89 -3.97 0.00	62.26 -3.78 0.53	62.56 -3.04 0.24	55.69 -3.23 0.56	63.04 -4.22 1.22	46.22 -4.60 12.45	54.58 -4.24 5.39	62.24 -5.47 0.15	50.52 -4.64 0.51	66.94 -6.10 0.99	62.22 -5.45 1.34	54.32 -4.39 0.70	47.93 -3.56 0.71	40.37 -2.45 0.70	42.25 -1.29 0.59
LOCUSVLY_69_KV_BK2 55797	38.98 1.74 0.00	39.40 1.61 0.00	36.55 1.45 0.00	38.96 1.37 0.00	40.24 1.29 0.00	47.02 1.51 0.00	99.19 3.45 2.38	74.68 2.77 0.00	56.72 2.46 0.00	67.47 2.61 0.00	69.22 2.66 0.00	68.81 2.97 0.00	62.87 3.40 0.00	71.76 3.94 0.66	61.46 3.19 4.99	46.09 3.10 21.22	53.11 3.37 18.11	56.19 2.91 2.38	82.75 4.29 -4.43	63.73 3.76 9.04	61.19 3.30 1.52	39.22 2.81 15.79	25.67 2.46 20.31	45.12 2.46 1.48
LONG_LAKE_PHOENIX 24014	36.37 -0.87 0.00	36.92 -0.88 0.00	34.25 -0.86 0.00	36.71 -0.88 0.00	38.05 -0.90 0.00	44.47 -1.04 0.00	95.78 -2.34 0.00	70.32 -1.58 0.00	53.12 -1.14 0.00	63.49 -1.38 0.00	65.20 -1.36 0.00	64.52 -1.32 0.00	58.33 -1.15 0.00	67.27 -1.38 -0.17	61.95 -1.31 0.00	62.82 -1.38 0.00	66.33 -1.53 0.00	54.60 -1.07 0.00	72.71 -1.32 0.00	67.77 -1.24 0.00	58.29 -1.12 0.00	51.15 -1.06 0.00	42.65 -0.88 0.00	43.26 -0.87 0.00
LOVETT___3 23632	38.75 1.51 0.00	39.10 1.30 0.00	36.28 1.17 0.00	38.68 1.10 0.00	40.05 1.10 0.00	46.81 1.30 0.00	101.59 3.46 0.00	74.28 2.37 0.00	56.28 2.02 0.00	67.02 2.16 0.00	68.94 2.37 0.00	68.53 2.69 0.00	62.56 3.08 0.00	72.11 3.63 0.00	66.26 2.99 0.00	67.04 2.83 0.00	70.95 3.09 0.00	58.36 2.69 0.00	77.85 3.82 0.00	72.66 3.65 0.00	62.42 3.01 0.00	54.86 2.66 0.00	45.76 2.23 0.00	46.22 2.09 0.00
LOVETT___4 23642	38.75 1.51 0.00	39.10 1.30 0.00	36.28 1.17 0.00	38.68 1.10 0.00	40.05 1.10 0.00	46.81 1.30 0.00	101.59 3.46 0.00	74.28 2.37 0.00	56.28 2.02 0.00	67.02 2.16 0.00	68.94 2.37 0.00	68.53 2.69 0.00	62.56 3.08 0.00	72.11 3.63 0.00	66.26 2.99 0.00	67.04 2.83 0.00	70.95 3.09 0.00	58.36 2.69 0.00	77.85 3.82 0.00	72.66 3.65 0.00	62.42 3.01 0.00	54.86 2.66 0.00	45.76 2.23 0.00	46.22 2.09 0.00
LOVETT___5 23593	38.75 1.51 0.00	39.10 1.30 0.00	36.28 1.17 0.00	38.68 1.10 0.00	40.05 1.10 0.00	46.81 1.30 0.00	101.59 3.46 0.00	74.28 2.37 0.00	56.28 2.02 0.00	67.02 2.16 0.00	68.94 2.37 0.00	68.53 2.69 0.00	62.56 3.08 0.00	72.11 3.63 0.00	66.26 2.99 0.00	67.04 2.83 0.00	70.95 3.09 0.00	58.36 2.69 0.00	77.85 3.82 0.00	72.66 3.65 0.00	62.42 3.01 0.00	54.86 2.66 0.00	45.76 2.23 0.00	46.22 2.09 0.00
LOWER RAQUET___HYD 24057	38.60 1.36 0.00	39.31 1.51 0.00	36.51 1.41 0.00	39.12 1.54 0.00	40.64 1.69 0.00	47.63 2.12 0.00	102.27 4.14 0.00	75.17 3.26 0.00	56.59 2.34 0.00	68.13 3.27 0.00	69.86 3.30 0.00	68.80 2.96 0.00	61.66 2.18 0.00	76.39 2.79 -5.11	65.94 2.67 0.00	67.10 2.89 0.00	70.52 2.66 0.00	56.95 1.28 0.00	75.48 1.44 0.00	70.05 1.04 0.00	60.21 0.80 0.00	53.63 1.43 0.00	44.83 1.30 0.00	45.53 1.40 0.00
LOWER___HUDSON 24059	38.24 1.00 0.00	38.59 0.80 0.00	35.93 0.82 0.00	38.47 0.89 0.00	39.84 0.89 0.00	46.40 0.88 0.00	100.23 2.11 0.00	73.30 1.39 0.00	55.19 0.93 0.00	65.89 1.02 0.00	67.53 0.96 0.00	66.77 0.93 0.00	60.30 0.82 0.00	69.47 0.98 0.00	64.54 1.27 0.00	65.59 1.38 0.00	69.52 1.67 0.00	57.24 1.56 0.00	76.25 2.22 0.00	70.98 1.97 0.00	61.11 1.70 0.00	53.40 1.20 0.00	44.55 1.02 0.00	44.99 0.86 0.00
LOWVILLE_115KV_TB2 356335	38.06 0.82 0.00	38.72 0.92 0.00	35.91 0.80 0.00	38.65 1.07 0.00	40.31 1.36 0.00	47.04 1.53 0.00	102.03 3.91 0.00	75.23 3.32 0.00	56.75 2.49 0.00	68.18 3.32 0.00	70.16 3.60 0.00	68.28 2.44 0.00	60.37 0.89 0.00	73.34 3.39 -1.46	65.83 2.56 0.00	67.00 2.79 0.00	70.48 2.63 0.00	57.60 1.93 0.00	76.22 2.18 0.00	69.61 0.60 0.00	59.20 -0.21 0.00	52.71 0.51 0.00	44.84 1.32 0.00	45.88 1.75 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.65 1.41 0.00	39.05 1.25 0.00	36.31 1.21 0.00	38.90 1.32 0.00	40.33 1.38 0.00	47.04 1.53 0.00	101.68 3.56 0.00	74.46 2.56 0.00	55.98 1.72 0.00	66.92 2.06 0.00	68.56 2.00 0.00	67.68 1.84 0.00	61.09 1.61 0.00	70.39 1.90 0.00	65.40 2.13 0.00	66.50 2.29 0.00	70.52 2.67 0.00	58.06 2.39 0.00	77.28 3.25 0.00	71.95 2.95 0.00	61.98 2.57 0.00	54.17 1.96 0.00	45.16 1.64 0.00	45.64 1.51 0.00

LUTHERNY_35_KV_BK2 355980	38.66 1.42 0.00	39.06 1.27 0.00	36.32 1.21 0.00	38.92 1.34 0.00	40.38 1.43 0.00	47.10 1.59 0.00	101.76 3.63 0.00	74.47 2.56 0.00	56.02 1.77 0.00	66.99 2.13 0.00	68.68 2.12 0.00	67.73 1.89 0.00	61.14 1.66 0.00	70.41 1.92 0.00	65.44 2.17 0.00	66.54 2.33 0.00	70.57 2.71 0.00	58.08 2.41 0.00	77.36 3.32 0.00	71.99 2.99 0.00	62.07 2.66 0.00	54.22 2.01 0.00	45.19 1.67 0.00	45.68 1.55 0.00
LWR___OSWEGATCHIE_HYD 23850	38.34 1.10 0.00	39.03 1.23 0.00	36.22 1.12 0.00	38.89 1.31 0.00	40.48 1.53 0.00	47.35 1.83 0.00	102.16 4.03 0.00	75.23 3.33 0.00	56.70 2.44 0.00	68.19 3.32 0.00	70.07 3.51 0.00	68.60 2.76 0.00	61.08 1.60 0.00	75.12 3.17 -3.46	65.92 2.65 0.00	67.10 2.89 0.00	70.51 2.65 0.00	57.21 1.54 0.00	75.81 1.78 0.00	69.85 0.84 0.00	59.76 0.34 0.00	53.29 1.09 0.00	44.88 1.36 0.00	45.72 1.59 0.00
LYONS_FALL_HYD 23570	38.02 0.78 0.00	38.64 0.85 0.00	35.86 0.75 0.00	38.54 0.96 0.00	40.12 1.17 0.00	46.84 1.32 0.00	101.52 3.40 0.00	74.72 2.81 0.00	56.38 2.13 0.00	67.60 2.74 0.00	69.51 2.95 0.00	68.04 2.20 0.00	60.61 1.14 0.00	72.34 2.88 -0.97	65.54 2.27 0.00	66.58 2.38 0.00	70.13 2.27 0.00	57.44 1.76 0.00	76.07 2.04 0.00	70.00 0.99 0.00	59.75 0.34 0.00	52.94 0.73 0.00	44.69 1.17 0.00	45.58 1.45 0.00
MADISON___COUNTY_LFGE 323628	38.07 0.83 0.00	38.64 0.85 0.00	35.93 0.82 0.00	38.55 0.97 0.00	40.00 1.05 0.00	46.80 1.29 0.00	101.36 3.24 0.00	74.66 2.53 -0.22	57.51 1.93 -1.32	67.15 2.29 0.00	68.97 2.41 0.00	68.09 2.25 0.00	61.35 1.88 0.00	71.52 2.57 -0.47	67.39 2.24 -1.88	66.30 2.09 0.00	69.91 2.05 0.00	57.48 1.81 0.00	76.15 2.11 0.00	70.70 1.69 0.00	60.69 1.28 0.00	53.44 1.24 0.00	44.65 1.12 0.00	45.37 1.23 0.00
MALONE___115KV_TB1 356076	38.58 1.34 0.00	39.24 1.45 0.00	36.47 1.36 0.00	39.01 1.43 0.00	40.49 1.54 0.00	47.53 2.02 0.00	102.29 4.16 0.00	75.18 3.27 0.00	56.60 2.34 0.00	67.84 2.98 0.00	69.32 2.76 0.00	68.31 2.47 0.00	61.34 1.86 0.00	79.75 1.94 -9.32	65.27 2.00 0.00	66.55 2.34 0.00	70.25 2.39 0.00	56.63 0.96 0.00	74.90 0.86 0.00	69.74 0.73 0.00	60.10 0.68 0.00	53.20 0.99 0.00	44.27 0.75 0.00	44.90 0.77 0.00
MAPLEWOD_115KV_TB3 80458	37.99 0.75 0.00	38.42 0.62 0.00	35.76 0.65 0.00	38.24 0.65 0.00	39.58 0.63 0.00	46.10 0.59 0.00	99.61 1.49 0.00	72.95 1.05 0.00	55.01 0.75 0.00	65.66 0.80 0.00	67.30 0.73 0.00	66.60 0.76 0.00	60.21 0.73 0.00	69.39 0.91 0.00	64.39 1.12 0.00	65.35 1.13 0.00	69.24 1.38 0.00	56.99 1.32 0.00	75.90 1.87 0.00	70.69 1.68 0.00	60.83 1.42 0.00	53.21 1.01 0.00	44.40 0.87 0.00	44.82 0.69 0.00
MAPLE_RIDGE_WT_1 323574	37.19 -0.05 0.00	37.81 0.01 0.00	35.13 0.03 0.00	37.66 0.08 0.00	39.07 0.12 0.00	45.62 0.11 0.00	98.33 0.21 0.00	72.09 0.19 0.00	54.33 0.07 0.00	64.96 0.10 0.00	66.71 0.14 0.00	65.76 -0.09 0.00	59.14 -0.34 0.00	68.47 0.11 0.13	63.35 0.08 0.00	64.31 0.10 0.00	67.78 -0.08 0.00	55.39 -0.29 0.00	73.46 -0.57 0.00	68.25 -0.76 0.00	58.75 -0.66 0.00	51.76 -0.45 0.00	43.25 -0.28 0.00	44.02 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	37.19 -0.05 0.00	37.81 0.01 0.00	35.13 0.03 0.00	37.66 0.08 0.00	39.07 0.12 0.00	45.62 0.11 0.00	98.33 0.21 0.00	72.09 0.19 0.00	54.33 0.07 0.00	64.96 0.10 0.00	66.71 0.14 0.00	65.76 -0.09 0.00	59.14 -0.34 0.00	68.47 0.11 0.13	63.35 0.08 0.00	64.31 0.10 0.00	67.78 -0.08 0.00	55.39 -0.29 0.00	73.46 -0.57 0.00	68.25 -0.76 0.00	58.75 -0.66 0.00	51.76 -0.45 0.00	43.25 -0.28 0.00	44.02 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	37.92 0.67 0.00	38.52 0.72 0.00	35.81 0.70 0.00	38.26 0.67 0.00	39.69 0.74 0.00	46.57 1.06 0.00	100.19 2.07 0.00	73.52 1.62 0.00	55.35 1.09 0.00	66.19 1.33 0.00	67.51 0.95 0.00	66.62 0.78 0.00	59.86 0.38 0.00	67.70 0.13 0.92	63.63 0.36 0.00	64.92 0.71 0.00	68.66 0.81 0.00	55.29 -0.39 0.00	72.98 -1.05 0.00	68.04 -0.97 0.00	58.72 -0.69 0.00	51.94 -0.26 0.00	43.29 -0.24 0.00	43.95 -0.18 0.00
MARSHVLE_115KV_TB1 80742	37.52 0.28 0.00	38.02 0.23 0.00	35.31 0.20 0.00	37.81 0.22 0.00	39.19 0.24 0.00	45.86 0.35 0.00	98.88 0.75 0.00	72.81 0.90 0.00	55.01 0.75 0.00	65.55 0.69 0.00	67.34 0.78 0.00	66.43 0.59 0.00	59.97 0.49 0.00	69.41 0.92 0.00	64.12 0.85 0.00	64.94 0.73 0.00	68.31 0.45 0.00	56.05 0.37 0.00	74.70 0.67 0.00	69.89 0.88 0.00	60.13 0.72 0.00	52.91 0.71 0.00	44.00 0.47 0.00	44.76 0.63 0.00
MARSH_HILL_WT_PWR 323713	36.38 -1.15 -0.29	37.02 -1.04 -0.27	34.17 -1.13 -0.20	36.95 -0.89 -0.25	38.03 -1.08 -0.16	43.85 -1.66 0.00	94.59 -3.92 -0.39	65.64 -4.11 2.16	36.84 -4.05 13.37	63.30 -4.77 -3.21	69.51 -3.82 -6.77	62.68 -3.31 -0.15	56.42 -3.38 -0.32	64.58 -4.17 -0.27	41.30 -5.30 16.67	56.88 -4.62 2.70	64.44 -3.51 -0.09	53.64 -2.32 -0.28	73.15 -2.73 -1.84	65.55 -2.26 1.20	58.17 -1.71 -0.47	51.25 -1.35 -0.40	42.77 -1.16 -0.40	43.84 -0.63 -0.33
MCINTYRE_115KV_TB2 80467	39.09 1.85 0.00	39.83 2.04 0.00	37.01 1.91 0.00	39.65 2.06 0.00	41.20 2.25 0.00	48.32 2.81 0.00	104.04 5.91 0.00	76.54 4.63 0.00	57.57 3.31 0.00	69.19 4.32 0.00	70.95 4.39 0.00	69.97 4.13 0.00	62.67 3.20 0.00	77.34 3.75 -5.10	66.97 3.70 0.00	68.14 3.93 0.00	71.85 3.99 0.00	58.13 2.46 0.00	77.09 3.06 0.00	71.59 2.58 0.00	61.55 2.14 0.00	54.61 2.41 0.00	45.40 1.88 0.00	46.12 1.99 0.00
MECO_____69_KV_BK1 80468	38.45 1.21 0.00	38.91 1.12 0.00	36.14 1.03 0.00	38.69 1.11 0.00	40.11 1.16 0.00	46.98 1.47 0.00	101.61 3.49 0.00	74.84 2.93 0.00	56.49 2.23 0.00	67.44 2.58 0.00	69.08 2.52 0.00	68.06 2.22 0.00	61.43 1.95 0.00	71.07 2.59 0.00	65.78 2.51 0.00	66.65 2.44 0.00	70.44 2.58 0.00	57.93 2.26 0.00	77.15 3.11 0.00	72.07 3.06 0.00	62.00 2.59 0.00	54.33 2.12 0.00	45.12 1.59 0.00	45.76 1.63 0.00
MENANDS___115KV_TB5 355628	37.83 0.59 0.00	38.24 0.45 0.00	35.62 0.51 0.00	38.08 0.50 0.00	39.41 0.46 0.00	45.88 0.37 0.00	99.11 0.99 0.00	72.57 0.66 0.00	54.71 0.46 0.00	65.31 0.45 0.00	66.95 0.38 0.00	66.27 0.43 0.00	59.92 0.44 0.00	69.07 0.58 0.00	64.07 0.80 0.00	65.02 0.81 0.00	68.89 1.03 0.00	56.70 1.03 0.00	75.51 1.47 0.00	70.34 1.33 0.00	60.55 1.14 0.00	52.95 0.75 0.00	44.18 0.66 0.00	44.61 0.48 0.00
MG INDUSTRY___DRP 24185	37.80 0.55 0.00	38.30 0.50 0.00	35.65 0.54 0.00	38.11 0.52 0.00	39.44 0.49 0.00	45.96 0.45 0.00	99.19 1.07 0.00	72.61 0.71 0.00	54.77 0.51 0.00	65.38 0.52 0.00	66.99 0.43 0.00	66.31 0.47 0.00	59.91 0.43 0.00	69.11 0.62 0.00	63.97 0.70 0.00	64.94 0.73 0.00	68.77 0.91 0.00	56.53 0.86 0.00	75.28 1.25 0.00	70.20 1.18 0.00	60.48 1.06 0.00	52.97 0.76 0.00	44.18 0.66 0.00	44.67 0.54 0.00

MID___OSWEGATCHIE_HYD 23849	38.34 1.10 0.00	39.03 1.23 0.00	36.22 1.12 0.00	38.89 1.31 0.00	40.48 1.53 0.00	47.35 1.83 0.00	102.16 4.03 0.00	75.23 3.33 0.00	56.70 2.44 0.00	68.19 3.32 0.00	70.07 3.51 0.00	68.60 2.76 0.00	61.08 1.60 0.00	75.12 3.17 -3.46	65.92 2.65 0.00	67.10 2.89 0.00	70.51 2.65 0.00	57.21 1.54 0.00	75.81 1.78 0.00	69.85 0.84 0.00	59.76 0.34 0.00	53.29 1.09 0.00	44.88 1.36 0.00	45.72 1.59 0.00
MID___RAQUETTE_HYD 23851	38.60 1.36 0.00	39.30 1.51 0.00	36.51 1.41 0.00	39.12 1.53 0.00	40.64 1.69 0.00	47.63 2.12 0.00	102.26 4.14 0.00	75.17 3.26 0.00	56.59 2.33 0.00	68.13 3.28 0.00	69.86 3.30 0.00	68.80 2.96 0.00	61.66 2.18 0.00	76.39 2.80 -5.11	65.93 2.66 0.00	67.10 2.89 0.00	70.52 2.66 0.00	56.95 1.28 0.00	75.48 1.45 0.00	70.05 1.05 0.00	60.21 0.80 0.00	53.64 1.43 0.00	44.83 1.30 0.00	45.53 1.40 0.00
MILLIKEN___1 23584	37.61 0.37 0.00	38.20 0.40 0.00	35.37 0.27 0.00	37.93 0.34 0.00	39.30 0.35 0.00	45.95 0.43 0.00	99.29 1.17 0.00	75.99 0.89 -3.19	74.14 0.68 -19.20	65.65 0.79 0.00	67.43 0.87 0.00	66.77 0.93 0.00	60.43 0.96 0.00	71.61 1.06 -2.07	101.33 0.58 -37.48	78.43 0.47 -13.75	68.36 0.50 0.00	56.31 0.64 0.00	75.05 1.01 0.00	72.41 1.10 -2.30	60.33 0.91 0.00	52.92 0.72 0.00	44.17 0.64 0.00	44.82 0.68 0.00
MILLIKEN___2 23585	37.61 0.37 0.00	38.20 0.40 0.00	35.37 0.27 0.00	37.93 0.34 0.00	39.30 0.35 0.00	45.95 0.43 0.00	99.29 1.17 0.00	75.99 0.89 -3.19	74.14 0.68 -19.20	65.65 0.79 0.00	67.43 0.87 0.00	66.77 0.93 0.00	60.43 0.96 0.00	71.61 1.06 -2.07	101.33 0.58 -37.48	78.43 0.47 -13.75	68.36 0.50 0.00	56.31 0.64 0.00	75.05 1.01 0.00	72.41 1.10 -2.30	60.33 0.91 0.00	52.92 0.72 0.00	44.17 0.64 0.00	44.82 0.68 0.00
MILLIKEN___DIESEL 23629	37.61 0.37 0.00	38.20 0.40 0.00	35.37 0.27 0.00	37.93 0.34 0.00	39.30 0.35 0.00	45.95 0.43 0.00	99.29 1.17 0.00	75.99 0.89 -3.19	74.14 0.68 -19.20	65.65 0.79 0.00	67.43 0.87 0.00	66.77 0.93 0.00	60.43 0.96 0.00	71.61 1.06 -2.07	101.33 0.58 -37.48	78.43 0.47 -13.75	68.36 0.50 0.00	56.31 0.64 0.00	75.05 1.01 0.00	72.41 1.10 -2.30	60.33 0.91 0.00	52.92 0.72 0.00	44.17 0.64 0.00	44.82 0.68 0.00
MILLSEAT___LFGE 323607	36.08 -0.70 0.46	37.09 -0.29 0.42	34.35 -0.44 0.32	37.05 -0.13 0.40	38.44 -0.25 0.26	45.39 -0.12 0.00	95.14 -2.37 0.61	67.84 -3.14 0.93	47.06 -2.24 4.96	63.05 -1.95 -0.14	64.66 -1.71 0.19	64.52 -1.10 0.22	57.46 -1.52 0.50	65.27 -2.17 1.04	49.78 -2.68 10.81	57.39 -2.35 4.46	64.41 -3.31 0.13	52.39 -2.83 0.46	69.45 -3.69 0.89	64.51 -3.28 1.22	56.14 -2.65 0.63	49.44 -2.13 0.63	41.49 -1.40 0.63	43.20 -0.40 0.53
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.78 1.54 0.00	39.13 1.34 0.00	36.31 1.20 0.00	38.71 1.13 0.00	40.08 1.13 0.00	46.85 1.34 0.00	101.61 3.48 0.00	74.34 2.44 0.00	56.35 2.09 0.00	67.12 2.25 0.00	69.02 2.45 0.00	68.60 2.75 0.00	62.58 3.11 0.00	72.15 3.67 0.00	66.31 3.04 0.00	67.10 2.90 0.00	71.07 3.21 0.00	58.44 2.76 0.00	77.94 3.90 0.00	72.72 3.71 0.00	62.46 3.05 0.00	54.90 2.70 0.00	45.80 2.27 0.00	46.25 2.12 0.00
MILLWOOD_13_KV_LOAD 356217	38.87 1.62 0.00	39.21 1.42 0.00	36.37 1.26 0.00	38.78 1.20 0.00	40.15 1.20 0.00	46.94 1.43 0.00	101.84 3.72 0.00	74.52 2.62 0.00	56.48 2.23 0.00	67.31 2.44 0.00	69.21 2.65 0.00	68.78 2.94 0.00	62.75 3.27 0.00	72.33 3.84 0.00	66.47 3.20 0.00	67.29 3.08 0.00	71.23 3.38 0.00	58.58 2.91 0.00	78.15 4.12 0.00	72.89 3.88 0.00	62.61 3.20 0.00	55.02 2.81 0.00	45.89 2.37 0.00	46.35 2.21 0.00
MODEL_CITY_ENERGY 24167	35.00 -1.68 0.56	36.11 -1.17 0.51	33.46 -1.25 0.39	36.11 -0.98 0.49	37.47 -1.17 0.31	44.26 -1.26 0.00	91.72 -5.66 0.75	64.77 -6.09 1.05	44.32 -4.43 5.51	60.31 -4.55 0.00	61.63 -4.36 0.57	62.00 -3.57 0.27	55.05 -3.83 0.61	62.33 -4.87 1.29	45.60 -5.04 12.63	54.03 -4.72 5.46	61.60 -6.10 0.16	49.86 -5.25 0.56	65.96 -6.94 1.13	61.32 -6.27 1.42	53.54 -5.11 0.76	47.25 -4.18 0.77	39.83 -2.93 0.77	41.81 -1.67 0.65
MODERN_LFGE___ 323580	35.00 -1.68 0.56	36.11 -1.17 0.51	33.46 -1.25 0.39	36.11 -0.98 0.49	37.47 -1.17 0.31	44.26 -1.26 0.00	91.72 -5.66 0.75	64.77 -6.09 1.05	44.32 -4.43 5.51	60.31 -4.55 0.00	61.63 -4.36 0.57	62.00 -3.57 0.27	55.05 -3.83 0.61	62.33 -4.87 1.29	45.60 -5.04 12.63	54.03 -4.72 5.46	61.60 -6.10 0.16	49.86 -5.25 0.56	65.96 -6.94 1.13	61.32 -6.27 1.42	53.54 -5.11 0.76	47.25 -4.18 0.77	39.83 -2.93 0.77	41.81 -1.67 0.65
MOHAWK_PAPER___DRP 24187	37.99 0.75 0.00	38.42 0.62 0.00	35.76 0.65 0.00	38.24 0.65 0.00	39.58 0.63 0.00	46.10 0.59 0.00	99.61 1.49 0.00	72.95 1.05 0.00	55.01 0.75 0.00	65.66 0.80 0.00	67.30 0.73 0.00	66.60 0.76 0.00	60.21 0.73 0.00	69.39 0.91 0.00	64.39 1.12 0.00	65.35 1.13 0.00	69.24 1.38 0.00	56.99 1.32 0.00	75.90 1.87 0.00	70.69 1.68 0.00	60.83 1.42 0.00	53.21 1.01 0.00	44.40 0.87 0.00	44.82 0.69 0.00
MOHICAN___35_KV_115KV_LD 80490	38.80 1.56 0.00	39.12 1.33 0.00	36.40 1.30 0.00	39.03 1.45 0.00	40.47 1.52 0.00	47.19 1.68 0.00	102.26 4.13 0.00	74.99 3.09 0.00	56.06 1.80 0.00	67.11 2.25 0.00	68.70 2.14 0.00	67.66 1.82 0.00	60.93 1.45 0.00	70.30 1.82 0.00	65.50 2.23 0.00	66.75 2.54 0.00	70.93 3.08 0.00	58.42 2.75 0.00	77.65 3.62 0.00	72.25 3.24 0.00	62.18 2.77 0.00	54.37 2.17 0.00	45.36 1.84 0.00	45.76 1.63 0.00
MONGAUP___HYD 23641	39.04 1.80 0.00	39.43 1.63 0.00	36.57 1.46 0.00	39.03 1.45 0.00	40.43 1.49 0.00	47.30 1.79 0.00	102.61 4.48 0.00	75.13 3.23 0.00	56.89 2.63 0.00	67.71 2.85 0.00	69.55 2.99 0.00	69.01 3.17 0.00	62.80 3.32 0.00	72.57 4.08 0.00	66.63 3.36 0.00	67.48 3.27 0.00	71.43 3.57 0.00	58.77 3.10 0.00	78.59 4.56 0.00	73.37 4.36 0.00	63.07 3.66 0.00	55.35 3.15 0.00	46.13 2.61 0.00	46.56 2.43 0.00
MONTAUK___DIESEL 23721	-29.95 0.62 67.81	-64.93 0.80 103.52	-35.72 0.25 71.08	-49.89 0.12 87.59	-20.52 -0.19 59.29	45.93 1.00 0.59	69.43 4.25 32.94	76.07 4.16 0.00	57.82 3.56 0.00	68.74 3.87 0.00	70.23 3.66 0.00	69.88 4.04 0.00	63.89 4.41 0.00	71.57 4.51 1.43	50.47 0.30 13.10	18.79 -0.13 45.29	22.31 0.08 45.63	40.08 1.01 16.61	78.30 4.94 0.67	54.04 4.26 19.24	60.03 3.87 3.25	19.66 1.50 34.04	-56.20 1.07 100.79	40.38 1.75 5.50
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.08 -1.16 0.00	36.93 -0.87 0.00	33.93 -1.18 0.00	36.59 -1.00 0.00	37.99 -0.95 0.00	44.28 -1.23 0.00	93.26 -4.86 0.00	65.15 -5.63 1.13	43.05 -4.43 6.78	60.68 -4.18 0.00	61.76 -4.81 0.00	61.53 -4.31 0.00	55.19 -4.29 0.00	62.12 -5.64 0.73	42.38 -5.86 15.02	52.79 -4.76 6.66	63.96 -3.89 0.00	53.21 -2.46 0.00	71.40 -2.63 0.00	66.07 -1.82 1.12	58.21 -1.20 0.00	51.16 -1.05 0.00	42.15 -1.37 0.00	42.51 -1.62 0.00

MORRIS_RIDGE___SOLAR 323848	36.17 -1.39 -0.31	36.87 -1.21 -0.29	33.97 -1.36 -0.22	36.75 -1.11 -0.28	37.86 -1.27 -0.18	43.84 -1.67 0.00	94.23 -4.32 -0.42	66.10 -4.33 1.47	40.91 -4.05 9.30	54.31 -4.67 5.88	50.73 -4.30 11.53	62.26 -3.71 -0.12	56.27 -3.55 -0.34	60.76 -4.64 3.09	16.21 -5.48 41.58	31.61 -5.09 27.51	63.20 -4.74 -0.09	52.42 -3.57 -0.31	71.61 -4.41 -1.99	64.95 -3.45 0.61	57.45 -2.47 -0.51	50.55 -2.09 -0.43	42.37 -1.58 -0.43	43.58 -0.92 -0.36
MORTIMER_115KV_TB3 55949	36.55 -0.69 0.00	37.30 -0.50 0.00	34.51 -0.59 0.00	37.16 -0.42 0.00	38.45 -0.50 0.00	45.06 -0.45 0.00	96.34 -1.79 0.00	69.52 -1.83 0.56	49.53 -1.35 3.37	64.02 -1.16 -0.32	66.19 -1.02 -0.64	65.12 -0.72 0.00	58.67 -0.81 0.00	67.07 -1.19 0.23	55.44 -1.61 6.21	60.42 -1.50 2.29	65.94 -1.92 0.00	54.14 -1.53 0.00	72.02 -2.01 0.00	66.63 -1.82 0.56	57.94 -1.47 0.00	50.97 -1.23 0.00	42.65 -0.88 0.00	43.68 -0.46 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.01 1.77 0.00	39.38 1.58 0.00	36.53 1.42 0.00	38.92 1.34 0.00	40.31 1.36 0.00	47.14 1.63 0.00	102.20 4.08 0.00	74.82 2.91 0.00	56.75 2.49 0.00	67.62 2.76 0.00	69.54 2.97 0.00	69.11 3.28 0.00	63.07 3.59 0.00	72.73 4.25 0.00	66.82 3.55 0.00	67.63 3.42 0.00	71.66 3.81 0.00	58.89 3.22 0.00	78.53 4.50 0.00	73.23 4.22 0.00	62.89 3.48 0.00	55.31 3.11 0.00	46.14 2.61 0.00	46.57 2.44 0.00
MUNSVILLE_WIND_PWR 323609	38.87 1.38 -0.25	39.51 1.49 -0.23	36.66 1.38 -0.17	39.52 1.72 -0.22	40.93 1.84 -0.14	47.29 1.78 0.00	103.99 5.54 -0.33	77.24 3.60 -1.73	66.48 2.15 -10.07	66.18 1.54 0.23	68.77 2.41 0.20	68.07 2.11 -0.12	62.37 2.62 -0.27	73.01 3.23 -1.30	85.09 2.71 -19.11	72.66 1.95 -6.50	69.34 1.41 -0.07	57.30 1.38 -0.25	77.00 2.46 -0.50	73.17 2.58 -1.58	62.31 2.56 -0.34	54.85 2.30 -0.34	46.57 2.70 -0.34	47.29 2.87 -0.29
N SALMON___HYD 24042	38.58 1.34 0.00	39.24 1.45 0.00	36.47 1.36 0.00	39.01 1.43 0.00	40.48 1.54 0.00	47.53 2.02 0.00	102.29 4.17 0.00	75.18 3.27 0.00	56.60 2.34 0.00	67.84 2.98 0.00	69.33 2.76 0.00	68.31 2.47 0.00	61.35 1.87 0.00	79.74 1.93 -9.32	65.27 2.00 0.00	66.55 2.34 0.00	70.25 2.39 0.00	56.63 0.95 0.00	74.90 0.86 0.00	69.74 0.73 0.00	60.10 0.68 0.00	53.20 0.99 0.00	44.27 0.75 0.00	44.90 0.77 0.00
N.AKRON__115KV_KNAPP 355671	36.34 -0.90 0.00	37.35 -0.45 0.00	34.51 -0.59 0.00	37.30 -0.29 0.00	38.53 -0.43 0.00	45.18 -0.33 0.00	95.04 -3.09 0.00	67.34 -3.74 0.84	46.51 -2.71 5.03	62.34 -2.52 0.00	64.27 -2.29 0.00	64.21 -1.63 0.00	57.44 -2.04 0.00	65.17 -2.78 0.54	48.88 -3.20 11.19	56.44 -2.84 4.93	63.92 -3.94 0.00	52.28 -3.39 0.00	69.59 -4.44 0.00	64.26 -3.91 0.84	56.21 -3.20 0.00	49.64 -2.56 0.00	41.82 -1.71 0.00	43.50 -0.63 0.00
N.E_GEN_SANDY PD 24062	38.86 0.99 -0.62	38.17 0.71 0.34	35.90 0.80 0.00	38.46 0.87 0.00	39.82 0.87 0.00	45.04 0.76 1.23	99.88 1.83 0.07	72.98 1.07 0.00	54.88 0.62 0.00	65.48 0.62 0.00	67.11 0.54 0.00	66.38 0.54 0.00	59.96 0.48 0.00	69.13 0.64 0.00	64.29 1.02 0.00	65.33 1.12 0.00	69.27 1.41 0.00	58.56 1.45 -1.44	76.13 2.09 0.00	70.86 1.85 0.00	61.07 1.66 0.00	53.19 1.03 0.04	43.87 0.93 0.59	44.84 0.71 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.82 1.58 0.00	39.16 1.37 0.00	36.34 1.23 0.00	38.75 1.17 0.00	40.13 1.18 0.00	46.89 1.38 0.00	101.79 3.66 0.00	74.42 2.51 0.00	56.38 2.12 0.00	67.15 2.29 0.00	69.07 2.51 0.00	68.67 2.83 0.00	62.69 3.22 0.00	72.27 3.78 0.00	66.40 3.13 0.00	67.17 2.96 0.00	71.09 3.23 0.00	58.48 2.81 0.00	78.02 3.98 0.00	72.82 3.81 0.00	62.55 3.14 0.00	54.98 2.77 0.00	45.84 2.32 0.00	46.31 2.18 0.00
N.QUEENS_27_KV_LOAD 356247	39.03 1.78 0.00	39.27 1.48 0.00	36.48 1.38 0.00	38.80 1.22 0.00	40.21 1.26 0.00	47.06 1.55 0.00	102.00 3.88 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.60 2.74 0.00	69.52 2.96 0.00	69.08 3.24 0.00	63.06 3.58 0.00	72.69 4.20 0.00	66.79 3.52 0.00	67.59 3.38 0.00	71.61 3.75 0.00	58.83 3.16 0.00	78.47 4.43 0.00	73.13 4.12 0.00	62.82 3.41 0.00	55.33 3.13 0.00	46.17 2.64 0.00	46.57 2.44 0.00
N.TROY___115KV_TB1 355778	38.24 1.00 0.00	38.59 0.80 0.00	35.93 0.82 0.00	38.47 0.89 0.00	39.84 0.89 0.00	46.39 0.88 0.00	100.23 2.11 0.00	73.30 1.39 0.00	55.19 0.93 0.00	65.88 1.03 0.00	67.53 0.97 0.00	66.77 0.93 0.00	60.31 0.83 0.00	69.47 0.98 0.00	64.55 1.28 0.00	65.59 1.38 0.00	69.53 1.67 0.00	57.25 1.57 0.00	76.26 2.23 0.00	70.98 1.97 0.00	61.11 1.70 0.00	53.40 1.20 0.00	44.55 1.02 0.00	45.00 0.86 0.00
NARROWS_GT1_1 24228	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT1_2 24229	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT1_3 24230	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT1_4 24231	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT1_5 24232	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00

NARROWS_GT1_6 24233	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT1_7 24234	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT1_8 24235	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_1 24236	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_2 24237	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_3 24238	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_4 24239	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_5 24240	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_6 24241	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_7 24242	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NARROWS_GT2_8 24243	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.44 4.32 0.00	75.03 3.12 0.00	56.87 2.61 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.20 3.72 0.00	72.88 4.40 0.00	66.94 3.67 0.00	67.75 3.54 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.65 4.62 0.00	73.36 4.35 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.14 0.90 0.00	38.62 0.82 0.00	35.96 0.85 0.00	38.44 0.85 0.00	39.79 0.85 0.00	46.41 0.90 0.00	100.39 2.27 0.00	73.76 1.85 0.00	55.66 1.40 0.00	66.53 1.67 0.00	68.13 1.57 0.00	67.35 1.51 0.00	60.63 1.15 0.00	69.97 1.48 0.00	65.02 1.75 0.00	66.05 1.84 0.00	70.04 2.18 0.00	57.63 1.95 0.00	76.78 2.75 0.00	71.44 2.43 0.00	61.48 2.07 0.00	53.68 1.48 0.00	44.69 1.17 0.00	45.08 0.95 0.00
NCHELSEA_115KV_TR2 355582	38.97 1.73 0.00	39.34 1.55 0.00	36.52 1.41 0.00	38.95 1.36 0.00	40.34 1.39 0.00	47.17 1.66 0.00	102.28 4.15 0.00	74.91 3.00 0.00	56.73 2.48 0.00	67.62 2.76 0.00	69.52 2.96 0.00	69.06 3.22 0.00	62.85 3.37 0.00	72.53 4.04 0.00	66.70 3.44 0.00	67.53 3.32 0.00	71.51 3.66 0.00	58.82 3.15 0.00	78.44 4.41 0.00	73.16 4.15 0.00	62.86 3.44 0.00	55.21 3.01 0.00	46.03 2.51 0.00	46.47 2.34 0.00
NEG CAPITAL___MECHNVIL 23645	38.71 1.47 0.00	39.09 1.29 0.00	36.36 1.26 0.00	38.95 1.36 0.00	40.38 1.43 0.00	47.08 1.57 0.00	101.80 3.68 0.00	74.55 2.64 0.00	56.07 1.81 0.00	67.03 2.16 0.00	68.66 2.10 0.00	67.81 1.97 0.00	61.21 1.73 0.00	70.50 2.01 0.00	65.54 2.27 0.00	66.63 2.42 0.00	70.66 2.80 0.00	58.19 2.51 0.00	77.47 3.44 0.00	72.12 3.11 0.00	62.11 2.70 0.00	54.26 2.05 0.00	45.23 1.71 0.00	45.68 1.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.93 -1.31 0.00	36.61 -1.18 0.00	33.89 -1.22 0.00	36.45 -1.14 0.00	37.75 -1.20 0.00	44.23 -1.29 0.00	94.81 -3.31 0.00	68.77 -2.77 0.37	49.99 -2.02 2.24	62.99 -2.09 -0.22	65.01 -1.99 -0.44	64.09 -1.75 0.00	57.79 -1.69 0.00	66.16 -2.17 0.15	56.67 -2.42 4.18	60.29 -2.32 1.61	65.12 -2.74 0.00	53.53 -2.14 0.00	71.22 -2.81 0.00	66.03 -2.59 0.40	57.21 -2.20 0.00	50.28 -1.92 0.00	42.00 -1.52 0.00	42.89 -1.24 0.00

NEG CENTRAL___DRP 24199	36.87 -0.38 0.00	37.47 -0.33 0.00	34.68 -0.43 0.00	37.24 -0.34 0.00	38.58 -0.37 0.00	45.12 -0.39 0.00	97.14 -0.98 0.00	70.50 -0.84 0.57	50.10 -0.73 3.43	64.47 -0.69 -0.30	66.56 -0.61 -0.60	65.44 -0.41 0.00	59.14 -0.33 0.00	67.57 -0.67 0.25	55.87 -1.09 6.31	60.69 -1.05 2.46	66.88 -0.98 0.00	55.06 -0.61 0.00	73.15 -0.89 0.00	67.94 -0.53 0.54	59.05 -0.37 0.00	51.84 -0.37 0.00	43.28 -0.24 0.00	44.06 -0.07 0.00
NEG CENTRAL___INDECK 23768	37.61 0.19 -0.18	38.31 0.36 -0.16	35.38 0.15 -0.12	38.18 0.44 -0.15	39.46 0.41 -0.10	46.04 0.53 0.00	99.09 0.73 -0.24	70.57 -0.02 1.32	45.74 -0.32 8.20	68.36 -0.10 -3.60	74.33 0.32 -7.44	66.49 0.55 -0.10	59.65 -0.02 -0.19	68.98 -0.35 -0.85	57.61 -1.22 4.44	66.70 -0.86 -3.35	67.30 -0.61 -0.05	55.68 -0.16 -0.17	75.44 0.10 -1.30	68.68 0.38 0.71	60.37 0.66 -0.29	53.03 0.59 -0.25	44.27 0.50 -0.24	45.28 0.94 -0.20
NEG CENTRAL___SENECA 23627	36.83 -0.41 0.00	37.46 -0.33 0.00	34.66 -0.44 0.00	37.27 -0.31 0.00	38.59 -0.36 0.00	45.12 -0.38 0.00	97.01 -1.11 0.00	69.76 -1.05 1.10	46.68 -0.97 6.61	64.46 -0.86 -0.46	66.74 -0.75 -0.93	65.40 -0.45 0.00	59.09 -0.39 0.00	67.09 -0.87 0.52	49.44 -1.41 12.42	58.00 -1.32 4.89	66.64 -1.22 0.00	54.85 -0.83 0.00	72.79 -1.24 0.00	67.27 -0.73 1.01	58.94 -0.47 0.00	51.78 -0.42 0.00	43.27 -0.25 0.00	44.13 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	37.07 -0.17 0.00	37.72 -0.07 0.00	34.87 -0.24 0.00	37.38 -0.20 0.00	38.73 -0.22 0.00	45.30 -0.21 0.00	97.71 -0.42 0.00	71.99 -0.31 -0.40	56.42 -0.25 -2.41	64.73 -0.13 0.00	66.37 -0.19 0.00	65.73 -0.11 0.00	59.46 -0.02 0.00	68.57 -0.18 -0.26	67.32 -0.47 -4.52	65.19 -0.51 -1.49	67.53 -0.33 0.00	55.67 0.00 0.00	73.89 -0.15 0.00	69.39 0.14 0.00	59.52 0.11 0.00	52.22 0.01 0.00	43.59 0.07 0.00	44.24 0.11 0.00
NEG MILLWOOD___DRP 24198	39.03 1.79 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.97 1.39 0.00	40.37 1.42 0.00	47.21 1.70 0.00	102.46 4.33 0.00	75.05 3.14 0.00	56.88 2.63 0.00	67.80 2.94 0.00	69.71 3.15 0.00	69.22 3.38 0.00	63.05 3.57 0.00	72.73 4.25 0.00	66.88 3.61 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.99 3.32 0.00	78.70 4.67 0.00	73.37 4.36 0.00	63.01 3.60 0.00	55.33 3.13 0.00	46.13 2.61 0.00	46.56 2.43 0.00
NEG NORTH_FLCN_SEA 23793	38.15 0.91 0.00	38.68 0.88 0.00	35.97 0.87 0.00	38.44 0.86 0.00	39.88 0.93 0.00	46.77 1.25 0.00	100.40 2.28 0.00	73.70 1.79 0.00	55.44 1.19 0.00	66.23 1.37 0.00	67.54 0.98 0.00	66.69 0.85 0.00	59.93 0.45 0.00	67.76 0.26 0.99	63.72 0.45 0.00	65.07 0.86 0.00	68.88 1.02 0.00	55.49 -0.18 0.00	73.26 -0.78 0.00	68.19 -0.82 0.00	58.83 -0.58 0.00	52.20 0.00 0.00	43.55 0.02 0.00	44.18 0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	38.01 0.77 0.00	38.64 0.85 0.00	35.91 0.81 0.00	38.39 0.81 0.00	39.83 0.88 0.00	46.73 1.21 0.00	100.56 2.44 0.00	73.81 1.90 0.00	55.55 1.29 0.00	66.46 1.60 0.00	67.80 1.24 0.00	66.86 1.02 0.00	60.06 0.58 0.00	67.30 0.34 1.52	63.80 0.53 0.00	65.13 0.92 0.00	68.85 0.99 0.00	55.48 -0.19 0.00	73.30 -0.73 0.00	68.35 -0.66 0.00	58.96 -0.46 0.00	52.16 -0.04 0.00	43.42 -0.11 0.00	44.07 -0.06 0.00
NEG NORTH___ALICE_FALLS 23915	38.37 1.13 0.00	38.93 1.13 0.00	36.18 1.08 0.00	38.68 1.09 0.00	40.14 1.18 0.00	47.10 1.59 0.00	101.33 3.21 0.00	74.41 2.50 0.00	55.98 1.72 0.00	66.88 2.01 0.00	68.23 1.67 0.00	67.34 1.49 0.00	60.49 1.01 0.00	68.25 0.85 1.09	64.26 1.00 0.00	65.65 1.44 0.00	69.49 1.63 0.00	56.04 0.37 0.00	74.05 0.01 0.00	68.95 -0.06 0.00	59.47 0.05 0.00	52.66 0.45 0.00	43.84 0.32 0.00	44.47 0.34 0.00
NEG NORTH___LWR_SARANAC 23913	38.37 1.13 0.00	38.93 1.13 0.00	36.18 1.08 0.00	38.68 1.09 0.00	40.14 1.18 0.00	47.10 1.59 0.00	101.33 3.21 0.00	74.41 2.50 0.00	55.98 1.72 0.00	66.88 2.01 0.00	68.23 1.67 0.00	67.34 1.49 0.00	60.49 1.01 0.00	68.25 0.85 1.09	64.26 1.00 0.00	65.65 1.44 0.00	69.49 1.63 0.00	56.04 0.37 0.00	74.05 0.01 0.00	68.95 -0.06 0.00	59.47 0.05 0.00	52.66 0.45 0.00	43.84 0.32 0.00	44.47 0.34 0.00
NEG NORTH___PLATTSBURG 23628	38.37 1.13 0.00	38.93 1.13 0.00	36.18 1.08 0.00	38.68 1.10 0.00	40.14 1.19 0.00	47.09 1.59 0.00	101.33 3.21 0.00	74.41 2.50 0.00	55.98 1.72 0.00	66.88 2.01 0.00	68.23 1.67 0.00	67.33 1.49 0.00	60.48 1.01 0.00	68.25 0.85 1.09	64.27 1.00 0.00	65.65 1.44 0.00	69.49 1.63 0.00	56.04 0.37 0.00	74.05 0.01 0.00	68.95 -0.06 0.00	59.47 0.05 0.00	52.66 0.45 0.00	43.84 0.32 0.00	44.47 0.34 0.00
NEG WEST_LEA_LOCKPORT 23791	35.78 -1.46 0.00	36.82 -0.97 0.00	34.02 -1.09 0.00	36.80 -0.78 0.00	37.99 -0.96 0.00	44.48 -1.03 0.00	93.30 -4.82 0.00	65.75 -5.26 0.89	44.93 -3.97 5.36	60.89 -3.97 0.00	62.79 -3.78 0.00	62.80 -3.04 0.00	56.23 -3.25 0.00	63.68 -4.23 0.58	46.72 -4.60 11.95	54.72 -4.23 5.26	62.39 -5.47 0.00	50.99 -4.68 0.00	67.89 -6.14 0.00	62.68 -5.44 0.89	54.97 -4.45 0.00	48.64 -3.56 0.00	41.07 -2.46 0.00	42.84 -1.30 0.00
NEG WEST___LANCASTER 23811	35.90 -1.34 0.00	36.86 -0.94 0.00	34.02 -1.09 0.00	36.77 -0.81 0.00	37.86 -1.09 0.00	44.16 -1.35 0.00	94.03 -4.09 0.00	66.44 -4.37 1.10	44.07 -3.55 6.64	61.28 -3.58 0.00	63.12 -3.44 0.00	63.12 -2.72 0.00	56.92 -2.56 0.00	64.30 -3.47 0.72	44.33 -4.17 14.76	53.59 -4.09 6.53	63.07 -4.79 0.00	51.93 -3.74 0.00	69.02 -5.02 0.00	63.80 -4.11 1.10	56.30 -3.11 0.00	49.65 -2.55 0.00	41.71 -1.82 0.00	43.17 -0.97 0.00
NEG_PENN_ALLEGHNY 23528	37.58 0.04 -0.30	38.12 0.05 -0.27	35.31 -0.01 -0.21	37.91 0.06 -0.27	39.13 0.01 -0.17	45.47 -0.05 0.00	98.73 0.21 -0.40	71.64 0.00 0.27	52.04 -0.14 2.08	64.27 -0.08 0.51	65.82 -0.03 0.72	66.20 0.22 -0.14	60.21 0.40 -0.33	68.78 0.36 0.06	57.50 -0.24 5.53	60.73 -0.35 3.12	67.68 -0.26 -0.09	55.86 -0.11 -0.30	75.25 1.22 0.00	70.22 1.21 0.00	60.20 0.41 -0.37	52.90 0.29 -0.41	44.22 0.28 -0.41	44.89 0.41 -0.35
NEG___GEN_MONROE 24207	36.78 -0.46 0.00	37.58 -0.21 0.00	34.85 -0.25 0.00	37.51 -0.07 0.00	38.86 -0.09 0.00	45.57 0.06 0.00	97.43 -0.69 0.00	69.87 -1.47 0.57	49.72 -1.09 3.45	64.40 -0.77 -0.31	66.58 -0.61 -0.62	65.60 -0.25 0.00	58.98 -0.50 0.00	67.39 -0.85 0.24	55.51 -1.33 6.43	60.65 -1.16 2.40	66.22 -1.64 0.00	54.35 -1.32 0.00	72.36 -1.67 0.00	66.95 -1.49 0.58	58.21 -1.20 0.00	51.20 -1.01 0.00	42.85 -0.68 0.00	43.97 -0.16 0.00
NEPA___ENERGY 23901	35.80 -1.44 0.00	36.65 -1.14 0.00	33.83 -1.27 0.00	36.55 -1.03 0.00	37.69 -1.26 0.00	43.95 -1.56 0.00	93.88 -4.25 0.00	66.29 -4.53 1.09	43.78 -3.94 6.54	61.11 -3.75 0.00	62.59 -3.97 0.00	62.62 -3.22 0.00	56.64 -2.84 0.00	63.90 -3.88 0.71	43.96 -4.76 14.55	53.34 -4.43 6.44	63.40 -4.46 0.00	52.03 -3.64 0.00	69.61 -4.42 0.00	64.45 -3.47 1.09	56.88 -2.54 0.00	50.02 -2.19 0.00	41.75 -1.78 0.00	42.95 -1.18 0.00

NEVERSINK___HYD 23608	38.47 1.23 0.00	38.90 1.10 0.00	36.08 0.97 0.00	38.52 0.94 0.00	39.94 0.99 0.00	46.71 1.20 0.00	101.29 3.16 0.00	74.20 2.30 0.00	56.19 1.93 0.00	66.96 2.10 0.00	68.85 2.29 0.00	68.35 2.50 0.00	62.25 2.77 0.00	71.78 3.30 0.00	65.95 2.68 0.00	66.75 2.54 0.00	70.63 2.77 0.00	58.10 2.43 0.00	77.47 3.44 0.00	72.30 3.29 0.00	62.11 2.71 0.00	54.52 2.32 0.00	45.41 1.89 0.00	45.89 1.76 0.00
NEWKRMKL_115KV_TB1 55635	37.52 0.27 0.00	37.98 0.18 0.00	35.37 0.27 0.00	37.79 0.20 0.00	39.08 0.13 0.00	45.51 0.00 0.00	98.34 0.22 0.00	72.03 0.12 0.00	54.35 0.09 0.00	64.87 0.01 0.00	66.50 -0.06 0.00	65.84 0.00 0.00	59.55 0.07 0.00	68.68 0.19 0.00	63.66 0.39 0.00	64.60 0.39 0.00	68.43 0.57 0.00	56.30 0.63 0.00	74.99 0.95 0.00	69.85 0.84 0.00	60.13 0.71 0.00	52.59 0.39 0.00	43.87 0.35 0.00	44.29 0.16 0.00
NEWTON___FALLS_HYD 23847	38.34 1.10 0.00	39.03 1.23 0.00	36.22 1.12 0.00	38.89 1.31 0.00	40.48 1.53 0.00	47.35 1.83 0.00	102.16 4.03 0.00	75.23 3.33 0.00	56.70 2.44 0.00	68.19 3.32 0.00	70.07 3.51 0.00	68.60 2.76 0.00	61.08 1.60 0.00	75.12 3.17 -3.46	65.92 2.65 0.00	67.10 2.89 0.00	70.51 2.65 0.00	57.21 1.54 0.00	75.81 1.78 0.00	69.85 0.84 0.00	59.76 0.34 0.00	53.29 1.09 0.00	44.88 1.36 0.00	45.72 1.59 0.00
NGRID_A1_DSASP 323792	34.76 -1.87 0.60	35.87 -1.38 0.55	33.21 -1.48 0.42	35.90 -1.16 0.53	37.24 -1.36 0.34	43.98 -1.54 0.00	91.17 -6.15 0.81	64.43 -6.41 1.07	43.87 -4.78 5.61	60.01 -4.85 0.00	61.19 -4.75 0.62	61.49 -4.07 0.29	54.88 -3.94 0.66	62.08 -5.05 1.35	44.98 -5.39 12.91	53.45 -5.19 5.57	61.10 -6.58 0.18	49.56 -5.51 0.60	65.38 -7.40 1.26	60.89 -6.63 1.49	53.21 -5.38 0.83	47.02 -4.35 0.83	39.79 -2.90 0.83	41.71 -1.72 0.70
NGRID_A2_DSASP 323793	34.76 -1.87 0.60	35.87 -1.38 0.55	33.21 -1.48 0.42	35.90 -1.16 0.53	37.24 -1.36 0.34	43.98 -1.54 0.00	91.17 -6.15 0.81	64.48 -6.41 1.02	43.96 -4.78 5.52	60.02 -4.84 0.00	61.82 -4.74 0.00	61.76 -4.08 0.00	55.51 -3.97 0.00	62.82 -5.07 0.60	45.55 -5.40 12.31	53.59 -5.21 5.41	61.29 -6.57 0.00	50.11 -5.56 0.00	66.59 -7.44 0.00	61.46 -6.63 0.92	54.01 -5.40 0.00	47.83 -4.37 0.00	40.61 -2.92 0.00	42.41 -1.72 0.00
NGRID_A4_DSASP 323807	34.76 -1.87 0.60	35.87 -1.38 0.55	33.21 -1.48 0.42	35.90 -1.16 0.53	37.24 -1.36 0.34	43.98 -1.54 0.00	91.17 -6.15 0.81	64.48 -6.41 1.02	43.96 -4.78 5.52	60.02 -4.84 0.00	61.82 -4.74 0.00	61.76 -4.08 0.00	55.51 -3.97 0.00	62.82 -5.07 0.60	45.55 -5.40 12.31	53.59 -5.21 5.41	61.29 -6.57 0.00	50.11 -5.56 0.00	66.59 -7.44 0.00	61.46 -6.63 0.92	54.01 -5.40 0.00	47.83 -4.37 0.00	40.61 -2.92 0.00	42.41 -1.72 0.00
NIAGARA_115E_LBMP 323715	34.82 -1.84 0.58	35.95 -1.31 0.53	33.33 -1.37 0.41	35.96 -1.11 0.51	37.31 -1.31 0.33	44.10 -1.41 0.00	91.18 -6.17 0.78	64.28 -6.56 1.06	43.92 -4.74 5.59	59.92 -4.94 0.00	61.22 -4.75 0.60	61.63 -3.94 0.28	54.64 -4.20 0.63	61.89 -5.27 1.32	45.04 -5.39 12.84	53.60 -5.06 5.55	61.18 -6.50 0.17	49.47 -5.62 0.58	65.37 -7.47 1.19	60.78 -6.77 1.45	53.08 -5.54 0.79	46.87 -4.53 0.80	39.53 -3.20 0.80	41.57 -1.89 0.67
NIAGARA_115W_LBMP 323714	34.71 -1.93 0.60	35.82 -1.43 0.55	33.16 -1.53 0.42	35.85 -1.20 0.53	37.19 -1.42 0.34	43.91 -1.60 0.00	91.00 -6.32 0.81	64.31 -6.52 1.07	43.79 -4.87 5.60	59.90 -4.96 0.00	61.07 -4.87 0.62	61.37 -4.19 0.29	54.78 -4.04 0.66	61.97 -5.16 1.35	44.92 -5.48 12.88	53.35 -5.30 5.56	60.99 -6.70 0.18	49.45 -5.62 0.60	65.24 -7.54 1.26	60.78 -6.74 1.49	53.12 -5.47 0.83	46.93 -4.44 0.83	39.72 -2.98 0.83	41.66 -1.77 0.70
NIAGARA_230_LBMP 323716	34.83 -1.81 0.60	35.92 -1.33 0.55	33.25 -1.44 0.42	35.92 -1.13 0.53	37.27 -1.34 0.34	44.00 -1.52 0.00	91.72 -5.60 0.81	64.98 -5.88 1.05	44.28 -4.48 5.50	60.39 -4.47 0.00	61.61 -4.33 0.62	61.89 -3.67 0.29	55.24 -3.58 0.66	62.51 -4.64 1.34	45.46 -5.15 12.66	53.87 -4.89 5.46	61.61 -6.08 0.18	50.00 -5.07 0.60	65.98 -6.79 1.27	61.45 -6.09 1.48	53.70 -4.89 0.82	47.41 -3.96 0.83	39.95 -2.75 0.83	41.76 -1.68 0.70
NIAGARA___115KV_198_GIBSON 55903	35.31 -1.93 0.00	36.36 -1.44 0.00	33.57 -1.54 0.00	36.37 -1.22 0.00	37.53 -1.42 0.00	43.92 -1.59 0.00	91.79 -6.33 0.00	64.54 -6.45 0.92	43.89 -4.87 5.51	59.90 -4.96 0.00	61.71 -4.86 0.00	61.64 -4.20 0.00	55.41 -4.07 0.00	62.71 -5.19 0.59	45.49 -5.50 12.29	53.51 -5.30 5.40	61.17 -6.68 0.00	50.03 -5.64 0.00	66.47 -7.56 0.00	61.36 -6.73 0.92	53.90 -5.52 0.00	47.75 -4.45 0.00	40.54 -2.98 0.00	42.35 -1.78 0.00
NIAGARA____ 23760	34.84 -1.81 0.59	35.93 -1.33 0.54	33.25 -1.44 0.42	35.93 -1.13 0.52	37.28 -1.34 0.33	44.00 -1.52 0.00	91.73 -5.60 0.79	64.97 -5.88 1.06	44.26 -4.48 5.52	60.39 -4.47 0.00	61.62 -4.33 0.61	61.89 -3.67 0.28	55.25 -3.58 0.65	62.51 -4.64 1.33	45.41 -5.15 12.71	53.84 -4.89 5.49	61.61 -6.08 0.17	50.00 -5.07 0.59	66.01 -6.79 1.24	61.46 -6.09 1.47	53.71 -4.89 0.81	47.42 -3.96 0.82	39.96 -2.75 0.81	41.77 -1.68 0.68
NINE_MILE_1 23575	35.98 -1.27 0.00	36.51 -1.29 0.00	33.89 -1.22 0.00	36.31 -1.28 0.00	37.62 -1.32 0.00	43.96 -1.55 0.00	94.59 -3.53 0.00	69.39 -2.52 0.00	52.41 -1.85 0.00	62.64 -2.23 0.00	64.33 -2.24 0.00	63.61 -2.23 0.00	57.53 -1.95 0.00	66.16 -2.32 0.00	61.08 -2.19 0.00	61.94 -2.27 0.00	65.40 -2.46 0.00	53.82 -1.85 0.00	71.59 -2.44 0.00	66.75 -2.27 0.00	57.42 -1.99 0.00	50.42 -1.78 0.00	42.10 -1.43 0.00	42.73 -1.40 0.00
NINE_MILE_2 23744	35.98 -1.27 0.00	36.51 -1.29 0.00	33.89 -1.22 0.00	36.31 -1.28 0.00	37.62 -1.32 0.00	43.97 -1.54 0.00	94.61 -3.52 0.00	69.39 -2.52 0.00	52.41 -1.85 0.00	62.64 -2.23 0.00	64.33 -2.24 0.00	63.61 -2.23 0.00	57.53 -1.95 0.00	66.16 -2.32 0.00	61.08 -2.19 0.00	61.94 -2.27 0.00	65.40 -2.45 0.00	53.82 -1.85 0.00	71.60 -2.44 0.00	66.75 -2.26 0.00	57.43 -1.98 0.00	50.42 -1.78 0.00	42.10 -1.43 0.00	42.73 -1.40 0.00
NM_CAPITAL___DRP 24208	37.49 0.25 0.00	37.95 0.15 0.00	35.34 0.23 0.00	37.76 0.18 0.00	39.07 0.12 0.00	45.46 -0.05 0.00	98.21 0.09 0.00	71.89 -0.02 0.00	54.24 -0.02 0.00	64.73 -0.13 0.00	66.36 -0.20 0.00	65.70 -0.14 0.00	59.42 -0.07 0.00	68.51 0.02 0.00	63.52 0.25 0.00	64.46 0.25 0.00	68.28 0.42 0.00	56.19 0.51 0.00	74.84 0.81 0.00	69.71 0.70 0.00	60.01 0.60 0.00	52.49 0.29 0.00	43.80 0.28 0.00	44.22 0.09 0.00
NM_CENTRAL___DRP 24181	36.63 -0.61 0.00	37.16 -0.63 0.00	34.47 -0.63 0.00	36.95 -0.64 0.00	38.29 -0.66 0.00	44.77 -0.74 0.00	96.49 -1.64 0.00	70.80 -1.11 0.00	53.47 -0.79 0.00	63.92 -0.94 0.00	65.67 -0.90 0.00	65.00 -0.84 0.00	58.79 -0.69 0.00	67.78 -0.85 -0.14	62.33 -0.94 0.00	63.18 -1.03 0.00	66.70 -1.16 0.00	54.89 -0.78 0.00	73.11 -0.93 0.00	68.15 -0.86 0.00	58.61 -0.80 0.00	51.45 -0.76 0.00	42.93 -0.59 0.00	43.57 -0.57 0.00

NM_FRONTIER___DRP 24179	35.31 -1.93 0.00	36.36 -1.44 0.00	33.57 -1.54 0.00	36.37 -1.22 0.00	37.53 -1.42 0.00	43.92 -1.59 0.00	91.79 -6.33 0.00	64.54 -6.45 0.92	43.89 -4.87 5.51	59.90 -4.96 0.00	61.71 -4.86 0.00	61.64 -4.20 0.00	55.41 -4.07 0.00	62.71 -5.19 0.59	45.49 -5.50 12.29	53.51 -5.30 5.40	61.17 -6.68 0.00	50.03 -5.64 0.00	66.47 -7.56 0.00	61.36 -6.73 0.92	53.90 -5.52 0.00	47.75 -4.45 0.00	40.54 -2.98 0.00	42.35 -1.78 0.00
NM_ST_REGIS___HYD 24053	38.62 1.38 0.00	39.33 1.53 0.00	36.54 1.43 0.00	39.13 1.54 0.00	40.64 1.69 0.00	47.66 2.14 0.00	102.37 4.24 0.00	75.25 3.34 0.00	56.66 2.40 0.00	68.12 3.27 0.00	69.80 3.24 0.00	68.72 2.88 0.00	61.61 2.13 0.00	77.07 2.61 -5.98	65.81 2.54 0.00	67.01 2.80 0.00	70.50 2.65 0.00	56.89 1.22 0.00	75.37 1.34 0.00	69.99 0.98 0.00	60.21 0.79 0.00	53.55 1.35 0.00	44.70 1.17 0.00	45.40 1.27 0.00
NORTHPORT___1 23551	38.53 1.29 0.00	39.06 1.26 0.00	36.23 1.12 0.00	38.61 1.02 0.00	39.80 0.85 0.00	46.43 0.92 0.00	94.98 1.90 5.05	73.71 1.80 0.00	55.99 1.74 0.00	66.52 1.66 0.00	68.05 1.49 0.00	67.59 1.75 0.00	61.79 2.31 0.00	69.72 2.68 1.45	51.87 1.92 13.32	20.18 1.90 45.93	23.41 2.00 46.44	40.37 1.77 17.07	76.13 2.95 0.86	51.82 2.31 19.50	58.30 2.18 3.30	19.47 1.80 34.53	-1.10 1.70 46.32	40.35 1.86 5.64
NORTHPORT___2 23552	38.53 1.29 0.00	39.06 1.26 0.00	36.23 1.12 0.00	38.61 1.02 0.00	39.80 0.85 0.00	46.43 0.92 0.00	94.98 1.90 5.05	73.71 1.80 0.00	55.99 1.74 0.00	66.52 1.66 0.00	68.05 1.49 0.00	67.59 1.75 0.00	61.79 2.31 0.00	69.72 2.68 1.45	51.87 1.92 13.32	20.18 1.90 45.93	23.41 2.00 46.44	40.37 1.77 17.07	76.13 2.95 0.86	51.82 2.31 19.50	58.30 2.18 3.30	19.47 1.80 34.53	-1.10 1.70 46.32	40.35 1.86 5.64
NORTHPORT___3 23553	40.16 1.20 -1.73	41.58 1.15 -2.63	37.93 1.02 -1.81	40.73 0.92 -2.23	41.19 0.73 -1.51	46.27 0.75 -0.02	95.24 1.43 4.32	73.35 1.45 0.00	55.73 1.48 0.00	66.18 1.32 0.00	67.72 1.15 0.00	67.24 1.41 0.00	61.50 2.02 0.00	69.37 2.33 1.44	51.62 1.60 13.25	20.07 1.58 45.72	23.29 1.64 46.21	40.19 1.47 16.95	75.77 2.55 0.82	51.54 1.94 19.41	57.99 1.86 3.28	19.37 1.54 34.37	0.43 1.53 44.63	40.21 1.68 5.60
NORTHPORT___4 23650	40.16 1.20 -1.73	41.58 1.15 -2.63	37.93 1.02 -1.81	40.73 0.92 -2.23	41.19 0.73 -1.51	46.27 0.75 -0.02	95.24 1.43 4.32	73.35 1.45 0.00	55.73 1.48 0.00	66.18 1.32 0.00	67.72 1.15 0.00	67.24 1.41 0.00	61.50 2.02 0.00	69.37 2.33 1.44	51.62 1.60 13.25	20.07 1.58 45.72	23.29 1.64 46.21	40.19 1.47 16.95	75.77 2.55 0.82	51.54 1.94 19.41	57.99 1.86 3.28	19.37 1.54 34.37	0.43 1.53 44.63	40.21 1.68 5.60
NORTHPORT___IC 23718	38.54 1.30 0.00	39.06 1.26 0.00	36.23 1.12 0.00	38.61 1.03 0.00	39.81 0.86 0.00	46.44 0.92 0.00	94.98 1.91 5.05	73.71 1.80 0.00	56.00 1.75 0.00	66.52 1.66 0.00	68.05 1.49 0.00	67.60 1.75 0.00	61.80 2.32 0.00	69.72 2.68 1.45	51.92 1.97 13.32	20.18 1.90 45.93	23.42 2.01 46.44	40.37 1.77 17.07	76.14 2.96 0.86	51.82 2.31 19.50	58.31 2.19 3.30	19.47 1.80 34.53	-1.06 1.74 46.32	40.36 1.86 5.64
NORTH___COUNTRY_ESR 323785	37.92 0.67 0.00	38.54 0.75 0.00	35.82 0.72 0.00	38.29 0.71 0.00	39.73 0.78 0.00	46.61 1.10 0.00	100.30 2.17 0.00	73.59 1.69 0.00	55.40 1.14 0.00	66.29 1.43 0.00	67.65 1.08 0.00	66.72 0.88 0.00	59.92 0.44 0.00	67.15 0.20 1.53	63.69 0.42 0.00	64.96 0.75 0.00	68.68 0.82 0.00	55.35 -0.33 0.00	73.09 -0.95 0.00	68.17 -0.84 0.00	58.79 -0.63 0.00	52.02 -0.19 0.00	43.31 -0.21 0.00	43.97 -0.16 0.00
NPX_GEN_1385_PROXY 323591	38.47 1.23 0.00	39.03 1.24 0.00	36.27 1.17 0.00	38.58 1.00 0.00	39.77 0.82 0.00	46.39 0.87 0.00	96.95 2.20 3.38	102.56 2.06 -28.59	98.06 1.94 -41.86	66.70 1.84 0.00	68.21 1.65 0.00	67.41 1.57 0.00	61.72 2.24 0.00	48.28 2.43 22.64	51.71 1.75 13.32	20.07 1.79 45.93	23.21 1.80 46.44	40.35 1.75 17.07	76.38 3.20 0.86	90.88 2.54 -19.32	58.96 2.35 2.81	19.47 1.80 34.53	-24.21 1.55 69.28	40.29 1.79 5.64
NPX_GEN_CSC 323557	-30.01 0.80 68.05	-65.31 0.78 103.88	-35.52 0.70 71.33	-49.73 0.58 87.89	-20.11 0.43 59.49	45.49 0.57 0.59	68.18 1.43 31.37	73.72 1.81 0.00	56.04 1.78 0.00	66.64 1.78 0.00	68.01 1.44 0.00	67.71 1.87 0.00	61.92 2.44 0.00	69.87 2.82 1.43	51.93 1.77 13.11	20.23 1.35 45.33	23.78 1.59 45.67	40.60 1.56 16.63	76.06 2.70 0.68	51.60 1.84 19.25	58.72 2.06 2.76	19.43 1.30 34.07	-56.40 1.09 101.02	39.96 1.34 5.51
NSINS_S_GLNS_FALLS 23858	38.71 1.47 0.00	39.04 1.24 0.00	36.32 1.22 0.00	38.94 1.36 0.00	40.38 1.43 0.00	47.08 1.57 0.00	102.01 3.89 0.00	74.81 2.90 0.00	55.90 1.64 0.00	66.96 2.10 0.00	68.54 1.98 0.00	67.52 1.68 0.00	60.81 1.33 0.00	70.21 1.72 0.00	65.37 2.10 0.00	66.59 2.38 0.00	70.74 2.88 0.00	58.28 2.60 0.00	77.45 3.41 0.00	72.08 3.07 0.00	62.06 2.65 0.00	54.26 2.06 0.00	45.28 1.75 0.00	45.69 1.55 0.00
NUCOR_STEEL___DRP 24197	37.03 -0.21 0.00	37.69 -0.10 0.00	34.84 -0.27 0.00	37.34 -0.25 0.00	38.68 -0.27 0.00	45.25 -0.26 0.00	97.60 -0.52 0.00	71.97 -0.38 -0.44	56.61 -0.27 -2.63	64.71 -0.15 0.00	66.32 -0.24 0.00	65.67 -0.17 0.00	59.40 -0.08 0.00	68.53 -0.24 -0.28	67.84 -0.48 -5.05	65.46 -0.53 -1.78	67.49 -0.37 0.00	55.66 -0.01 0.00	73.87 -0.16 0.00	69.44 0.14 -0.28	59.48 0.07 0.00	52.17 -0.03 0.00	43.56 0.04 0.00	44.20 0.07 0.00
NUMBER_THREE_WT_PWR 323818	38.03 0.79 0.00	38.69 0.89 0.00	35.88 0.78 0.00	38.63 1.05 0.00	40.29 1.34 0.00	47.01 1.50 0.00	101.96 3.84 0.00	75.18 3.27 0.00	56.73 2.47 0.00	68.14 3.28 0.00	70.14 3.58 0.00	68.22 2.38 0.00	60.30 0.82 0.00	73.36 3.36 -1.51	65.78 2.50 0.00	66.97 2.77 0.00	70.44 2.58 0.00	57.55 1.88 0.00	76.14 2.11 0.00	69.51 0.50 0.00	59.08 -0.33 0.00	52.66 0.45 0.00	44.82 1.29 0.00	45.85 1.72 0.00
NYISO_LBMP_REFERENCE 24008	37.24 0.00 0.00	37.79 0.00 0.00	35.11 0.00 0.00	37.58 0.00 0.00	38.95 0.00 0.00	45.51 0.00 0.00	98.13 0.00 0.00	71.91 0.00 0.00	54.26 0.00 0.00	64.86 0.00 0.00	66.56 0.00 0.00	65.84 0.00 0.00	59.48 0.00 0.00	68.49 0.00 0.00	63.27 0.00 0.00	64.21 0.00 0.00	67.86 0.00 0.00	55.67 0.00 0.00	74.03 0.00 0.00	69.01 0.00 0.00	59.41 0.00 0.00	52.20 0.00 0.00	43.52 0.00 0.00	44.13 0.00 0.00
NYPA_BRENTWD____GT 24164	32.69 1.81 6.35	29.76 1.67 9.70	29.93 1.49 6.66	30.81 1.44 8.21	34.68 1.28 5.56	46.85 1.40 0.05	93.93 3.22 7.41	74.60 2.69 0.00	56.70 2.44 0.00	67.34 2.48 0.00	68.88 2.31 0.00	68.48 2.64 0.00	62.63 3.15 0.00	70.72 3.61 1.37	53.38 2.62 12.51	23.34 2.65 43.52	27.30 2.82 43.37	42.88 2.54 15.33	77.93 4.05 0.16	53.63 3.11 18.49	59.30 3.01 3.13	21.96 2.44 32.69	-2.94 2.32 48.79	41.25 2.25 5.13

NYPA_GOWANUS____GT5 24156	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.43 4.30 0.00	75.00 3.09 0.00	56.85 2.60 0.00	67.61 2.75 0.00	69.52 2.96 0.00	69.15 3.31 0.00	63.18 3.70 0.00	72.85 4.37 0.00	66.93 3.66 0.00	67.73 3.52 0.00	71.74 3.88 0.00	58.94 3.27 0.00	78.63 4.60 0.00	73.35 4.34 0.00	63.03 3.62 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NYPA_GOWANUS____GT6 24157	39.06 1.82 0.00	39.48 1.68 0.00	36.63 1.52 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.75 0.00	102.43 4.30 0.00	75.00 3.09 0.00	56.85 2.60 0.00	67.61 2.75 0.00	69.52 2.96 0.00	69.15 3.31 0.00	63.18 3.70 0.00	72.85 4.37 0.00	66.93 3.66 0.00	67.73 3.52 0.00	71.74 3.88 0.00	58.94 3.27 0.00	78.63 4.60 0.00	73.35 4.34 0.00	63.03 3.62 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.55 0.00
NYPA_HARLEM__RVR__GT1 24160	38.97 1.73 0.00	39.27 1.47 0.00	36.46 1.35 0.00	38.79 1.21 0.00	40.20 1.25 0.00	47.05 1.54 0.00	101.91 3.78 0.00	74.70 2.80 0.00	56.65 2.39 0.00	67.44 2.58 0.00	69.38 2.81 0.00	68.92 3.08 0.00	62.91 3.43 0.00	72.52 4.04 0.00	66.63 3.36 0.00	67.44 3.23 0.00	71.46 3.60 0.00	58.71 3.04 0.00	78.31 4.27 0.00	72.97 3.96 0.00	62.68 3.27 0.00	55.23 3.02 0.00	46.09 2.56 0.00	46.49 2.36 0.00
NYPA_HARLEM__RVR__GT2 24161	38.97 1.73 0.00	39.27 1.47 0.00	36.46 1.35 0.00	38.79 1.21 0.00	40.20 1.25 0.00	47.05 1.54 0.00	101.91 3.78 0.00	74.70 2.80 0.00	56.65 2.39 0.00	67.44 2.58 0.00	69.38 2.81 0.00	68.92 3.08 0.00	62.91 3.43 0.00	72.52 4.04 0.00	66.63 3.36 0.00	67.44 3.23 0.00	71.46 3.60 0.00	58.71 3.04 0.00	78.31 4.27 0.00	72.97 3.96 0.00	62.68 3.27 0.00	55.23 3.02 0.00	46.09 2.56 0.00	46.49 2.36 0.00
NYPA_KENT____GT 24152	39.04 1.80 0.00	39.43 1.63 0.00	36.59 1.48 0.00	38.96 1.37 0.00	40.35 1.40 0.00	47.21 1.70 0.00	102.26 4.13 0.00	74.87 2.96 0.00	56.78 2.53 0.00	67.55 2.69 0.00	69.48 2.92 0.00	69.11 3.27 0.00	63.11 3.64 0.00	72.76 4.28 0.00	66.85 3.58 0.00	67.67 3.46 0.00	71.67 3.81 0.00	58.90 3.23 0.00	78.55 4.52 0.00	73.25 4.24 0.00	62.91 3.50 0.00	55.39 3.19 0.00	46.19 2.67 0.00	46.63 2.49 0.00
NYPA_POUCH1____GT 24155	39.10 1.86 0.00	39.62 1.83 0.00	36.77 1.66 0.00	39.16 1.57 0.00	40.56 1.61 0.00	47.45 1.93 0.00	102.89 4.76 0.00	75.31 3.41 0.00	57.01 2.75 0.00	67.61 2.75 0.00	69.50 2.93 0.00	69.19 3.35 0.00	63.29 3.81 0.00	72.97 4.49 0.00	67.02 3.75 0.00	67.82 3.61 0.00	71.82 3.96 0.00	59.02 3.35 0.00	78.74 4.71 0.00	73.46 4.45 0.00	63.13 3.72 0.00	55.57 3.37 0.00	46.31 2.78 0.00	46.73 2.60 0.00
NYPA_VERNON____GT2 24162	39.00 1.76 0.00	39.37 1.58 0.00	36.53 1.42 0.00	38.91 1.32 0.00	40.31 1.36 0.00	47.15 1.64 0.00	102.06 3.94 0.00	74.70 2.79 0.00	56.69 2.43 0.00	67.50 2.64 0.00	69.42 2.86 0.00	69.03 3.19 0.00	63.02 3.54 0.00	72.68 4.19 0.00	66.76 3.49 0.00	67.58 3.37 0.00	71.60 3.74 0.00	58.84 3.16 0.00	78.46 4.42 0.00	73.13 4.13 0.00	62.79 3.38 0.00	55.28 3.08 0.00	46.13 2.61 0.00	46.56 2.43 0.00
NYPA_VERNON____GT3 24163	39.00 1.76 0.00	39.37 1.58 0.00	36.53 1.42 0.00	38.91 1.32 0.00	40.31 1.36 0.00	47.15 1.64 0.00	102.06 3.94 0.00	74.70 2.79 0.00	56.69 2.43 0.00	67.50 2.64 0.00	69.42 2.86 0.00	69.03 3.19 0.00	63.02 3.54 0.00	72.68 4.19 0.00	66.76 3.49 0.00	67.58 3.37 0.00	71.60 3.74 0.00	58.84 3.16 0.00	78.46 4.42 0.00	73.13 4.13 0.00	62.79 3.38 0.00	55.28 3.08 0.00	46.13 2.61 0.00	46.56 2.43 0.00
NYPA____ASTORIA_CC1 323568	38.93 1.69 0.00	39.32 1.52 0.00	36.48 1.38 0.00	38.85 1.26 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.60 2.35 0.00	67.39 2.53 0.00	69.33 2.76 0.00	68.92 3.08 0.00	62.93 3.45 0.00	72.56 4.07 0.00	66.65 3.38 0.00	67.48 3.28 0.00	71.48 3.62 0.00	58.75 3.08 0.00	78.33 4.29 0.00	73.01 4.00 0.00	62.69 3.28 0.00	55.19 2.99 0.00	46.06 2.54 0.00	46.49 2.36 0.00
NYPA____ASTORIA_CC2 323569	38.93 1.69 0.00	39.32 1.52 0.00	36.48 1.38 0.00	38.85 1.26 0.00	40.24 1.29 0.00	47.08 1.57 0.00	101.90 3.77 0.00	74.57 2.66 0.00	56.60 2.35 0.00	67.39 2.53 0.00	69.33 2.76 0.00	68.92 3.08 0.00	62.93 3.45 0.00	72.56 4.07 0.00	66.65 3.38 0.00	67.48 3.28 0.00	71.48 3.62 0.00	58.75 3.08 0.00	78.33 4.29 0.00	73.01 4.00 0.00	62.69 3.28 0.00	55.19 2.99 0.00	46.06 2.54 0.00	46.49 2.36 0.00
NYPA____HOLTSVILL 23794	-29.82 1.03 68.10	-65.18 0.99 103.96	-35.41 0.87 71.38	-49.61 0.76 87.95	-19.97 0.61 59.53	45.63 0.70 0.59	66.62 1.57 33.08	73.60 1.69 0.00	55.95 1.70 0.00	66.52 1.66 0.00	67.91 1.35 0.00	67.52 1.68 0.00	61.73 2.25 0.00	69.66 2.60 1.43	51.88 1.76 13.15	20.38 1.62 45.44	23.86 1.82 45.82	40.55 1.59 16.72	76.06 2.74 0.72	51.72 2.01 19.30	58.19 2.04 3.26	19.60 1.55 34.16	-56.23 1.43 101.19	40.20 1.60 5.53
NYPA____HELLGATE_GT1 24158	38.97 1.73 0.00	39.27 1.47 0.00	36.46 1.35 0.00	38.79 1.21 0.00	40.20 1.25 0.00	47.05 1.54 0.00	101.87 3.74 0.00	74.70 2.80 0.00	56.65 2.39 0.00	67.44 2.58 0.00	69.35 2.78 0.00	68.92 3.08 0.00	62.91 3.43 0.00	72.52 4.04 0.00	66.63 3.36 0.00	67.44 3.23 0.00	71.46 3.60 0.00	58.71 3.04 0.00	78.31 4.27 0.00	72.97 3.96 0.00	62.68 3.27 0.00	55.22 3.01 0.00	46.09 2.56 0.00	46.49 2.36 0.00
NYPA____HELLGATE_GT2 24159	38.97 1.73 0.00	39.27 1.47 0.00	36.46 1.35 0.00	38.79 1.21 0.00	40.20 1.25 0.00	47.05 1.54 0.00	101.87 3.74 0.00	74.70 2.80 0.00	56.65 2.39 0.00	67.44 2.58 0.00	69.35 2.78 0.00	68.92 3.08 0.00	62.91 3.43 0.00	72.52 4.04 0.00	66.63 3.36 0.00	67.44 3.23 0.00	71.46 3.60 0.00	58.71 3.04 0.00	78.31 4.27 0.00	72.97 3.96 0.00	62.68 3.27 0.00	55.22 3.01 0.00	46.09 2.56 0.00	46.49 2.36 0.00
NYS_BARGE____HYD 23848	35.33 -1.40 0.51	36.42 -0.91 0.47	33.73 -1.02 0.36	36.40 -0.73 0.45	37.76 -0.90 0.29	44.56 -0.95 0.00	92.70 -4.74 0.69	65.61 -5.29 1.01	45.05 -3.87 5.33	60.97 -3.89 0.00	62.37 -3.66 0.53	62.67 -2.93 0.24	55.73 -3.18 0.56	63.13 -4.14 1.22	46.61 -4.45 12.21	54.81 -4.12 5.28	62.33 -5.38 0.15	50.58 -4.58 0.52	66.99 -6.03 1.02	62.27 -5.41 1.33	54.33 -4.38 0.70	47.93 -3.56 0.71	40.37 -2.45 0.71	42.27 -1.26 0.60
OAK ORCHARD____HYD 24046	36.33 -0.68 0.23	37.10 -0.49 0.21	34.36 -0.58 0.16	36.97 -0.42 0.20	38.33 -0.49 0.13	45.06 -0.45 0.00	96.04 -1.78 0.30	69.45 -1.84 0.62	49.49 -1.36 3.41	64.03 -1.15 -0.32	65.95 -1.02 -0.41	65.02 -0.71 0.11	58.42 -0.81 0.25	66.78 -1.19 0.52	55.22 -1.61 6.44	60.38 -1.49 2.34	65.86 -1.93 0.07	53.94 -1.51 0.23	72.03 -2.00 0.00	66.64 -1.80 0.56	57.69 -1.44 0.29	50.65 -1.24 0.32	42.34 -0.87 0.31	43.42 -0.45 0.27

OAKDALE___35_KV_LOAD 356122	37.11 -0.13 0.00	37.69 -0.11 0.00	34.94 -0.16 0.00	37.48 -0.10 0.00	38.79 -0.16 0.00	45.26 -0.25 0.00	97.81 -0.31 0.00	71.15 -0.42 0.34	51.77 -0.43 2.05	63.90 -0.46 0.51	65.13 -0.42 1.02	65.67 -0.17 0.00	59.52 0.04 0.00	67.99 -0.07 0.43	57.04 -0.58 5.65	60.45 -0.59 3.17	67.35 -0.51 0.00	55.35 -0.32 0.00	74.95 0.92 0.00	69.98 0.97 0.00	59.61 0.19 0.00	52.30 0.10 0.00	43.67 0.15 0.00	44.40 0.27 0.00
OCC_CHEM___DRP 24175	35.35 -1.89 0.00	36.41 -1.38 0.00	33.62 -1.48 0.00	36.42 -1.17 0.00	37.58 -1.37 0.00	43.98 -1.53 0.00	91.94 -6.18 0.00	64.66 -6.33 0.92	43.96 -4.78 5.52	60.02 -4.84 0.00	61.82 -4.74 0.00	61.76 -4.08 0.00	55.51 -3.97 0.00	62.82 -5.07 0.60	45.55 -5.40 12.31	53.59 -5.21 5.41	61.29 -6.57 0.00	50.11 -5.56 0.00	66.59 -7.44 0.00	61.46 -6.63 0.92	54.01 -5.40 0.00	47.83 -4.37 0.00	40.61 -2.92 0.00	42.41 -1.72 0.00
OH_GEN_PROXY 24063	34.77 -1.82 0.65	35.85 -1.35 0.59	33.20 -1.45 0.45	35.86 -1.15 0.57	37.22 -1.37 0.36	43.96 -1.55 0.00	93.45 -5.49 -0.81	65.14 -5.70 1.06	44.39 -4.38 5.49	60.48 -4.38 0.00	18.78 -4.27 43.51	0.56 -3.61 61.67	55.26 -3.51 0.71	62.55 -4.54 1.39	45.53 -5.07 12.67	53.92 -4.83 5.46	61.71 -5.96 0.19	50.06 -4.96 0.65	66.01 -6.61 1.41	61.56 -5.91 1.54	54.28 -4.73 0.40	47.44 -3.87 0.89	39.92 -2.71 0.89	41.70 -1.68 0.75
OLIN_CORP_DRP 24177	35.41 -1.83 0.00	36.50 -1.30 0.00	33.73 -1.37 0.00	36.49 -1.10 0.00	37.67 -1.28 0.00	44.12 -1.39 0.00	92.11 -6.02 0.00	64.66 -6.32 0.93	44.02 -4.66 5.57	60.03 -4.82 0.00	61.92 -4.64 0.00	61.99 -3.85 0.00	55.38 -4.10 0.00	62.73 -5.16 0.60	45.52 -5.33 12.42	53.80 -4.94 5.47	61.46 -6.40 0.00	50.12 -5.55 0.00	66.67 -7.36 0.00	61.47 -6.61 0.93	53.95 -5.46 0.00	47.77 -4.43 0.00	40.40 -3.12 0.00	42.29 -1.84 0.00
OLIN_CORP_DSASP 323712	34.76 -1.87 0.60	35.87 -1.38 0.55	33.21 -1.48 0.42	35.90 -1.16 0.53	37.24 -1.36 0.34	43.98 -1.54 0.00	91.32 -6.15 0.65	64.66 -6.33 0.92	43.96 -4.78 5.52	60.02 -4.84 0.00	61.82 -4.74 0.00	61.76 -4.08 0.00	55.51 -3.97 0.00	62.82 -5.07 0.60	45.55 -5.40 12.31	53.59 -5.21 5.41	61.29 -6.57 0.00	50.11 -5.56 0.00	66.59 -7.44 0.00	61.46 -6.63 0.92	54.01 -5.40 0.00	47.83 -4.37 0.00	40.61 -2.92 0.00	42.41 -1.72 0.00
ONEIDA_HERK_LFGE 323681	38.02 0.78 0.00	38.62 0.82 0.00	35.86 0.75 0.00	38.50 0.91 0.00	40.02 1.07 0.00	46.75 1.24 0.00	101.25 3.12 0.00	74.44 2.54 0.00	56.19 1.93 0.00	67.30 2.45 0.00	69.17 2.61 0.00	67.90 2.06 0.00	60.73 1.26 0.00	71.80 2.61 -0.70	65.40 2.13 0.00	66.37 2.16 0.00	69.96 2.10 0.00	57.37 1.69 0.00	76.01 1.97 0.00	70.20 1.19 0.00	60.07 0.66 0.00	53.05 0.85 0.00	44.61 1.08 0.00	45.43 1.29 0.00
ONEIDA___115KV_TB4 55905	38.07 0.83 0.00	38.64 0.85 0.00	35.93 0.82 0.00	38.55 0.97 0.00	40.00 1.05 0.00	46.80 1.29 0.00	101.36 3.24 0.00	74.66 2.53 -0.22	57.51 1.93 -1.32	67.15 2.29 0.00	68.97 2.41 0.00	68.09 2.25 0.00	61.35 1.88 0.00	71.52 2.57 -0.47	67.39 2.24 -1.88	66.30 2.09 0.00	69.91 2.05 0.00	57.48 1.81 0.00	76.15 2.11 0.00	70.70 1.69 0.00	60.69 1.28 0.00	53.44 1.24 0.00	44.65 1.12 0.00	45.37 1.23 0.00
ONONDAGA_REF_OCCRA 23987	36.92 -0.32 0.00	37.44 -0.35 0.00	34.73 -0.37 0.00	37.22 -0.36 0.00	38.57 -0.38 0.00	45.16 -0.35 0.00	97.45 -0.67 0.00	71.86 -0.41 -0.36	56.10 -0.32 -2.16	64.45 -0.41 0.00	66.22 -0.34 0.00	65.53 -0.31 0.00	59.28 -0.19 0.00	68.55 -0.30 -0.36	66.90 -0.43 -4.07	65.03 -0.57 -1.39	67.24 -0.62 0.00	55.35 -0.32 0.00	73.76 -0.27 0.00	68.98 -0.23 -0.20	59.14 -0.27 0.00	51.89 -0.32 0.00	43.29 -0.24 0.00	43.91 -0.22 0.00
ONONDAGA___COGEN 23986	36.80 -0.44 0.00	37.34 -0.45 0.00	34.62 -0.48 0.00	37.11 -0.48 0.00	38.45 -0.50 0.00	44.98 -0.53 0.00	96.96 -1.16 0.00	71.14 -0.76 0.00	53.70 -0.55 0.00	64.20 -0.66 0.00	65.91 -0.65 0.00	65.24 -0.60 0.00	59.02 -0.46 0.00	67.98 -0.63 -0.12	62.54 -0.73 0.00	63.38 -0.83 0.00	66.99 -0.87 0.00	55.17 -0.51 0.00	73.43 -0.60 0.00	68.53 -0.48 0.00	58.95 -0.46 0.00	51.73 -0.48 0.00	43.16 -0.37 0.00	43.78 -0.36 0.00
ONTARIO___LFGE 23819	36.84 -0.40 0.00	37.46 -0.34 0.00	34.66 -0.45 0.00	37.27 -0.31 0.00	38.59 -0.36 0.00	45.12 -0.39 0.00	97.02 -1.10 0.00	69.75 -1.06 1.10	46.67 -0.98 6.61	64.47 -0.86 -0.46	66.74 -0.75 -0.93	65.40 -0.45 0.00	59.10 -0.38 0.00	67.10 -0.87 0.52	49.41 -1.44 12.42	57.99 -1.32 4.89	66.65 -1.21 0.00	54.86 -0.81 0.00	73.63 -1.23 -0.83	67.66 -0.73 0.63	59.02 -0.45 -0.05	51.77 -0.43 0.00	43.28 -0.25 0.00	44.13 0.00 0.00
ORANGEVILLE_WT_PWR 323706	35.78 -1.46 0.00	36.61 -1.19 0.00	33.77 -1.34 0.00	36.49 -1.09 0.00	37.69 -1.26 0.00	43.86 -1.65 0.00	93.46 -4.67 0.00	65.78 -4.76 1.36	41.73 -4.33 8.20	54.00 -4.98 5.88	49.99 -4.72 11.85	61.83 -3.98 0.03	55.68 -3.80 0.00	60.08 -5.05 3.36	18.40 -5.76 39.11	32.34 -5.41 26.46	62.44 -5.41 0.00	51.50 -4.18 0.00	69.86 -5.09 -0.91	64.09 -4.00 0.92	56.50 -2.97 -0.05	49.76 -2.45 0.00	41.74 -1.78 0.00	43.13 -1.00 0.00
ORANGEVILLE___ESR 323794	35.78 -1.46 0.00	36.61 -1.19 0.00	33.77 -1.34 0.00	36.49 -1.09 0.00	37.69 -1.26 0.00	43.86 -1.65 0.00	93.46 -4.67 0.00	65.78 -4.76 1.36	41.73 -4.33 8.20	54.00 -4.98 5.88	49.99 -4.72 11.85	61.83 -3.98 0.03	55.68 -3.80 0.00	60.08 -5.05 3.36	18.40 -5.76 39.11	32.34 -5.41 26.46	62.44 -5.41 0.00	51.50 -4.18 0.00	69.86 -5.09 -0.91	64.09 -4.00 0.92	56.50 -2.97 -0.05	49.76 -2.45 0.00	41.74 -1.78 0.00	43.13 -1.00 0.00
OSWEGATCHIE___HYD 24044	38.35 1.10 0.00	39.03 1.23 0.00	36.22 1.12 0.00	38.89 1.31 0.00	40.48 1.53 0.00	47.35 1.83 0.00	102.14 4.01 0.00	75.22 3.31 0.00	56.70 2.45 0.00	68.18 3.32 0.00	70.07 3.51 0.00	68.60 2.76 0.00	61.08 1.60 0.00	75.12 3.17 -3.46	65.92 2.65 0.00	67.10 2.89 0.00	70.50 2.65 0.00	57.21 1.54 0.00	75.81 1.78 0.00	69.85 0.84 0.00	59.76 0.35 0.00	53.29 1.09 0.00	44.88 1.36 0.00	45.72 1.59 0.00
OSWEGO___5 23606	36.25 -0.99 0.00	36.80 -0.99 0.00	34.14 -0.96 0.00	36.59 -1.00 0.00	37.91 -1.04 0.00	44.31 -1.21 0.00	95.38 -2.74 0.00	69.95 -1.96 0.00	52.83 -1.43 0.00	63.14 -1.72 0.00	64.84 -1.73 0.00	64.15 -1.70 0.00	58.01 -1.47 0.00	66.71 -1.78 0.00	61.55 -1.72 0.00	62.43 -1.78 0.00	65.93 -1.93 0.00	54.24 -1.43 0.00	72.18 -1.85 0.00	67.31 -1.70 0.00	57.88 -1.53 0.00	50.84 -1.37 0.00	42.44 -1.09 0.00	43.07 -1.06 0.00
OSWEGO___6 23613	36.25 -0.99 0.00	36.80 -0.99 0.00	34.14 -0.96 0.00	36.59 -1.00 0.00	37.91 -1.04 0.00	44.31 -1.21 0.00	95.38 -2.74 0.00	69.95 -1.96 0.00	52.83 -1.43 0.00	63.14 -1.72 0.00	64.84 -1.73 0.00	64.15 -1.70 0.00	58.01 -1.47 0.00	66.71 -1.78 0.00	61.55 -1.72 0.00	62.43 -1.78 0.00	65.93 -1.93 0.00	54.24 -1.43 0.00	72.18 -1.85 0.00	67.31 -1.70 0.00	57.88 -1.53 0.00	50.84 -1.37 0.00	42.44 -1.09 0.00	43.07 -1.06 0.00

OUTOKUMPU-AB___DRP 24206	36.00 -1.25 0.00	37.01 -0.79 0.00	34.18 -0.93 0.00	36.98 -0.60 0.00	38.15 -0.80 0.00	44.66 -0.85 0.00	93.83 -4.30 0.00	66.15 -4.82 0.94	44.91 -3.68 5.67	61.30 -3.57 0.00	63.21 -3.35 0.00	63.17 -2.67 0.00	56.66 -2.82 0.00	64.17 -3.70 0.61	46.44 -4.19 12.64	54.74 -3.91 5.56	62.80 -5.05 0.00	51.38 -4.29 0.00	68.43 -5.61 0.00	63.17 -4.90 0.94	55.49 -3.93 0.00	49.07 -3.13 0.00	41.45 -2.08 0.00	43.18 -0.96 0.00
OXBOW___BTM 323836	35.06 -1.58 0.60	36.14 -1.11 0.55	33.45 -1.23 0.42	36.15 -0.91 0.53	37.50 -1.11 0.34	44.28 -1.23 0.00	92.07 -5.26 0.80	65.13 -5.69 1.08	44.33 -4.25 5.68	60.62 -4.24 0.00	61.87 -4.07 0.62	62.19 -3.36 0.29	55.44 -3.38 0.65	62.72 -4.41 1.36	45.40 -4.80 13.07	53.98 -4.58 5.64	61.85 -5.83 0.18	50.18 -4.89 0.60	66.29 -6.50 1.24	61.73 -5.79 1.49	53.93 -4.66 0.82	47.61 -3.77 0.83	40.20 -2.50 0.83	42.08 -1.35 0.70
OXBOW___ 24026	35.65 -1.59 0.00	36.68 -1.12 0.00	33.86 -1.25 0.00	36.66 -0.92 0.00	37.83 -1.12 0.00	44.28 -1.23 0.00	92.84 -5.28 0.00	65.36 -5.61 0.93	44.42 -4.24 5.59	60.63 -4.23 0.00	62.49 -4.07 0.00	62.46 -3.38 0.00	56.08 -3.40 0.00	63.47 -4.42 0.60	45.97 -4.82 12.48	54.13 -4.59 5.49	62.04 -5.82 0.00	50.74 -4.93 0.00	67.49 -6.55 0.00	62.30 -5.78 0.93	54.73 -4.68 0.00	48.44 -3.76 0.00	41.01 -2.52 0.00	42.78 -1.35 0.00
OXY_CHEM_DSASP 323612	35.35 -1.89 0.00	36.41 -1.38 0.00	33.62 -1.48 0.00	36.42 -1.17 0.00	37.58 -1.37 0.00	43.98 -1.53 0.00	91.94 -6.18 0.00	64.66 -6.33 0.92	43.96 -4.78 5.52	60.02 -4.84 0.00	61.82 -4.74 0.00	61.76 -4.08 0.00	55.51 -3.97 0.00	62.82 -5.07 0.60	45.55 -5.40 12.31	53.59 -5.21 5.41	61.29 -6.57 0.00	50.11 -5.56 0.00	66.59 -7.44 0.00	61.46 -6.63 0.92	54.01 -5.40 0.00	47.83 -4.37 0.00	40.61 -2.92 0.00	42.41 -1.72 0.00
OZONE_PARK_ESR 323760	39.36 2.12 0.00	39.71 1.92 0.00	36.84 1.73 0.00	39.25 1.66 0.00	40.63 1.68 0.00	47.54 2.03 0.00	103.18 5.06 0.00	75.59 3.68 0.00	57.35 3.09 0.00	68.37 3.51 0.00	70.28 3.72 0.00	69.89 4.05 0.00	63.78 4.30 0.00	73.55 5.07 0.00	67.55 4.29 0.00	68.40 4.19 0.00	72.48 4.62 0.00	59.54 3.86 0.00	79.42 5.39 0.00	74.08 5.07 0.00	63.60 4.19 0.00	55.94 3.74 0.00	46.63 3.10 0.00	47.04 2.91 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.35 -1.89 0.00	36.41 -1.38 0.00	33.62 -1.48 0.00	36.42 -1.17 0.00	37.58 -1.37 0.00	43.98 -1.53 0.00	91.94 -6.18 0.00	64.66 -6.33 0.92	43.96 -4.78 5.52	60.02 -4.84 0.00	61.82 -4.74 0.00	61.76 -4.08 0.00	55.51 -3.97 0.00	62.82 -5.07 0.60	45.55 -5.40 12.31	53.59 -5.21 5.41	61.29 -6.57 0.00	50.11 -5.56 0.00	66.59 -7.44 0.00	61.46 -6.63 0.92	54.01 -5.40 0.00	47.83 -4.37 0.00	40.61 -2.92 0.00	42.41 -1.72 0.00
PACKARD__115KV_DUPONT_184 80571	34.76 -1.87 0.60	35.87 -1.38 0.55	33.21 -1.48 0.42	35.90 -1.16 0.53	37.24 -1.36 0.34	43.98 -1.54 0.00	91.17 -6.15 0.81	64.43 -6.41 1.07	43.87 -4.78 5.61	60.01 -4.85 0.00	61.19 -4.75 0.62	61.49 -4.07 0.29	54.88 -3.94 0.66	62.08 -5.05 1.35	44.98 -5.39 12.91	53.45 -5.19 5.57	61.10 -6.58 0.18	49.56 -5.51 0.60	65.38 -7.40 1.26	60.89 -6.63 1.49	53.21 -5.38 0.83	47.02 -4.35 0.83	39.79 -2.90 0.83	41.71 -1.72 0.70
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.01 1.77 0.00	39.37 1.57 0.00	36.55 1.45 0.00	38.90 1.31 0.00	40.31 1.36 0.00	47.17 1.65 0.00	102.08 3.96 0.00	74.80 2.89 0.00	56.72 2.46 0.00	67.52 2.66 0.00	69.42 2.86 0.00	69.02 3.18 0.00	63.00 3.52 0.00	72.62 4.13 0.00	66.73 3.46 0.00	67.52 3.32 0.00	71.55 3.69 0.00	58.79 3.11 0.00	78.39 4.36 0.00	73.07 4.06 0.00	62.76 3.35 0.00	55.26 3.06 0.00	46.08 2.56 0.00	46.50 2.37 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.73 2.49 0.00	40.13 2.34 0.00	37.27 2.16 0.00	39.68 2.10 0.00	41.14 2.19 0.00	48.18 2.67 0.00	104.43 6.30 0.00	76.34 4.43 0.00	57.80 3.54 0.00	68.86 3.99 0.00	70.76 4.20 0.00	70.31 4.46 0.00	64.17 4.69 0.00	73.95 5.46 0.00	67.93 4.66 0.00	68.78 4.57 0.00	72.86 5.00 0.00	59.83 4.16 0.00	79.75 5.71 0.00	74.37 5.36 0.00	63.88 4.46 0.00	56.24 4.04 0.00	46.90 3.37 0.00	47.34 3.21 0.00
PATROON__115KV_TB1 80586	37.65 0.40 0.00	38.10 0.31 0.00	35.49 0.39 0.00	37.91 0.33 0.00	39.23 0.28 0.00	45.67 0.16 0.00	98.73 0.60 0.00	72.31 0.40 0.00	54.56 0.30 0.00	65.12 0.26 0.00	66.75 0.19 0.00	66.10 0.25 0.00	59.76 0.29 0.00	68.94 0.45 0.00	63.91 0.64 0.00	64.86 0.65 0.00	68.70 0.84 0.00	56.53 0.86 0.00	75.28 1.25 0.00	70.13 1.12 0.00	60.36 0.94 0.00	52.80 0.59 0.00	44.02 0.49 0.00	44.44 0.31 0.00
PATTRSNVILLE___SOLAR 323815	38.08 0.84 0.00	38.55 0.76 0.00	35.82 0.71 0.00	38.35 0.77 0.00	39.74 0.79 0.00	46.42 0.91 0.00	100.27 2.15 0.00	73.56 1.65 0.00	55.50 1.24 0.00	66.27 1.41 0.00	67.94 1.37 0.00	67.05 1.21 0.00	60.57 1.09 0.00	69.88 1.39 0.00	64.73 1.46 0.00	65.64 1.44 0.00	69.49 1.63 0.00	57.12 1.45 0.00	76.06 2.03 0.00	70.96 1.96 0.00	61.09 1.68 0.00	53.56 1.36 0.00	44.59 1.07 0.00	45.17 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.03 -1.21 0.00	37.01 -0.78 0.00	34.14 -0.96 0.00	36.92 -0.67 0.00	38.03 -0.92 0.00	44.41 -1.10 0.00	94.32 -3.80 0.00	66.64 -4.20 1.06	44.50 -3.37 6.39	61.51 -3.35 0.00	63.43 -3.13 0.00	63.43 -2.41 0.00	57.07 -2.41 0.00	64.49 -3.31 0.69	45.06 -3.97 14.23	54.08 -3.84 6.28	63.27 -4.58 0.00	52.02 -3.65 0.00	69.23 -4.81 0.00	63.96 -3.99 1.06	56.37 -3.05 0.00	49.73 -2.47 0.00	41.80 -1.72 0.00	43.30 -0.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.03 1.79 0.00	39.40 1.61 0.00	36.55 1.44 0.00	38.97 1.39 0.00	40.37 1.42 0.00	47.21 1.70 0.00	102.46 4.33 0.00	75.05 3.14 0.00	56.88 2.63 0.00	67.80 2.94 0.00	69.71 3.15 0.00	69.22 3.38 0.00	63.05 3.57 0.00	72.73 4.25 0.00	66.88 3.61 0.00	67.73 3.52 0.00	71.75 3.89 0.00	58.99 3.32 0.00	78.70 4.67 0.00	73.37 4.36 0.00	63.01 3.60 0.00	55.33 3.13 0.00	46.13 2.61 0.00	46.56 2.43 0.00
PEEKSKILL___ 23653	38.74 1.50 0.00	39.08 1.28 0.00	36.26 1.16 0.00	38.67 1.08 0.00	40.04 1.09 0.00	46.80 1.29 0.00	101.53 3.41 0.00	74.27 2.36 0.00	56.28 2.02 0.00	67.03 2.17 0.00	68.94 2.37 0.00	68.51 2.67 0.00	62.53 3.05 0.00	72.08 3.60 0.00	66.24 2.96 0.00	67.03 2.82 0.00	70.95 3.09 0.00	58.35 2.68 0.00	77.85 3.82 0.00	72.64 3.62 0.00	62.39 2.98 0.00	54.84 2.63 0.00	45.74 2.21 0.00	46.21 2.08 0.00
PGE MADISON___WINDPWR 24146	38.62 1.38 0.00	39.28 1.48 0.00	36.49 1.38 0.00	39.30 1.72 0.00	40.79 1.84 0.00	47.29 1.78 0.00	103.66 5.54 0.00	77.19 3.61 -1.67	66.45 2.16 -10.03	66.18 1.55 0.23	68.52 2.41 0.45	67.95 2.11 0.00	62.09 2.62 0.00	72.70 3.23 -0.99	84.86 2.73 -18.86	72.60 1.95 -6.44	69.26 1.41 0.00	57.05 1.38 0.00	76.49 2.46 0.00	72.94 2.58 -1.35	61.96 2.55 0.00	54.51 2.30 0.00	46.22 2.70 0.00	46.99 2.87 0.00

PIERCEFIELD___HYD 23852	38.60 1.36 0.00	39.30 1.51 0.00	36.51 1.41 0.00	39.12 1.53 0.00	40.64 1.69 0.00	47.63 2.12 0.00	102.26 4.14 0.00	75.17 3.26 0.00	56.59 2.33 0.00	68.13 3.28 0.00	69.86 3.30 0.00	68.80 2.96 0.00	61.66 2.18 0.00	76.39 2.80 -5.11	65.93 2.66 0.00	67.10 2.89 0.00	70.52 2.66 0.00	56.95 1.28 0.00	75.48 1.45 0.00	70.05 1.05 0.00	60.21 0.80 0.00	53.64 1.43 0.00	44.83 1.30 0.00	45.53 1.40 0.00
PINELAWN_CC_1 323563	35.82 1.61 3.03	34.68 1.50 4.62	33.27 1.34 3.17	34.94 1.26 3.91	37.44 1.14 2.65	46.80 1.31 0.03	95.45 2.79 5.46	73.85 1.94 0.00	56.05 1.80 0.00	66.56 1.70 0.00	67.89 1.32 0.00	67.71 1.87 0.00	62.00 2.52 0.00	70.14 2.85 1.20	54.65 2.07 10.69	28.16 2.06 38.10	33.54 2.22 36.54	45.95 1.76 11.48	78.32 2.91 -1.38	55.06 2.25 16.20	59.04 2.36 2.73	25.69 2.03 28.55	5.55 2.20 40.17	42.38 2.26 4.01
PJM_GEN_HTTP_PROXY 323702	39.03 1.79 0.00	39.39 1.60 0.00	36.54 1.44 0.00	38.95 1.36 0.00	40.32 1.37 0.00	46.03 1.66 1.14	102.21 4.15 0.07	74.87 2.97 0.00	56.81 2.55 0.00	67.70 2.84 0.00	69.61 3.05 0.00	69.22 3.38 0.00	63.17 3.69 0.00	72.83 4.34 0.00	66.90 3.63 0.00	67.73 3.52 0.00	71.75 3.89 0.00	59.09 3.28 -0.14	78.61 4.57 0.00	73.31 4.30 0.00	62.93 3.52 0.00	55.36 3.16 0.00	45.58 2.65 0.59	46.60 2.47 0.00
PJM_GEN_KEystone 24065	36.24 -0.23 0.77	36.88 -0.21 0.70	34.26 -0.31 0.54	36.65 -0.26 0.68	38.12 -0.40 0.44	43.86 -0.51 1.14	96.05 -0.97 1.10	71.84 -1.42 -1.36	47.37 -1.16 5.72	63.40 -1.22 0.24	64.15 -1.13 1.28	64.87 -0.61 0.37	59.15 -0.09 0.24	66.70 -0.32 1.46	52.56 -1.10 9.60	58.58 -1.17 4.46	67.88 -1.23 -1.25	54.15 -0.89 0.63	71.08 -0.98 1.98	66.97 -0.55 1.49	58.08 -0.25 1.08	50.95 -0.18 1.07	41.80 -0.07 1.65	43.44 0.20 0.90
PJM_GEN_NEPTUNE_PROXY 323594	38.61 1.37 0.00	39.08 1.28 0.00	36.23 1.13 0.00	38.63 1.04 0.00	39.87 0.92 0.00	45.45 1.08 1.14	95.11 2.43 5.45	73.95 2.04 0.00	56.16 1.91 0.00	66.76 1.90 0.00	68.42 1.85 0.00	68.02 2.18 0.00	62.17 2.69 0.00	70.06 3.12 1.54	51.29 2.34 14.33	17.58 2.31 48.94	20.14 2.48 50.20	38.81 2.16 19.03	75.75 3.40 1.69	51.03 2.80 20.78	58.48 2.58 3.51	17.52 2.14 36.83	-4.74 1.92 50.18	39.94 2.05 6.24
PJM_GEN_VFT_PROXY 323633	37.82 1.64 1.06	38.24 1.42 0.98	36.39 1.28 0.00	38.06 1.18 0.69	38.24 1.19 1.90	39.54 1.43 7.40	101.76 3.71 0.07	74.55 2.64 0.00	50.41 2.29 6.13	60.55 2.56 6.87	57.38 2.78 11.96	56.79 3.11 12.17	62.94 3.46 0.00	72.57 4.08 0.00	53.48 3.38 13.18	54.24 3.25 13.22	58.90 3.58 12.54	47.35 3.05 11.37	73.16 4.30 5.17	65.79 4.05 7.26	50.62 3.32 12.11	49.15 2.98 6.04	38.17 2.47 7.83	40.35 2.31 6.10
PLATSBURG_115KV_PMLD1 355749	38.20 0.96 0.00	38.74 0.94 0.00	36.02 0.91 0.00	38.50 0.92 0.00	39.95 1.00 0.00	46.84 1.33 0.00	100.71 2.58 0.00	73.89 1.98 0.00	55.60 1.34 0.00	66.43 1.57 0.00	67.74 1.18 0.00	66.87 1.03 0.00	60.10 0.62 0.00	67.95 0.45 0.99	63.88 0.62 0.00	65.25 1.05 0.00	69.06 1.20 0.00	55.65 -0.02 0.00	73.47 -0.56 0.00	68.39 -0.62 0.00	58.99 -0.42 0.00	52.29 0.09 0.00	43.61 0.09 0.00	44.26 0.13 0.00
PLEASANTVLY___LBMP 24000	38.52 1.28 0.00	38.89 1.09 0.00	36.10 1.00 0.00	38.50 0.91 0.00	39.88 0.93 0.00	46.59 1.08 0.00	100.89 2.77 0.00	73.83 1.93 0.00	55.94 1.68 0.00	66.65 1.80 0.00	68.51 1.95 0.00	68.05 2.21 0.00	61.98 2.50 0.00	71.47 2.98 0.00	65.76 2.49 0.00	66.56 2.35 0.00	70.49 2.63 0.00	57.96 2.29 0.00	77.29 3.26 0.00	72.07 3.06 0.00	61.95 2.54 0.00	54.45 2.24 0.00	45.44 1.92 0.00	45.90 1.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.82 1.58 0.00	39.22 1.42 0.00	36.39 1.29 0.00	38.79 1.21 0.00	40.17 1.22 0.00	46.97 1.46 0.00	101.82 3.70 0.00	74.50 2.60 0.00	56.48 2.22 0.00	67.30 2.43 0.00	69.19 2.63 0.00	68.75 2.91 0.00	62.71 3.23 0.00	72.28 3.80 0.00	66.45 3.18 0.00	67.27 3.06 0.00	71.25 3.39 0.00	58.56 2.89 0.00	78.12 4.09 0.00	72.86 3.85 0.00	62.59 3.18 0.00	55.00 2.80 0.00	45.90 2.37 0.00	46.34 2.21 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.82 1.58 0.00	39.22 1.42 0.00	36.39 1.29 0.00	38.79 1.21 0.00	40.17 1.22 0.00	46.97 1.46 0.00	101.82 3.70 0.00	74.50 2.60 0.00	56.48 2.22 0.00	67.30 2.43 0.00	69.19 2.63 0.00	68.75 2.91 0.00	62.71 3.23 0.00	72.28 3.80 0.00	66.45 3.18 0.00	67.27 3.06 0.00	71.25 3.39 0.00	58.56 2.89 0.00	78.12 4.09 0.00	72.86 3.85 0.00	62.59 3.18 0.00	55.00 2.80 0.00	45.90 2.37 0.00	46.34 2.21 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.78 1.54 0.00	39.16 1.37 0.00	36.35 1.24 0.00	38.79 1.21 0.00	40.16 1.21 0.00	46.96 1.45 0.00	101.71 3.59 0.00	74.53 2.62 0.00	56.44 2.19 0.00	67.27 2.41 0.00	69.13 2.57 0.00	68.62 2.78 0.00	62.40 2.92 0.00	71.98 3.50 0.00	66.28 3.01 0.00	67.13 2.92 0.00	71.09 3.23 0.00	58.48 2.81 0.00	77.95 3.91 0.00	72.71 3.70 0.00	62.49 3.08 0.00	54.85 2.65 0.00	45.75 2.22 0.00	46.19 2.06 0.00
POLETTI_____ 23519	39.05 1.81 0.00	39.42 1.62 0.00	36.56 1.46 0.00	38.95 1.37 0.00	40.35 1.40 0.00	47.19 1.68 0.00	102.33 4.21 0.00	74.92 3.01 0.00	56.84 2.58 0.00	67.74 2.88 0.00	69.67 3.11 0.00	69.26 3.42 0.00	63.22 3.74 0.00	72.88 4.39 0.00	66.96 3.69 0.00	67.77 3.56 0.00	71.82 3.96 0.00	59.01 3.33 0.00	78.69 4.66 0.00	73.38 4.37 0.00	63.01 3.60 0.00	55.42 3.22 0.00	46.22 2.70 0.00	46.65 2.52 0.00
POMONA___ESR 323819	38.82 1.58 0.00	39.16 1.37 0.00	36.33 1.23 0.00	38.75 1.17 0.00	40.12 1.17 0.00	46.89 1.38 0.00	101.79 3.66 0.00	74.42 2.51 0.00	56.37 2.11 0.00	67.14 2.28 0.00	69.07 2.51 0.00	68.66 2.82 0.00	62.69 3.21 0.00	72.27 3.79 0.00	66.39 3.12 0.00	67.16 2.95 0.00	71.08 3.23 0.00	58.47 2.80 0.00	78.02 3.98 0.00	72.81 3.80 0.00	62.55 3.14 0.00	54.98 2.77 0.00	45.84 2.31 0.00	46.32 2.18 0.00
PORT_JEFF_3 23555	-30.83 1.05 69.12	-66.73 1.00 105.53	-36.47 0.88 72.45	-50.92 0.77 89.28	-20.86 0.62 60.43	45.65 0.74 0.60	66.19 1.56 33.49	73.54 1.63 0.00	55.91 1.65 0.00	66.55 1.69 0.00	67.78 1.22 0.00	67.31 1.47 0.00	61.54 2.06 0.00	69.45 2.39 1.43	51.73 1.59 13.12	20.26 1.40 45.35	23.74 1.58 45.70	40.44 1.41 16.65	75.87 2.52 0.69	51.54 1.79 19.26	58.01 1.85 3.26	19.57 1.45 34.09	-56.97 1.43 101.92	40.24 1.63 5.51
PORT_JEFF_4 23616	-30.83 1.05 69.12	-66.73 1.00 105.53	-36.47 0.88 72.45	-50.92 0.77 89.28	-20.86 0.62 60.43	45.65 0.74 0.60	66.19 1.56 33.49	73.54 1.63 0.00	55.91 1.65 0.00	66.55 1.69 0.00	67.78 1.22 0.00	67.31 1.47 0.00	61.54 2.06 0.00	69.45 2.39 1.43	51.73 1.59 13.12	20.26 1.40 45.35	23.74 1.58 45.70	40.44 1.41 16.65	75.87 2.52 0.69	51.54 1.79 19.26	58.01 1.85 3.26	19.57 1.45 34.09	-56.97 1.43 101.92	40.24 1.63 5.51

PORT_JEFF_IC 23713	-34.51 1.09 72.84	-72.36 1.04 111.20	-40.33 0.91 76.35	-55.69 0.81 94.08	-24.07 0.66 63.68	45.65 0.77 0.63	64.77 1.64 34.99	73.64 1.73 0.00	55.99 1.73 0.00	66.62 1.76 0.00	67.91 1.35 0.00	67.45 1.61 0.00	61.66 2.19 0.00	69.60 2.53 1.42	52.05 1.79 13.02	20.74 1.56 45.03	24.31 1.75 45.30	40.81 1.56 16.42	76.15 2.71 0.60	51.85 1.97 19.13	58.16 1.98 3.23	19.92 1.56 33.84	-59.54 1.54 104.60	40.37 1.68 5.45
PPL PILGRIM_ST_GT1 24216	32.69 1.81 6.35	29.76 1.67 9.70	29.93 1.49 6.66	30.81 1.44 8.21	34.68 1.28 5.56	46.85 1.40 0.05	93.93 3.22 7.41	74.60 2.69 0.00	56.70 2.44 0.00	67.34 2.48 0.00	68.88 2.31 0.00	68.48 2.64 0.00	62.63 3.15 0.00	70.72 3.61 1.37	53.38 2.62 12.51	23.34 2.65 43.52	27.30 2.82 43.37	42.88 2.54 15.33	77.93 4.05 0.16	53.63 3.11 18.49	59.30 3.01 3.13	21.96 2.44 32.69	-2.94 2.32 48.79	41.25 2.25 5.13
PPL PILGRIM_ST_GT2 24217	32.69 1.81 6.35	29.76 1.67 9.70	29.93 1.49 6.66	30.81 1.44 8.21	34.68 1.28 5.56	46.85 1.40 0.05	93.93 3.22 7.41	74.60 2.69 0.00	56.70 2.44 0.00	67.34 2.48 0.00	68.88 2.31 0.00	68.48 2.64 0.00	62.63 3.15 0.00	70.72 3.61 1.37	53.38 2.62 12.51	23.34 2.65 43.52	27.30 2.82 43.37	42.88 2.54 15.33	77.93 4.05 0.16	53.63 3.11 18.49	59.30 3.01 3.13	21.96 2.44 32.69	-2.94 2.32 48.79	41.25 2.25 5.13
PPL_SHRM_GT3 24213	-30.67 0.75 68.66	-66.28 0.74 104.81	-36.19 0.67 71.97	-50.55 0.55 88.68	-20.68 0.40 60.03	45.45 0.53 0.59	66.23 1.39 33.28	73.74 1.84 0.00	56.07 1.81 0.00	66.65 1.79 0.00	67.99 1.43 0.00	67.76 1.92 0.00	61.93 2.45 0.00	69.89 2.83 1.42	51.99 1.79 13.07	20.34 1.32 45.19	23.95 1.59 45.50	40.69 1.55 16.53	76.09 2.70 0.64	51.60 1.78 19.19	58.23 2.06 3.24	19.50 1.26 33.96	-56.82 1.02 101.36	39.94 1.29 5.48
PPL_SHRM_GT4 24214	-30.67 0.75 68.66	-66.28 0.74 104.81	-36.19 0.67 71.97	-50.55 0.55 88.68	-20.68 0.40 60.03	45.45 0.53 0.59	66.23 1.39 33.28	73.74 1.84 0.00	56.07 1.81 0.00	66.65 1.79 0.00	67.99 1.43 0.00	67.76 1.92 0.00	61.93 2.45 0.00	69.89 2.83 1.42	51.99 1.79 13.07	20.34 1.32 45.19	23.95 1.59 45.50	40.69 1.55 16.53	76.09 2.70 0.64	51.60 1.78 19.19	58.23 2.06 3.24	19.50 1.26 33.96	-56.82 1.02 101.36	39.94 1.29 5.48
PROJECT___ORANGE 1 24174	36.64 -0.61 0.00	37.17 -0.62 0.00	34.49 -0.62 0.00	36.96 -0.63 0.00	38.29 -0.66 0.00	44.80 -0.72 0.00	96.53 -1.60 0.00	70.82 -1.09 0.00	53.50 -0.76 0.00	63.94 -0.92 0.00	65.70 -0.87 0.00	65.02 -0.82 0.00	58.81 -0.66 0.00	67.79 -0.84 -0.14	62.35 -0.92 0.00	63.20 -1.01 0.00	66.73 -1.12 0.00	54.93 -0.74 0.00	73.16 -0.87 0.00	68.21 -0.80 0.00	58.65 -0.76 0.00	51.47 -0.74 0.00	42.95 -0.57 0.00	43.58 -0.55 0.00
PROJECT___ORANGE 2 24166	36.64 -0.61 0.00	37.17 -0.62 0.00	34.49 -0.62 0.00	36.96 -0.63 0.00	38.29 -0.66 0.00	44.80 -0.72 0.00	96.53 -1.60 0.00	70.82 -1.09 0.00	53.50 -0.76 0.00	63.94 -0.92 0.00	65.70 -0.87 0.00	65.02 -0.82 0.00	58.81 -0.66 0.00	67.79 -0.84 -0.14	62.35 -0.92 0.00	63.20 -1.01 0.00	66.73 -1.12 0.00	54.93 -0.74 0.00	73.16 -0.87 0.00	68.21 -0.80 0.00	58.65 -0.76 0.00	51.47 -0.74 0.00	42.95 -0.57 0.00	43.58 -0.55 0.00
PUCKETT___SOLAR 323809	37.68 0.16 -0.28	38.22 0.17 -0.26	35.44 0.14 -0.20	38.09 0.26 -0.25	39.36 0.25 -0.16	45.57 0.05 0.00	99.50 1.00 -0.38	72.41 0.43 -0.07	54.37 0.07 -0.04	64.36 -0.06 0.44	66.03 0.06 0.60	66.24 0.27 -0.13	60.27 0.49 -0.31	69.19 0.54 -0.17	61.83 -0.09 1.35	62.52 -0.38 1.31	67.62 -0.32 -0.08	55.88 -0.08 -0.28	75.21 1.17 0.00	70.54 1.25 -0.28	60.56 0.80 -0.35	53.21 0.62 -0.39	44.69 0.78 -0.39	45.36 0.90 -0.33
PYRITES___HYD 24023	39.10 1.86 0.00	39.84 2.05 0.00	37.02 1.91 0.00	39.66 2.08 0.00	41.21 2.26 0.00	48.34 2.83 0.00	104.00 5.88 0.00	76.55 4.64 0.00	57.60 3.34 0.00	69.27 4.41 0.00	71.03 4.47 0.00	70.02 4.18 0.00	62.69 3.22 0.00	77.47 3.87 -5.11	67.03 3.76 0.00	68.19 3.98 0.00	71.82 3.96 0.00	58.02 2.34 0.00	76.94 2.90 0.00	71.44 2.43 0.00	61.37 1.96 0.00	54.54 2.34 0.00	45.42 1.89 0.00	46.14 2.00 0.00
QUAKERRD_115KV_BK1 80622	35.78 -1.46 0.00	36.47 -1.33 0.00	33.76 -1.34 0.00	36.31 -1.27 0.00	37.60 -1.35 0.00	44.04 -1.47 0.00	94.35 -3.77 0.00	68.32 -3.12 0.46	49.14 -2.33 2.79	62.67 -2.43 -0.23	64.68 -2.36 -0.47	63.72 -2.12 0.00	57.48 -2.00 0.20	65.74 -2.54 5.25	55.28 -2.73 2.01	59.52 -2.68 2.01	64.77 -3.09 0.00	53.21 -2.46 0.00	70.77 -3.26 0.00	65.54 -3.00 0.47	56.89 -2.53 0.00	50.00 -2.20 0.00	41.81 -1.72 0.00	42.70 -1.43 0.00
QUENSBRY_115KV_TB8 356137	38.73 1.49 0.00	39.04 1.25 0.00	36.32 1.21 0.00	38.95 1.37 0.00	40.39 1.44 0.00	47.11 1.59 0.00	102.06 3.93 0.00	74.89 2.99 0.00	55.91 1.66 0.00	66.98 2.12 0.00	68.57 2.01 0.00	67.52 1.68 0.00	60.77 1.29 0.00	70.17 1.68 0.00	65.38 2.11 0.00	66.65 2.44 0.00	70.84 2.98 0.00	58.34 2.67 0.00	77.54 3.51 0.00	72.13 3.12 0.00	62.06 2.65 0.00	54.29 2.08 0.00	45.29 1.76 0.00	45.67 1.54 0.00
RAMAPO___LBMP 323565	38.68 1.44 0.00	39.03 1.23 0.00	36.22 1.11 0.00	38.62 1.04 0.00	40.00 1.05 0.00	46.73 1.22 0.00	101.42 3.29 0.00	74.14 2.23 0.00	56.15 1.89 0.00	66.85 1.99 0.00	68.76 2.20 0.00	68.38 2.53 0.00	62.43 2.95 0.00	71.98 3.49 0.00	66.13 2.86 0.00	66.88 2.67 0.00	70.77 2.91 0.00	58.21 2.54 0.00	77.68 3.65 0.00	72.52 3.51 0.00	62.30 2.89 0.00	54.75 2.54 0.00	45.67 2.14 0.00	46.14 2.01 0.00
RANKINE____ 23646	36.03 -1.22 0.00	37.02 -0.78 0.00	34.16 -0.95 0.00	36.95 -0.64 0.00	38.11 -0.83 0.00	44.55 -0.97 0.00	94.23 -3.90 0.00	66.47 -4.39 1.04	44.44 -3.55 6.26	61.38 -3.48 0.00	63.26 -3.30 0.00	63.24 -2.60 0.00	56.80 -2.68 0.00	64.20 -3.61 0.68	45.02 -4.28 13.97	54.06 -4.00 6.15	63.13 -4.72 0.00	51.81 -3.86 0.00	69.03 -5.00 0.00	63.79 -4.18 1.04	56.16 -3.25 0.00	49.59 -2.61 0.00	41.71 -1.81 0.00	43.24 -0.89 0.00
RAVENSWOOD_GT2_1 24244	39.03 1.79 0.00	39.40 1.60 0.00	36.55 1.45 0.00	38.95 1.36 0.00	40.33 1.38 0.00	47.17 1.66 0.00	102.25 4.13 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.65 2.78 0.00	69.56 3.00 0.00	69.17 3.32 0.00	63.12 3.64 0.00	72.78 4.29 0.00	66.87 3.60 0.00	67.69 3.48 0.00	71.71 3.86 0.00	58.93 3.26 0.00	78.59 4.56 0.00	73.27 4.26 0.00	62.92 3.51 0.00	55.34 3.14 0.00	46.17 2.64 0.00	46.60 2.47 0.00
RAVENSWOOD_GT2_2 24245	39.03 1.79 0.00	39.40 1.60 0.00	36.55 1.45 0.00	38.95 1.36 0.00	40.33 1.38 0.00	47.17 1.66 0.00	102.25 4.13 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.65 2.78 0.00	69.56 3.00 0.00	69.17 3.32 0.00	63.12 3.64 0.00	72.78 4.29 0.00	66.87 3.60 0.00	67.69 3.48 0.00	71.71 3.86 0.00	58.93 3.26 0.00	78.59 4.56 0.00	73.27 4.26 0.00	62.92 3.51 0.00	55.34 3.14 0.00	46.17 2.64 0.00	46.60 2.47 0.00

RAVENSWOOD_GT2_3 24246	39.05 1.81 0.00	39.42 1.62 0.00	36.56 1.46 0.00	38.95 1.37 0.00	40.35 1.40 0.00	47.19 1.68 0.00	102.30 4.17 0.00	74.89 2.99 0.00	56.81 2.56 0.00	67.69 2.83 0.00	69.61 3.04 0.00	69.21 3.36 0.00	63.16 3.68 0.00	72.81 4.33 0.00	66.92 3.65 0.00	67.73 3.53 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.62 4.59 0.00	73.32 4.31 0.00	62.95 3.54 0.00	55.39 3.18 0.00	46.19 2.67 0.00	46.62 2.49 0.00
RAVENSWOOD_GT2_4 24247	39.05 1.81 0.00	39.42 1.62 0.00	36.56 1.46 0.00	38.95 1.37 0.00	40.35 1.40 0.00	47.19 1.68 0.00	102.30 4.17 0.00	74.89 2.99 0.00	56.81 2.56 0.00	67.69 2.83 0.00	69.61 3.04 0.00	69.21 3.36 0.00	63.16 3.68 0.00	72.81 4.33 0.00	66.92 3.65 0.00	67.73 3.53 0.00	71.75 3.89 0.00	58.96 3.29 0.00	78.62 4.59 0.00	73.32 4.31 0.00	62.95 3.54 0.00	55.39 3.18 0.00	46.19 2.67 0.00	46.62 2.49 0.00
RAVENSWOOD_GT3_1 24248	39.03 1.79 0.00	39.40 1.61 0.00	36.56 1.45 0.00	38.95 1.36 0.00	40.33 1.38 0.00	47.17 1.66 0.00	102.26 4.14 0.00	74.85 2.94 0.00	56.79 2.53 0.00	67.67 2.81 0.00	69.58 3.02 0.00	69.18 3.33 0.00	63.12 3.64 0.00	72.80 4.31 0.00	66.88 3.61 0.00	67.69 3.48 0.00	71.73 3.87 0.00	58.94 3.27 0.00	78.61 4.57 0.00	73.29 4.28 0.00	62.93 3.52 0.00	55.36 3.16 0.00	46.17 2.65 0.00	46.61 2.48 0.00
RAVENSWOOD_GT3_2 24249	39.03 1.79 0.00	39.40 1.61 0.00	36.56 1.45 0.00	38.95 1.36 0.00	40.33 1.38 0.00	47.17 1.66 0.00	102.26 4.14 0.00	74.85 2.94 0.00	56.79 2.53 0.00	67.67 2.81 0.00	69.58 3.02 0.00	69.18 3.33 0.00	63.12 3.64 0.00	72.80 4.31 0.00	66.88 3.61 0.00	67.69 3.48 0.00	71.73 3.87 0.00	58.94 3.27 0.00	78.61 4.57 0.00	73.29 4.28 0.00	62.93 3.52 0.00	55.36 3.16 0.00	46.17 2.65 0.00	46.61 2.48 0.00
RAVENSWOOD_GT3_3 24250	39.08 1.84 0.00	39.45 1.65 0.00	36.60 1.49 0.00	38.99 1.40 0.00	40.38 1.43 0.00	47.22 1.71 0.00	102.40 4.27 0.00	74.96 3.06 0.00	56.87 2.62 0.00	67.76 2.90 0.00	69.68 3.12 0.00	69.29 3.45 0.00	63.24 3.76 0.00	72.90 4.42 0.00	66.98 3.71 0.00	67.82 3.61 0.00	71.83 3.97 0.00	59.03 3.35 0.00	78.73 4.70 0.00	73.40 4.39 0.00	63.02 3.61 0.00	55.44 3.23 0.00	46.24 2.72 0.00	46.68 2.55 0.00
RAVENSWOOD_GT3_4 24251	39.08 1.84 0.00	39.45 1.65 0.00	36.60 1.49 0.00	38.99 1.40 0.00	40.38 1.43 0.00	47.22 1.71 0.00	102.40 4.27 0.00	74.96 3.06 0.00	56.87 2.62 0.00	67.76 2.90 0.00	69.68 3.12 0.00	69.29 3.45 0.00	63.24 3.76 0.00	72.90 4.42 0.00	66.98 3.71 0.00	67.82 3.61 0.00	71.83 3.97 0.00	59.03 3.35 0.00	78.73 4.70 0.00	73.40 4.39 0.00	63.02 3.61 0.00	55.44 3.23 0.00	46.24 2.72 0.00	46.68 2.55 0.00
RAVENSWOOD_GT_1 23729	39.00 1.76 0.00	39.38 1.58 0.00	36.53 1.43 0.00	38.91 1.32 0.00	40.31 1.36 0.00	47.14 1.63 0.00	102.07 3.94 0.00	74.70 2.79 0.00	56.69 2.43 0.00	67.50 2.64 0.00	69.42 2.86 0.00	69.03 3.19 0.00	63.02 3.54 0.00	72.68 4.19 0.00	66.78 3.51 0.00	67.58 3.37 0.00	71.60 3.74 0.00	58.84 3.18 0.00	78.46 4.42 0.00	73.14 4.13 0.00	62.80 3.39 0.00	55.28 3.08 0.00	46.13 2.60 0.00	46.56 2.43 0.00
RAVENSWOOD_GT_10 24258	39.03 1.79 0.00	39.40 1.61 0.00	36.56 1.45 0.00	38.95 1.37 0.00	40.34 1.39 0.00	47.17 1.66 0.00	102.28 4.16 0.00	74.88 2.97 0.00	56.79 2.54 0.00	67.67 2.81 0.00	69.60 3.04 0.00	69.18 3.34 0.00	63.13 3.65 0.00	72.81 4.32 0.00	66.89 3.62 0.00	67.70 3.49 0.00	71.74 3.88 0.00	58.95 3.28 0.00	78.61 4.57 0.00	73.30 4.29 0.00	62.95 3.53 0.00	55.37 3.16 0.00	46.18 2.66 0.00	46.61 2.48 0.00
RAVENSWOOD_GT_11 24259	39.03 1.79 0.00	39.40 1.61 0.00	36.56 1.45 0.00	38.95 1.37 0.00	40.34 1.39 0.00	47.17 1.66 0.00	102.28 4.16 0.00	74.88 2.97 0.00	56.79 2.54 0.00	67.67 2.81 0.00	69.60 3.04 0.00	69.18 3.34 0.00	63.13 3.65 0.00	72.81 4.32 0.00	66.89 3.62 0.00	67.70 3.49 0.00	71.74 3.88 0.00	58.95 3.28 0.00	78.61 4.57 0.00	73.30 4.29 0.00	62.95 3.53 0.00	55.37 3.16 0.00	46.18 2.66 0.00	46.61 2.48 0.00
RAVENSWOOD_GT_4 24252	39.01 1.77 0.00	39.38 1.58 0.00	36.53 1.43 0.00	38.91 1.33 0.00	40.31 1.36 0.00	47.15 1.63 0.00	102.16 4.04 0.00	74.79 2.88 0.00	56.74 2.48 0.00	67.59 2.73 0.00	69.52 2.96 0.00	69.11 3.27 0.00	63.07 3.59 0.00	72.74 4.25 0.00	66.83 3.56 0.00	67.64 3.43 0.00	71.67 3.81 0.00	58.89 3.22 0.00	78.53 4.50 0.00	73.22 4.21 0.00	62.86 3.45 0.00	55.31 3.11 0.00	46.15 2.62 0.00	46.57 2.45 0.00
RAVENSWOOD_GT_5 24254	39.01 1.77 0.00	39.38 1.58 0.00	36.53 1.43 0.00	38.91 1.33 0.00	40.31 1.36 0.00	47.15 1.63 0.00	102.16 4.04 0.00	74.79 2.88 0.00	56.74 2.48 0.00	67.59 2.73 0.00	69.52 2.96 0.00	69.11 3.27 0.00	63.07 3.59 0.00	72.74 4.25 0.00	66.83 3.56 0.00	67.64 3.43 0.00	71.67 3.81 0.00	58.89 3.22 0.00	78.53 4.50 0.00	73.22 4.21 0.00	62.86 3.45 0.00	55.31 3.11 0.00	46.15 2.62 0.00	46.57 2.45 0.00
RAVENSWOOD_GT_6 24253	39.01 1.77 0.00	39.38 1.58 0.00	36.53 1.43 0.00	38.91 1.33 0.00	40.31 1.36 0.00	47.15 1.63 0.00	102.16 4.04 0.00	74.79 2.88 0.00	56.74 2.48 0.00	67.59 2.73 0.00	69.52 2.96 0.00	69.11 3.27 0.00	63.07 3.59 0.00	72.74 4.25 0.00	66.83 3.56 0.00	67.64 3.43 0.00	71.67 3.81 0.00	58.89 3.22 0.00	78.53 4.50 0.00	73.22 4.21 0.00	62.86 3.45 0.00	55.31 3.11 0.00	46.15 2.62 0.00	46.57 2.45 0.00
RAVENSWOOD_GT_7 24255	39.01 1.77 0.00	39.38 1.58 0.00	36.53 1.43 0.00	38.91 1.33 0.00	40.31 1.36 0.00	47.15 1.63 0.00	102.16 4.04 0.00	74.79 2.88 0.00	56.74 2.48 0.00	67.59 2.73 0.00	69.52 2.96 0.00	69.11 3.27 0.00	63.07 3.59 0.00	72.74 4.25 0.00	66.83 3.56 0.00	67.64 3.43 0.00	71.67 3.81 0.00	58.89 3.22 0.00	78.53 4.50 0.00	73.22 4.21 0.00	62.86 3.45 0.00	55.31 3.11 0.00	46.15 2.62 0.00	46.57 2.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.03 1.79 0.00	39.40 1.61 0.00	36.56 1.45 0.00	38.95 1.37 0.00	40.34 1.39 0.00	47.17 1.66 0.00	102.28 4.16 0.00	74.88 2.97 0.00	56.79 2.54 0.00	67.67 2.81 0.00	69.60 3.04 0.00	69.18 3.34 0.00	63.13 3.65 0.00	72.81 4.32 0.00	66.89 3.62 0.00	67.70 3.49 0.00	71.74 3.88 0.00	58.95 3.28 0.00	78.61 4.57 0.00	73.30 4.29 0.00	62.95 3.53 0.00	55.37 3.16 0.00	46.18 2.66 0.00	46.61 2.48 0.00
RAVENSWOOD_GT_9 24257	39.03 1.79 0.00	39.40 1.61 0.00	36.56 1.45 0.00	38.95 1.37 0.00	40.34 1.39 0.00	47.17 1.66 0.00	102.28 4.16 0.00	74.88 2.97 0.00	56.79 2.54 0.00	67.67 2.81 0.00	69.60 3.04 0.00	69.18 3.34 0.00	63.13 3.65 0.00	72.81 4.32 0.00	66.89 3.62 0.00	67.70 3.49 0.00	71.74 3.88 0.00	58.95 3.28 0.00	78.61 4.57 0.00	73.30 4.29 0.00	62.95 3.53 0.00	55.37 3.16 0.00	46.18 2.66 0.00	46.61 2.48 0.00

RAVENSWOOD___1 23533	38.98 1.74 0.00	39.35 1.56 0.00	36.52 1.41 0.00	38.89 1.30 0.00	40.28 1.33 0.00	47.12 1.61 0.00	102.03 3.90 0.00	74.68 2.78 0.00	56.66 2.41 0.00	67.48 2.62 0.00	69.41 2.85 0.00	68.99 3.15 0.00	63.00 3.52 0.00	72.65 4.17 0.00	66.74 3.47 0.00	67.55 3.34 0.00	71.58 3.72 0.00	58.81 3.14 0.00	78.41 4.38 0.00	73.12 4.11 0.00	62.78 3.37 0.00	55.26 3.06 0.00	46.11 2.58 0.00	46.56 2.43 0.00
RAVENSWOOD___2 23534	38.96 1.72 0.00	39.33 1.54 0.00	36.49 1.39 0.00	38.87 1.28 0.00	40.26 1.31 0.00	47.10 1.59 0.00	102.00 3.87 0.00	74.65 2.75 0.00	56.65 2.39 0.00	67.46 2.60 0.00	69.40 2.83 0.00	68.98 3.14 0.00	62.99 3.51 0.00	72.62 4.14 0.00	66.72 3.45 0.00	67.54 3.33 0.00	71.54 3.68 0.00	58.80 3.13 0.00	78.40 4.37 0.00	73.08 4.07 0.00	62.76 3.35 0.00	55.23 3.03 0.00	46.08 2.56 0.00	46.52 2.39 0.00
RAVENSWOOD___3 23535	39.02 1.78 0.00	39.40 1.61 0.00	36.55 1.45 0.00	38.95 1.36 0.00	40.33 1.38 0.00	47.17 1.66 0.00	102.26 4.13 0.00	74.85 2.94 0.00	56.78 2.52 0.00	67.67 2.81 0.00	69.58 3.02 0.00	69.17 3.33 0.00	63.13 3.66 0.00	72.80 4.31 0.00	66.87 3.60 0.00	67.69 3.48 0.00	71.73 3.87 0.00	58.94 3.27 0.00	78.61 4.57 0.00	73.29 4.28 0.00	62.93 3.52 0.00	55.36 3.16 0.00	46.17 2.65 0.00	46.61 2.48 0.00
RAVENSWOOD___4 23820	38.96 1.72 0.00	39.33 1.54 0.00	36.49 1.39 0.00	38.87 1.28 0.00	40.26 1.31 0.00	47.10 1.59 0.00	102.00 3.87 0.00	74.65 2.75 0.00	56.65 2.39 0.00	67.46 2.60 0.00	69.40 2.83 0.00	68.98 3.14 0.00	62.99 3.51 0.00	72.62 4.14 0.00	66.72 3.45 0.00	67.54 3.33 0.00	71.54 3.68 0.00	58.80 3.13 0.00	78.40 4.37 0.00	73.08 4.07 0.00	62.76 3.35 0.00	55.23 3.03 0.00	46.08 2.56 0.00	46.52 2.39 0.00
RCPL_TRUST___DRP 24196	39.07 1.83 0.00	39.43 1.64 0.00	36.58 1.47 0.00	38.98 1.40 0.00	40.36 1.41 0.00	47.22 1.71 0.00	102.38 4.25 0.00	74.95 3.05 0.00	56.87 2.62 0.00	67.77 2.92 0.00	69.70 3.13 0.00	69.30 3.46 0.00	63.24 3.76 0.00	72.94 4.45 0.00	67.00 3.73 0.00	67.82 3.61 0.00	71.86 4.00 0.00	59.02 3.35 0.00	78.70 4.67 0.00	73.38 4.37 0.00	63.00 3.59 0.00	55.42 3.21 0.00	46.22 2.69 0.00	46.65 2.52 0.00
RED___ROCHESTER 323720	36.52 -0.49 0.23	37.28 -0.31 0.21	34.51 -0.43 0.16	37.13 -0.25 0.20	38.50 -0.32 0.13	45.28 -0.23 0.00	96.57 -1.25 0.30	69.90 -1.39 0.61	49.89 -1.00 3.36	64.48 -0.69 -0.31	66.42 -0.53 -0.38	65.49 -0.24 0.11	58.86 -0.37 0.25	67.28 -0.68 0.52	55.74 -1.15 6.38	60.86 -1.02 2.33	66.35 -1.44 0.07	54.35 -1.09 0.23	72.62 -1.42 0.00	67.19 -1.26 0.56	58.13 -1.00 0.29	51.01 -0.87 0.32	42.62 -0.59 0.31	43.68 -0.19 0.27
REGAN___SOLAR 323812	38.42 1.17 0.00	38.89 1.09 0.00	36.11 1.00 0.00	38.65 1.07 0.00	40.08 1.13 0.00	46.92 1.40 0.00	101.45 3.32 0.00	74.68 2.78 0.00	56.36 2.10 0.00	67.27 2.41 0.00	68.89 2.33 0.00	67.91 2.07 0.00	61.30 1.82 0.00	70.91 2.42 0.00	65.65 2.38 0.00	66.54 2.33 0.00	70.35 2.49 0.00	57.84 2.17 0.00	77.04 3.01 0.00	71.94 2.93 0.00	61.90 2.49 0.00	54.24 2.04 0.00	45.07 1.54 0.00	45.68 1.54 0.00
RENSSELAER___COGEN 23796	37.42 0.18 0.00	37.87 0.08 0.00	35.29 0.18 0.00	37.70 0.12 0.00	39.00 0.05 0.00	45.39 -0.12 0.00	98.07 -0.06 0.00	71.81 -0.09 0.00	54.17 -0.09 0.00	64.66 -0.20 0.00	66.30 -0.26 0.00	65.63 -0.21 0.00	59.34 -0.13 0.00	68.43 -0.06 0.00	63.43 0.16 0.00	64.37 0.16 0.00	68.17 0.31 0.00	56.09 0.42 0.00	74.70 0.67 0.00	69.61 0.60 0.00	59.94 0.53 0.00	52.44 0.23 0.00	43.75 0.22 0.00	44.17 0.04 0.00
REPUBLIC_115KV_BARTNBK 55605	40.37 3.13 0.00	40.66 2.87 0.00	37.88 2.77 0.00	40.73 3.14 0.00	42.29 3.34 0.00	49.14 3.63 0.00	107.37 9.24 0.00	78.93 7.02 0.00	58.63 4.37 0.00	70.53 5.67 0.00	71.75 5.18 0.00	70.41 4.57 0.00	63.00 3.53 0.00	73.08 4.59 0.00	68.19 4.92 0.00	70.08 5.87 0.00	74.86 7.00 0.00	61.68 6.01 0.00	81.47 7.44 0.00	75.73 6.71 0.00	64.74 5.32 0.00	56.85 4.65 0.00	47.19 3.66 0.00	47.64 3.50 0.00
REVERE_CPPR_DRP 24186	38.38 1.14 0.00	38.97 1.18 0.00	36.22 1.11 0.00	38.88 1.29 0.00	40.39 1.44 0.00	47.23 1.72 0.00	102.36 4.24 0.00	75.40 3.32 -0.18	57.90 2.57 -1.07	68.01 3.15 0.00	69.82 3.26 0.00	68.80 2.96 0.00	61.78 2.30 0.00	72.50 3.44 -0.58	67.64 2.95 -1.42	67.01 2.80 0.00	70.66 2.80 0.00	58.06 2.39 0.00	76.86 2.83 0.00	71.21 2.20 0.00	61.04 1.63 0.00	53.80 1.60 0.00	45.03 1.51 0.00	45.80 1.67 0.00
REYNLDPA_13_KV_LD 356490	38.00 0.76 0.00	38.68 0.89 0.00	35.94 0.84 0.00	38.49 0.90 0.00	39.92 0.97 0.00	46.78 1.26 0.00	100.34 2.21 0.00	73.74 1.83 0.00	55.57 1.32 0.00	66.58 1.72 0.00	68.26 1.70 0.00	67.40 1.56 0.00	60.66 1.17 0.00	69.34 1.30 0.45	64.63 1.36 0.00	65.71 1.50 0.00	69.41 1.55 0.00	56.53 0.86 0.00	74.99 0.95 0.00	69.83 0.82 0.00	60.17 0.76 0.00	53.12 0.92 0.00	44.12 0.59 0.00	44.78 0.65 0.00
REYNOLDS_115KV_TB3 80639	37.75 0.51 0.00	38.16 0.37 0.00	35.55 0.44 0.00	38.00 0.42 0.00	39.32 0.37 0.00	45.76 0.25 0.00	98.83 0.70 0.00	72.30 0.40 0.00	54.53 0.27 0.00	65.07 0.21 0.00	66.71 0.14 0.00	66.02 0.18 0.00	59.69 0.21 0.00	68.80 0.32 0.00	63.84 0.57 0.00	64.81 0.59 0.00	68.64 0.78 0.00	56.51 0.83 0.00	75.27 1.24 0.00	70.11 1.10 0.00	60.38 0.96 0.00	52.79 0.59 0.00	44.06 0.53 0.00	44.47 0.35 0.00
RIVERBAY____ 323610	39.73 2.49 0.00	40.13 2.34 0.00	37.27 2.16 0.00	39.68 2.10 0.00	41.14 2.19 0.00	48.18 2.67 0.00	104.43 6.30 0.00	76.34 4.43 0.00	57.80 3.54 0.00	68.86 3.99 0.00	70.76 4.20 0.00	70.31 4.46 0.00	64.17 4.69 0.00	73.95 5.46 0.00	67.93 4.66 0.00	68.78 4.57 0.00	72.86 5.00 0.00	59.83 4.16 0.00	79.75 5.71 0.00	74.37 5.36 0.00	63.88 4.46 0.00	56.24 4.04 0.00	46.90 3.37 0.00	47.34 3.21 0.00
RIVERSDE_115KV_TB3 55908	37.49 0.25 0.00	37.95 0.15 0.00	35.34 0.23 0.00	37.76 0.18 0.00	39.07 0.12 0.00	45.46 -0.05 0.00	98.21 0.09 0.00	71.89 -0.02 0.00	54.24 -0.02 0.00	64.73 -0.13 0.00	66.36 -0.20 0.00	65.70 -0.14 0.00	59.42 -0.07 0.00	68.51 0.02 0.00	63.52 0.25 0.00	64.46 0.25 0.00	68.28 0.42 0.00	56.19 0.51 0.00	74.84 0.81 0.00	69.71 0.70 0.00	60.01 0.60 0.00	52.49 0.29 0.00	43.80 0.28 0.00	44.22 0.09 0.00
ROARING___BROOK_WT_PWR 323790	37.19 -0.05 0.00	37.81 0.01 0.00	35.13 0.03 0.00	37.66 0.08 0.00	39.07 0.12 0.00	45.62 0.11 0.00	98.33 0.21 0.00	72.09 0.19 0.00	54.33 0.07 0.00	64.96 0.10 0.00	66.71 0.14 0.00	65.76 -0.09 0.00	59.14 -0.34 0.00	68.47 0.11 0.13	63.35 0.08 0.00	64.31 0.10 0.00	67.78 -0.08 0.00	55.39 -0.29 0.00	73.46 -0.57 0.00	68.25 -0.76 0.00	58.75 -0.66 0.00	51.76 -0.45 0.00	43.25 -0.28 0.00	44.02 -0.11 0.00

ROCHESRG_115KV_T4 355643	36.42 -0.83 0.00	37.16 -0.63 0.00	34.39 -0.71 0.00	37.02 -0.57 0.00	38.32 -0.63 0.00	44.88 -0.63 0.00	95.93 -2.20 0.00	69.22 -2.14 0.54	49.40 -1.60 3.26	63.69 -1.45 -0.28	65.80 -1.33 -0.57	64.79 -1.05 0.00	58.39 -1.09 0.00	66.75 -1.51 0.23	55.31 -1.88 6.08	60.16 -1.77 2.28	65.63 -2.23 0.00	53.89 -1.78 0.00	71.69 -2.34 0.00	66.35 -2.12 0.55	57.69 -1.72 0.00	50.75 -1.45 0.00	42.48 -1.04 0.00	43.51 -0.62 0.00
ROCHESTER_9_IC 23652	36.60 -0.64 0.00	37.34 -0.45 0.00	34.56 -0.55 0.00	37.20 -0.39 0.00	38.50 -0.45 0.00	45.10 -0.41 0.00	96.47 -1.66 0.00	69.65 -1.70 0.55	49.67 -1.26 3.32	64.13 -1.04 -0.31	66.30 -0.89 -0.62	65.25 -0.59 0.00	58.78 -0.70 0.00	67.20 -1.05 0.23	55.64 -1.48 6.15	60.57 -1.37 2.27	66.06 -1.80 0.00	54.26 -1.41 0.00	72.18 -1.86 0.00	66.78 -1.68 0.56	58.06 -1.36 0.00	51.06 -1.14 0.00	42.72 -0.81 0.00	43.75 -0.38 0.00
ROCKVIEW_13_KV_LD 356306	38.95 1.71 0.00	39.32 1.53 0.00	36.48 1.37 0.00	38.88 1.29 0.00	40.26 1.31 0.00	47.07 1.56 0.00	102.11 3.98 0.00	74.78 2.87 0.00	56.71 2.45 0.00	67.60 2.74 0.00	69.52 2.96 0.00	69.09 3.25 0.00	63.05 3.57 0.00	72.67 4.19 0.00	66.79 3.52 0.00	67.61 3.40 0.00	71.61 3.76 0.00	58.87 3.20 0.00	78.54 4.50 0.00	73.23 4.22 0.00	62.88 3.46 0.00	55.28 3.08 0.00	46.13 2.61 0.00	46.56 2.43 0.00
ROME____115KV_TB2 80656	38.38 1.14 0.00	38.97 1.18 0.00	36.22 1.11 0.00	38.88 1.29 0.00	40.39 1.44 0.00	47.23 1.72 0.00	102.36 4.24 0.00	75.40 3.32 -0.18	57.90 2.57 -1.07	68.01 3.15 0.00	69.82 3.26 0.00	68.80 2.96 0.00	61.78 2.30 0.00	72.50 3.44 -0.58	67.64 2.95 -1.42	67.01 2.80 0.00	70.66 2.80 0.00	58.06 2.39 0.00	76.86 2.83 0.00	71.21 2.20 0.00	61.04 1.63 0.00	53.80 1.60 0.00	45.03 1.51 0.00	45.80 1.67 0.00
ROSETON___1 23587	38.57 1.33 0.00	38.93 1.14 0.00	36.13 1.03 0.00	38.54 0.95 0.00	39.92 0.96 0.00	46.64 1.13 0.00	100.98 2.86 0.00	73.85 1.95 0.00	55.96 1.70 0.00	66.66 1.80 0.00	68.54 1.97 0.00	68.10 2.26 0.00	62.07 2.59 0.00	71.56 3.07 0.00	65.79 2.52 0.00	66.60 2.39 0.00	70.53 2.67 0.00	57.98 2.31 0.00	77.32 3.29 0.00	72.14 3.13 0.00	62.01 2.59 0.00	54.51 2.30 0.00	45.50 1.97 0.00	45.97 1.84 0.00
ROSETON___2 23588	38.57 1.33 0.00	38.93 1.14 0.00	36.13 1.03 0.00	38.54 0.95 0.00	39.92 0.96 0.00	46.64 1.13 0.00	100.98 2.86 0.00	73.85 1.95 0.00	55.96 1.70 0.00	66.66 1.80 0.00	68.54 1.97 0.00	68.10 2.26 0.00	62.07 2.59 0.00	71.56 3.07 0.00	65.79 2.52 0.00	66.60 2.39 0.00	70.53 2.67 0.00	57.98 2.31 0.00	77.32 3.29 0.00	72.14 3.13 0.00	62.01 2.59 0.00	54.51 2.30 0.00	45.50 1.97 0.00	45.97 1.84 0.00
ROTRRDAM_115KV_TB3 80664	38.05 0.81 0.00	38.51 0.71 0.00	35.78 0.68 0.00	38.31 0.72 0.00	39.68 0.73 0.00	46.32 0.81 0.00	100.01 1.88 0.00	73.25 1.35 0.00	55.23 0.98 0.00	65.98 1.12 0.00	67.67 1.11 0.00	66.92 1.08 0.00	60.49 1.02 0.00	69.71 1.23 0.00	64.53 1.26 0.00	65.51 1.30 0.00	69.35 1.49 0.00	57.02 1.35 0.00	75.91 1.88 0.00	70.77 1.76 0.00	60.94 1.53 0.00	53.40 1.20 0.00	44.53 1.00 0.00	45.03 0.90 0.00
RUSSELL___1 23602	36.75 -0.49 0.00	37.47 -0.32 0.00	34.66 -0.44 0.00	37.32 -0.27 0.00	38.63 -0.32 0.00	45.28 -0.23 0.00	96.87 -1.26 0.00	69.98 -1.37 0.55	49.93 -1.00 3.32	64.47 -0.69 -0.31	66.66 -0.52 -0.62	65.58 -0.26 0.00	59.10 -0.38 0.00	67.57 -0.69 0.23	55.97 -1.15 6.15	60.91 -1.02 2.27	66.42 -1.43 0.00	54.56 -1.11 0.00	72.61 -1.43 0.00	67.18 -1.27 0.56	58.39 -1.02 0.00	51.33 -0.87 0.00	42.93 -0.59 0.00	43.94 -0.19 0.00
RUSSELL___2 23532	36.75 -0.49 0.00	37.47 -0.32 0.00	34.66 -0.44 0.00	37.32 -0.27 0.00	38.63 -0.32 0.00	45.28 -0.23 0.00	96.87 -1.26 0.00	69.98 -1.37 0.55	49.93 -1.00 3.32	64.47 -0.69 -0.31	66.66 -0.52 -0.62	65.58 -0.26 0.00	59.10 -0.38 0.00	67.57 -0.69 0.23	55.97 -1.15 6.15	60.91 -1.02 2.27	66.42 -1.43 0.00	54.56 -1.11 0.00	72.61 -1.43 0.00	67.18 -1.27 0.56	58.39 -1.02 0.00	51.33 -0.87 0.00	42.93 -0.59 0.00	43.94 -0.19 0.00
RUSSELL___3 23549	36.75 -0.49 0.00	37.47 -0.32 0.00	34.66 -0.44 0.00	37.32 -0.27 0.00	38.63 -0.32 0.00	45.28 -0.23 0.00	96.87 -1.26 0.00	69.98 -1.37 0.55	49.93 -1.00 3.32	64.47 -0.69 -0.31	66.66 -0.52 -0.62	65.58 -0.26 0.00	59.10 -0.38 0.00	67.57 -0.69 0.23	55.97 -1.15 6.15	60.91 -1.02 2.27	66.42 -1.43 0.00	54.56 -1.11 0.00	72.61 -1.43 0.00	67.18 -1.27 0.56	58.39 -1.02 0.00	51.33 -0.87 0.00	42.93 -0.59 0.00	43.94 -0.19 0.00
RUSSELL___4 23556	36.75 -0.49 0.00	37.47 -0.32 0.00	34.66 -0.44 0.00	37.32 -0.27 0.00	38.63 -0.32 0.00	45.28 -0.23 0.00	96.87 -1.26 0.00	69.98 -1.37 0.55	49.93 -1.00 3.32	64.47 -0.69 -0.31	66.66 -0.52 -0.62	65.58 -0.26 0.00	59.10 -0.38 0.00	67.57 -0.69 0.23	55.97 -1.15 6.15	60.91 -1.02 2.27	66.42 -1.43 0.00	54.56 -1.11 0.00	72.61 -1.43 0.00	67.18 -1.27 0.56	58.39 -1.02 0.00	51.33 -0.87 0.00	42.93 -0.59 0.00	43.94 -0.19 0.00
RUSSELL___STATION 23914	36.75 -0.49 0.00	37.47 -0.32 0.00	34.66 -0.44 0.00	37.32 -0.27 0.00	38.63 -0.32 0.00	45.28 -0.23 0.00	96.87 -1.26 0.00	69.98 -1.37 0.55	49.93 -1.00 3.32	64.47 -0.69 -0.31	66.66 -0.52 -0.62	65.58 -0.26 0.00	59.10 -0.38 0.00	67.57 -0.69 0.23	55.97 -1.15 6.15	60.91 -1.02 2.27	66.42 -1.43 0.00	54.56 -1.11 0.00	72.61 -1.43 0.00	67.18 -1.27 0.56	58.39 -1.02 0.00	51.33 -0.87 0.00	42.93 -0.59 0.00	43.94 -0.19 0.00
S SALMON___HYD 24043	37.00 -0.24 0.00	37.55 -0.25 0.00	34.83 -0.28 0.00	37.39 -0.20 0.00	38.83 -0.12 0.00	45.37 -0.14 0.00	97.84 -0.29 0.00	72.00 0.10 0.00	54.38 0.13 0.00	65.15 0.29 0.00	66.98 0.41 0.00	65.80 -0.04 0.00	59.06 -0.42 0.00	69.32 0.33 -0.50	63.21 -0.06 0.00	64.22 0.02 0.00	67.58 -0.27 0.00	55.50 -0.17 0.00	73.87 -0.16 0.00	68.46 -0.55 0.00	58.77 -0.64 0.00	51.85 -0.36 0.00	43.50 -0.03 0.00	44.22 0.08 0.00
S.PERRY__115KV_TB1 80734	37.42 0.18 0.00	38.14 0.34 0.00	35.25 0.14 0.00	38.02 0.43 0.00	39.35 0.40 0.00	46.04 0.53 0.00	98.85 0.73 0.00	70.56 0.02 1.37	45.73 -0.30 8.23	68.36 -0.10 -3.60	74.15 0.33 -7.26	66.41 0.55 -0.02	59.45 -0.03 0.00	68.75 -0.37 -0.63	57.48 -1.17 4.62	66.65 -0.86 -3.30	67.25 -0.61 0.00	55.48 -0.19 0.00	74.11 0.07 0.00	68.07 0.37 1.30	60.05 0.63 0.00	52.78 0.57 0.00	44.01 0.49 0.00	45.07 0.94 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.77 -1.47 0.00	36.79 -1.00 0.00	33.97 -1.14 0.00	36.75 -0.83 0.00	37.93 -1.02 0.00	44.36 -1.15 0.00	93.52 -4.60 0.00	65.93 -5.02 0.96	44.56 -3.92 5.77	61.03 -3.83 0.00	62.88 -3.69 0.00	62.82 -3.02 0.00	56.43 -3.05 0.00	63.85 -4.01 6.62	45.80 -4.59 12.88	54.23 -4.31 5.67	62.60 -5.26 0.00	51.29 -4.38 0.00	68.27 -5.76 0.00	63.03 -5.02 0.96	55.43 -3.99 0.00	49.01 -3.20 0.00	41.30 -2.23 0.00	42.90 -1.23 0.00

SAWYER___23_KV_LOAD 55526	35.77 -1.47 0.00	36.79 -1.00 0.00	33.97 -1.14 0.00	36.75 -0.83 0.00	37.93 -1.02 0.00	44.36 -1.15 0.00	93.52 -4.60 0.00	65.93 -5.02 0.96	44.56 -3.92 5.77	61.03 -3.83 0.00	62.88 -3.69 0.00	62.82 -3.02 0.00	56.43 -3.05 0.00	63.85 -4.01 0.62	45.80 -4.59 12.88	54.23 -4.31 5.67	62.60 -5.26 0.00	51.29 -4.38 0.00	68.27 -5.76 0.00	63.03 -5.02 0.96	55.43 -3.99 0.00	49.01 -3.20 0.00	41.30 -2.23 0.00	42.90 -1.23 0.00
SELKIRK___I 23801	37.80 0.55 0.00	38.30 0.50 0.00	35.65 0.54 0.00	38.11 0.52 0.00	39.44 0.49 0.00	45.96 0.45 0.00	99.19 1.07 0.00	72.61 0.70 0.00	54.77 0.51 0.00	65.38 0.52 0.00	66.99 0.43 0.00	66.31 0.47 0.00	59.91 0.43 0.00	69.10 0.62 0.00	63.97 0.70 0.00	64.93 0.72 0.00	68.77 0.91 0.00	56.53 0.86 0.00	75.28 1.25 0.00	70.19 1.18 0.00	60.48 1.07 0.00	52.97 0.77 0.00	44.18 0.66 0.00	44.68 0.55 0.00
SELKIRK___II 23799	37.60 0.36 0.00	38.08 0.28 0.00	35.44 0.33 0.00	37.87 0.29 0.00	39.20 0.25 0.00	45.66 0.15 0.00	98.62 0.50 0.00	72.20 0.29 0.00	54.49 0.24 0.00	65.04 0.18 0.00	66.71 0.14 0.00	66.06 0.22 0.00	59.75 0.27 0.00	68.89 0.40 0.00	63.76 0.49 0.00	64.67 0.47 0.00	68.48 0.62 0.00	56.31 0.64 0.00	75.00 0.96 0.00	69.92 0.91 0.00	60.21 0.79 0.00	52.74 0.54 0.00	44.00 0.47 0.00	44.46 0.33 0.00
SENECA OSWGO___HYD 24041	36.38 -0.86 0.00	36.92 -0.88 0.00	34.25 -0.85 0.00	36.71 -0.87 0.00	38.05 -0.90 0.00	44.47 -1.04 0.00	95.78 -2.34 0.00	70.32 -1.58 0.00	53.11 -1.14 0.00	63.49 -1.38 0.00	65.20 -1.36 0.00	64.52 -1.32 0.00	58.33 -1.15 0.00	67.27 -1.39 -0.17	61.95 -1.32 0.00	62.84 -1.37 0.00	66.33 -1.53 0.00	54.60 -1.07 0.00	72.71 -1.32 0.00	67.77 -1.24 0.00	58.29 -1.12 0.00	51.14 -1.06 0.00	42.65 -0.88 0.00	43.26 -0.87 0.00
SENECA___115KV_TB3 355854	35.42 -1.15 0.68	36.46 -0.72 0.62	33.74 -0.89 0.47	36.42 -0.57 0.60	37.79 -0.78 0.38	44.61 -0.90 0.00	93.49 -3.73 0.90	66.36 -4.33 1.22	44.40 -3.49 6.36	61.50 -3.36 0.00	62.69 -3.18 0.70	63.04 -2.48 0.32	56.20 -2.54 0.74	63.49 -3.47 1.53	44.46 -4.17 14.64	53.98 -3.90 6.32	63.06 -4.60 0.20	51.26 -3.73 0.68	67.80 -4.83 1.40	63.28 -4.06 1.68	55.38 -3.10 0.93	48.76 -2.51 0.93	40.87 -1.73 0.93	42.55 -0.79 0.78
SENECA___ENERGY 23797	36.74 -0.50 0.00	37.34 -0.45 0.00	34.57 -0.54 0.00	37.11 -0.47 0.00	38.45 -0.50 0.00	44.97 -0.55 0.00	96.87 -1.26 0.00	70.82 -1.08 0.00	53.37 -0.89 0.00	64.21 -0.87 -0.21	66.23 -0.77 -0.43	65.26 -0.59 0.00	59.00 -0.48 0.00	67.75 -0.83 -0.09	61.96 -1.23 0.09	62.47 -1.20 0.54	66.71 -1.15 0.00	54.92 -0.76 0.00	73.41 -1.07 -0.44	68.29 -0.73 -0.01	58.87 -0.56 -0.03	51.64 -0.56 0.00	43.12 -0.41 0.00	43.90 -0.24 0.00
SHOEMAKER___GT 23640	38.61 1.37 0.00	39.01 1.22 0.00	36.21 1.10 0.00	38.64 1.05 0.00	40.02 1.07 0.00	46.77 1.26 0.00	101.37 3.24 0.00	74.14 2.23 0.00	56.13 1.88 0.00	66.87 2.01 0.00	68.75 2.19 0.00	68.28 2.44 0.00	62.18 2.70 0.00	71.74 3.25 0.00	65.93 2.66 0.00	66.74 2.53 0.00	70.64 2.78 0.00	58.07 2.39 0.00	77.51 3.47 0.00	72.33 3.32 0.00	62.16 2.75 0.00	54.61 2.41 0.00	45.54 2.02 0.00	46.03 1.90 0.00
SHOEMAKR_138KV_BK 111 55601	38.60 1.36 0.00	38.99 1.20 0.00	36.18 1.07 0.00	38.62 1.03 0.00	40.00 1.05 0.00	46.74 1.23 0.00	101.29 3.17 0.00	74.09 2.19 0.00	56.09 1.83 0.00	66.83 1.97 0.00	68.72 2.16 0.00	68.24 2.40 0.00	62.16 2.69 0.00	71.70 3.21 0.00	65.91 2.64 0.00	66.71 2.50 0.00	70.60 2.74 0.00	58.05 2.37 0.00	77.45 3.41 0.00	72.28 3.27 0.00	62.12 2.71 0.00	54.57 2.37 0.00	45.53 2.01 0.00	46.01 1.88 0.00
SHOREHAM_IC_1 23715	-30.67 0.75 68.66	-66.28 0.74 104.81	-36.19 0.67 71.97	-50.55 0.55 88.68	-20.68 0.40 60.03	45.45 0.53 0.59	66.23 1.39 33.28	73.74 1.84 0.00	56.07 1.81 0.00	66.65 1.79 0.00	67.99 1.43 0.00	67.76 1.92 0.00	61.93 2.45 0.00	69.89 2.83 1.42	51.99 1.79 13.07	20.34 1.32 45.19	23.95 1.59 45.50	40.69 1.55 16.53	76.09 2.70 0.64	51.60 1.78 19.19	58.23 2.06 3.24	19.50 1.26 33.96	-56.82 1.02 101.36	39.94 1.29 5.48
SHOREHAM_IC_2 23716	-30.66 0.76 68.66	-66.28 0.74 104.81	-36.19 0.67 71.97	-50.54 0.55 88.68	-20.68 0.39 60.03	45.45 0.53 0.59	66.24 1.40 33.28	73.75 1.84 0.00	56.07 1.81 0.00	66.65 1.79 0.00	68.00 1.43 0.00	67.76 1.92 0.00	61.94 2.46 0.00	69.89 2.83 1.42	52.04 1.84 13.07	20.34 1.32 45.19	23.96 1.60 45.50	40.71 1.57 16.53	76.08 2.69 0.64	51.61 1.79 19.19	58.23 2.06 3.24	19.50 1.27 33.96	-56.77 1.07 101.36	39.94 1.29 5.48
SISSONVILLE____ 23735	38.60 1.36 0.00	39.30 1.51 0.00	36.51 1.41 0.00	39.12 1.53 0.00	40.64 1.69 0.00	47.63 2.12 0.00	102.26 4.14 0.00	75.17 3.26 0.00	56.59 2.33 0.00	68.13 3.28 0.00	69.86 3.30 0.00	68.80 2.96 0.00	61.66 2.18 0.00	76.39 2.80 -5.11	65.93 2.66 0.00	67.10 2.89 0.00	70.52 2.66 0.00	56.95 1.28 0.00	75.48 1.45 0.00	70.05 1.05 0.00	60.21 0.80 0.00	53.64 1.43 0.00	44.83 1.30 0.00	45.53 1.40 0.00
SITHE_IND_GS1 24169	35.97 -1.28 0.00	36.50 -1.29 0.00	33.87 -1.23 0.00	36.30 -1.29 0.00	37.62 -1.33 0.00	43.94 -1.57 0.00	94.52 -3.61 0.00	69.36 -2.55 0.00	52.40 -1.86 0.00	62.59 -2.27 0.00	64.27 -2.30 0.00	63.59 -2.26 0.00	57.51 -1.97 0.00	66.13 -2.35 0.00	61.04 -2.23 0.00	61.91 -2.30 0.00	65.36 -2.50 0.00	53.79 -1.88 0.00	71.56 -2.48 0.00	66.72 -2.29 0.00	57.40 -2.02 0.00	50.40 -1.80 0.00	42.08 -1.44 0.00	42.71 -1.42 0.00
SITHE_IND_GS2 24170	35.97 -1.28 0.00	36.50 -1.29 0.00	33.87 -1.23 0.00	36.30 -1.29 0.00	37.62 -1.33 0.00	43.94 -1.57 0.00	94.52 -3.61 0.00	69.36 -2.55 0.00	52.40 -1.86 0.00	62.59 -2.27 0.00	64.27 -2.30 0.00	63.59 -2.26 0.00	57.51 -1.97 0.00	66.13 -2.35 0.00	61.04 -2.23 0.00	61.91 -2.30 0.00	65.36 -2.50 0.00	53.79 -1.88 0.00	71.56 -2.48 0.00	66.72 -2.29 0.00	57.40 -2.02 0.00	50.40 -1.80 0.00	42.08 -1.44 0.00	42.71 -1.42 0.00
SITHE_IND_GS3 24171	35.97 -1.28 0.00	36.50 -1.29 0.00	33.87 -1.23 0.00	36.30 -1.29 0.00	37.62 -1.33 0.00	43.94 -1.57 0.00	94.52 -3.61 0.00	69.36 -2.55 0.00	52.40 -1.86 0.00	62.59 -2.27 0.00	64.27 -2.30 0.00	63.59 -2.26 0.00	57.51 -1.97 0.00	66.13 -2.35 0.00	61.04 -2.23 0.00	61.91 -2.30 0.00	65.36 -2.50 0.00	53.79 -1.88 0.00	71.56 -2.48 0.00	66.72 -2.29 0.00	57.40 -2.02 0.00	50.40 -1.80 0.00	42.08 -1.44 0.00	42.71 -1.42 0.00
SITHE_IND_GS4 24172	35.97 -1.28 0.00	36.50 -1.29 0.00	33.87 -1.23 0.00	36.30 -1.29 0.00	37.62 -1.33 0.00	43.94 -1.57 0.00	94.52 -3.61 0.00	69.36 -2.55 0.00	52.40 -1.86 0.00	62.59 -2.27 0.00	64.27 -2.30 0.00	63.59 -2.26 0.00	57.51 -1.97 0.00	66.13 -2.35 0.00	61.04 -2.23 0.00	61.91 -2.30 0.00	65.36 -2.50 0.00	53.79 -1.88 0.00	71.56 -2.48 0.00	66.72 -2.29 0.00	57.40 -2.02 0.00	50.40 -1.80 0.00	42.08 -1.44 0.00	42.71 -1.42 0.00

SITHE___BATAVIA 24024	36.50 -0.33 0.42	37.46 0.05 0.38	34.69 -0.12 0.29	37.40 0.19 0.37	38.81 0.10 0.23	45.82 0.31 0.00	96.46 -1.11 0.56	69.01 -2.02 0.88	48.19 -1.39 4.68	64.06 -0.97 -0.17	65.76 -0.72 0.08	65.47 -0.17 0.20	58.35 -0.67 0.46	66.39 -1.15 0.95	51.48 -1.75 10.04	58.68 -1.44 4.09	65.50 -2.24 0.12	53.35 -1.90 0.42	70.80 -2.45 0.79	65.72 -2.16 1.13	57.11 -1.73 0.57	50.26 -1.36 0.58	42.10 -0.85 0.57	43.70 0.06 0.48
SITHE___INDEPEND 23800	35.96 -1.28 0.00	36.50 -1.29 0.00	33.87 -1.23 0.00	36.30 -1.28 0.00	37.62 -1.33 0.00	43.94 -1.57 0.00	94.52 -3.61 0.00	69.34 -2.56 0.00	52.40 -1.86 0.00	62.59 -2.27 0.00	64.27 -2.30 0.00	63.58 -2.26 0.00	57.51 -1.97 0.00	66.13 -2.35 0.00	61.05 -2.22 0.00	61.91 -2.30 0.00	65.37 -2.49 0.00	53.79 -1.88 0.00	71.56 -2.48 0.00	66.72 -2.29 0.00	57.40 -2.01 0.00	50.40 -1.81 0.00	42.08 -1.45 0.00	42.71 -1.42 0.00
SITHE___MASSENA 23902	38.21 0.96 0.00	38.90 1.10 0.00	36.14 1.03 0.00	38.70 1.11 0.00	40.14 1.19 0.00	47.04 1.53 0.00	101.19 3.06 0.00	74.23 2.32 0.00	55.91 1.65 0.00	67.03 2.17 0.00	68.72 2.15 0.00	67.83 1.99 0.00	61.00 1.52 0.00	70.04 1.73 0.18	65.02 1.75 0.00	66.14 1.93 0.00	69.81 1.95 0.00	56.77 1.09 0.00	75.29 1.26 0.00	70.06 1.05 0.00	60.33 0.92 0.00	53.37 1.16 0.00	44.35 0.83 0.00	45.03 0.90 0.00
SITHE___OGDNSBRG 24021	38.97 1.73 0.00	39.70 1.91 0.00	36.89 1.78 0.00	39.51 1.93 0.00	41.04 2.10 0.00	48.14 2.63 0.00	103.64 5.51 0.00	76.20 4.30 0.00	57.33 3.08 0.00	68.88 4.02 0.00	70.62 4.05 0.00	69.66 3.82 0.00	62.43 2.96 0.00	77.05 3.47 -5.10	66.70 3.43 0.00	67.85 3.64 0.00	71.57 3.71 0.00	57.94 2.26 0.00	76.83 2.80 0.00	71.39 2.38 0.00	61.38 1.97 0.00	54.44 2.24 0.00	45.26 1.74 0.00	45.96 1.83 0.00
SITHE___STERLING 23777	38.07 0.83 0.00	38.64 0.85 0.00	35.93 0.82 0.00	38.55 0.97 0.00	40.00 1.05 0.00	46.80 1.29 0.00	101.36 3.23 0.00	74.65 2.53 -0.22	57.51 1.93 -1.32	67.15 2.29 0.00	68.97 2.41 0.00	68.09 2.25 0.00	61.35 1.88 0.00	71.52 2.57 -0.47	67.37 2.23 -1.88	66.29 2.08 0.00	69.92 2.06 0.00	57.48 1.81 0.00	76.15 2.11 0.00	70.70 1.69 0.00	60.69 1.28 0.00	53.44 1.24 0.00	44.64 1.12 0.00	45.36 1.23 0.00
SLEIGHT__34_KV_TB1 80719	36.51 -0.73 0.00	37.15 -0.65 0.00	34.37 -0.74 0.00	36.93 -0.66 0.00	38.26 -0.69 0.00	44.83 -0.68 0.00	96.31 -1.81 0.00	70.13 -1.52 0.26	51.57 -1.11 1.58	63.99 -1.08 -0.20	66.03 -0.94 -0.40	65.10 -0.74 0.00	58.75 -0.73 0.00	67.33 -1.07 0.09	59.01 -1.37 2.89	61.76 -1.34 1.11	66.25 -1.61 0.00	54.52 -1.15 0.00	72.50 -1.54 0.00	67.32 -1.39 0.30	58.25 -1.16 0.00	51.15 -1.05 0.00	42.71 -0.82 0.00	43.53 -0.60 0.00
SMITHTWN_69_KV_BK 1 55830	-50.81 1.23 89.28	-97.33 1.17 136.30	-57.44 1.04 93.59	-76.80 0.93 115.32	-38.33 0.78 78.06	45.63 0.89 0.77	58.33 1.95 41.74	73.87 1.96 0.00	56.16 1.90 0.00	66.79 1.93 0.00	68.18 1.62 0.00	67.73 1.89 0.00	61.94 2.46 0.00	69.94 2.86 1.41	52.44 2.10 12.93	21.36 1.92 44.78	25.02 2.14 44.98	41.31 1.88 16.25	76.65 3.14 0.53	52.36 2.36 19.02	58.50 2.30 3.22	20.37 1.82 33.65	-72.48 1.72 117.72	40.57 1.84 5.40
SOUTH CAIRO___GT 23612	38.50 1.26 0.00	38.98 1.19 0.00	36.28 1.18 0.00	38.79 1.21 0.00	40.17 1.22 0.00	46.87 1.36 0.00	101.50 3.37 0.00	74.64 2.73 0.00	56.35 2.10 0.00	67.39 2.53 0.00	68.99 2.42 0.00	68.20 2.36 0.00	61.32 1.84 0.00	70.84 2.35 0.00	65.83 2.56 0.00	66.89 2.68 0.00	70.95 3.09 0.00	58.40 2.73 0.00	77.82 3.78 0.00	72.35 3.34 0.00	62.22 2.81 0.00	54.29 2.09 0.00	45.17 1.65 0.00	45.53 1.39 0.00
SOUTH HAMPTN___IC 23720	-29.61 0.97 67.82	-64.73 1.01 103.54	-35.23 0.75 71.09	-49.38 0.64 87.60	-19.89 0.46 59.30	45.92 1.00 0.59	68.17 2.99 32.95	74.95 3.04 0.00	56.97 2.71 0.00	67.73 2.87 0.00	69.18 2.61 0.00	68.84 3.00 0.00	62.94 3.47 0.00	70.89 3.83 1.43	51.88 1.72 13.10	20.26 1.34 45.30	23.84 1.61 45.63	40.84 1.78 16.61	77.36 4.00 0.67	52.93 3.15 19.24	59.23 3.06 3.25	19.89 1.73 34.05	-55.93 1.35 100.80	40.39 1.76 5.50
SOUTHDOW_115KV_TB1 355954	36.67 -0.58 0.00	37.53 -0.27 0.00	34.53 -0.58 0.00	37.27 -0.31 0.00	38.56 -0.38 0.00	45.02 -0.49 0.00	95.65 -2.47 0.00	67.20 -3.53 1.18	44.29 -2.89 7.08	62.55 -2.46 -0.15	64.07 -2.80 -0.31	63.60 -2.25 0.00	57.16 -2.33 0.00	64.56 -3.23 0.70	44.25 -3.91 15.11	54.49 -3.24 6.47	65.12 -2.74 0.00	53.97 -1.70 0.00	72.28 -1.76 0.00	66.86 -0.99 1.17	58.95 -0.46 0.00	51.80 -0.40 0.00	42.93 -0.60 0.00	43.59 -0.54 0.00
SOUTHOLD_69_KV_BK 2 55809	-29.68 0.88 67.80	-64.71 1.00 103.51	-35.40 0.57 71.07	-49.54 0.45 87.58	-20.12 0.21 59.28	46.07 1.14 0.59	69.25 4.07 32.94	75.86 3.95 0.00	57.68 3.43 0.00	68.57 3.71 0.00	70.05 3.49 0.00	69.71 3.86 0.00	63.73 4.25 0.00	71.54 4.48 1.43	51.31 1.14 13.10	19.66 0.74 45.29	23.21 0.98 45.63	40.62 1.55 16.61	78.23 4.86 0.67	53.85 4.07 19.23	59.94 3.77 3.25	19.97 1.81 34.04	-55.89 1.37 100.78	40.54 1.90 5.50
SOUTHOLD___IC 23719	-29.68 0.88 67.80	-64.72 1.00 103.51	-35.42 0.55 71.07	-49.55 0.44 87.58	-20.13 0.20 59.28	46.06 1.14 0.59	69.26 4.07 32.94	75.86 3.95 0.00	57.68 3.43 0.00	68.56 3.70 0.00	70.04 3.48 0.00	69.70 3.86 0.00	63.72 4.24 0.00	71.54 4.48 1.43	51.26 1.09 13.10	19.66 0.74 45.29	23.20 0.96 45.63	40.62 1.55 16.61	78.23 4.86 0.67	53.85 4.07 19.23	59.93 3.77 3.25	19.96 1.80 34.04	-55.99 1.27 100.78	40.53 1.90 5.50
SOUTH_FORK_WT_PWR 323839	-30.03 0.54 67.81	-65.00 0.73 103.52	-35.83 0.14 71.08	-50.00 0.00 87.59	-20.64 -0.30 59.29	45.88 0.96 0.59	69.42 4.24 32.94	76.07 4.17 0.00	57.83 3.57 0.00	68.74 3.88 0.00	70.24 3.68 0.00	69.89 4.05 0.00	63.89 4.41 0.00	71.52 4.46 1.43	50.18 0.02 13.10	18.56 -0.36 45.29	22.06 -0.17 45.63	39.92 0.85 16.61	78.27 4.91 0.67	54.04 4.27 19.24	60.02 3.86 3.25	19.55 1.39 34.04	-56.41 0.86 100.79	40.33 1.70 5.50
SPIERFLS_115KV_TB 1 80737	38.52 1.27 0.00	38.85 1.05 0.00	36.14 1.04 0.00	38.75 1.16 0.00	40.17 1.22 0.00	46.86 1.35 0.00	101.41 3.29 0.00	74.40 2.50 0.00	55.56 1.31 0.00	66.53 1.67 0.00	68.16 1.60 0.00	67.13 1.29 0.00	60.49 1.01 0.00	69.81 1.33 0.00	65.01 1.74 0.00	66.20 1.99 0.00	70.30 2.44 0.00	57.91 2.24 0.00	76.99 2.96 0.00	71.65 2.63 0.00	61.70 2.29 0.00	53.97 1.76 0.00	45.06 1.53 0.00	45.45 1.32 0.00
ST LAWRENCE____ 23600	37.57 0.33 0.00	38.23 0.43 0.00	35.51 0.40 0.00	38.01 0.42 0.00	39.42 0.48 0.00	46.17 0.66 0.00	99.39 1.27 0.00	72.89 0.98 0.00	54.91 0.65 0.00	65.78 0.92 0.00	67.43 0.87 0.00	66.57 0.73 0.00	59.93 0.46 0.00	68.49 0.46 0.45	63.84 0.57 0.00	64.92 0.71 0.00	68.59 0.73 0.00	55.88 0.21 0.00	74.13 0.10 0.00	69.04 0.04 0.00	59.49 0.07 0.00	52.49 0.28 0.00	43.61 0.09 0.00	44.26 0.13 0.00

STATE_CA_115KV_115_LB 55624	37.66 0.41 0.00	38.12 0.32 0.00	35.50 0.40 0.00	37.93 0.34 0.00	39.23 0.28 0.00	45.67 0.16 0.00	98.73 0.60 0.00	72.32 0.41 0.00	54.57 0.31 0.00	65.13 0.27 0.00	66.76 0.19 0.00	66.10 0.26 0.00	59.78 0.30 0.00	68.96 0.48 0.00	63.93 0.66 0.00	64.88 0.67 0.00	68.71 0.85 0.00	56.54 0.87 0.00	75.31 1.27 0.00	70.14 1.13 0.00	60.37 0.95 0.00	52.80 0.60 0.00	44.03 0.51 0.00	44.45 0.32 0.00
STATE_ST_34_KV_LOAD 55959	37.07 -0.17 0.00	37.72 -0.07 0.00	34.87 -0.24 0.00	37.38 -0.20 0.00	38.73 -0.22 0.00	45.30 -0.21 0.00	97.71 -0.42 0.00	71.99 -0.31 -0.40	56.42 -0.25 -2.41	64.73 -0.13 0.00	66.37 -0.19 0.00	65.73 -0.11 0.00	59.46 -0.02 0.00	68.57 -0.18 -0.26	67.32 -0.47 -4.52	65.19 -0.51 -1.49	67.53 -0.33 0.00	55.67 0.00 0.00	73.89 -0.15 0.00	69.39 0.14 -0.24	59.52 0.11 0.00	52.22 0.01 0.00	43.59 0.07 0.00	44.24 0.11 0.00
STATION_5_MISC_HYD 23604	36.38 -0.63 0.23	37.14 -0.45 0.21	34.40 -0.55 0.16	37.00 -0.38 0.20	38.37 -0.45 0.13	45.11 -0.41 0.00	96.18 -1.64 0.30	69.58 -1.72 0.61	49.64 -1.26 3.36	64.12 -1.04 -0.31	66.06 -0.89 -0.38	65.15 -0.58 0.11	58.54 -0.69 0.25	66.92 -1.05 0.52	55.42 -1.48 6.38	60.52 -1.36 2.33	66.00 -1.80 0.07	54.05 -1.40 0.23	72.19 -1.85 0.00	66.79 -1.66 0.56	57.80 -1.33 0.29	50.75 -1.14 0.32	42.40 -0.80 0.31	43.49 -0.38 0.27
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.65 -0.59 0.00	37.30 -0.49 0.00	34.52 -0.58 0.00	37.12 -0.47 0.00	38.43 -0.52 0.00	45.02 -0.50 0.00	96.66 -1.46 0.00	70.06 -1.32 0.53	50.06 -1.01 3.20	64.25 -0.88 -0.27	66.34 -0.77 -0.54	65.29 -0.55 0.00	58.91 -0.57 0.00	67.36 -0.90 0.23	56.02 -1.27 5.97	60.72 -1.22 2.27	66.43 -1.43 0.00	54.65 -1.03 0.00	72.66 -1.37 0.00	67.33 -1.16 0.52	58.48 -0.93 0.00	51.37 -0.83 0.00	42.91 -0.62 0.00	43.77 -0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.37 -0.87 0.00	37.09 -0.70 0.00	34.33 -0.78 0.00	36.94 -0.64 0.00	38.25 -0.70 0.00	44.80 -0.71 0.00	95.86 -2.26 0.00	69.25 -2.12 0.54	49.46 -1.57 3.22	63.71 -1.44 -0.29	65.83 -1.31 -0.58	64.79 -1.05 0.00	58.40 -1.08 0.00	66.77 -1.49 0.23	55.43 -1.84 5.99	60.22 -1.75 2.24	65.68 -2.18 0.00	53.94 -1.73 0.00	71.76 -2.28 0.00	66.40 -2.07 0.54	57.71 -1.70 0.00	50.76 -1.44 0.00	42.44 -1.08 0.00	43.44 -0.69 0.00
STA_56___34_KV_BUS2 355983	36.37 -0.87 0.00	37.09 -0.70 0.00	34.33 -0.78 0.00	36.94 -0.64 0.00	38.25 -0.70 0.00	44.80 -0.71 0.00	95.86 -2.26 0.00	69.25 -2.12 0.54	49.46 -1.57 3.22	63.71 -1.44 -0.29	65.83 -1.31 -0.58	64.79 -1.05 0.00	58.40 -1.08 0.00	66.77 -1.49 0.23	55.43 -1.84 5.99	60.22 -1.75 2.24	65.68 -2.18 0.00	53.94 -1.73 0.00	71.76 -2.28 0.00	66.40 -2.07 0.54	57.71 -1.70 0.00	50.76 -1.44 0.00	42.44 -1.08 0.00	43.44 -0.69 0.00
STA_67___115KV_BK2 355882	36.53 -0.72 0.00	37.28 -0.52 0.00	34.49 -0.62 0.00	37.13 -0.46 0.00	38.44 -0.51 0.00	45.02 -0.49 0.00	96.27 -1.86 0.00	69.49 -1.87 0.55	49.55 -1.40 3.31	63.98 -1.18 -0.30	66.13 -1.05 -0.61	65.06 -0.78 0.00	58.63 -0.85 0.00	67.02 -1.23 0.23	55.50 -1.63 6.14	60.42 -1.51 2.27	65.90 -1.96 0.00	54.11 -1.56 0.00	71.98 -2.05 0.00	66.62 -1.84 0.56	57.92 -1.49 0.00	50.94 -1.26 0.00	42.62 -0.90 0.00	43.66 -0.48 0.00
STA_7___115KV_9TRANS 80674	36.75 -0.49 0.00	37.47 -0.32 0.00	34.66 -0.44 0.00	37.32 -0.27 0.00	38.63 -0.32 0.00	45.28 -0.23 0.00	96.87 -1.26 0.00	69.98 -1.37 0.55	49.93 -1.00 3.32	64.47 -0.69 -0.31	66.66 -0.52 -0.62	65.58 -0.26 0.00	59.10 -0.38 0.00	67.57 -0.69 0.23	55.97 -1.15 6.15	60.91 -1.02 2.27	66.42 -1.43 0.00	54.56 -1.11 0.00	72.61 -1.43 0.00	67.18 -1.27 0.56	58.39 -1.02 0.00	51.33 -0.87 0.00	42.93 -0.59 0.00	43.94 -0.19 0.00
STA_82___115KV_TB1 80780	36.55 -0.70 0.00	37.29 -0.51 0.00	34.50 -0.60 0.00	37.16 -0.43 0.00	38.45 -0.50 0.00	45.05 -0.46 0.00	96.32 -1.80 0.00	69.50 -1.85 0.56	49.51 -1.38 3.37	64.01 -1.17 -0.32	66.19 -1.03 -0.65	65.11 -0.73 0.00	58.65 -0.83 0.00	67.04 -1.22 0.23	55.46 -1.62 6.19	60.45 -1.50 2.27	65.91 -1.94 0.00	54.13 -1.54 0.00	72.01 -2.02 0.00	66.61 -1.83 0.56	57.94 -1.47 0.00	50.95 -1.25 0.00	42.63 -0.89 0.00	43.68 -0.46 0.00
STEEL___WIND 323596	35.37 -1.19 0.68	36.42 -0.76 0.62	33.71 -0.93 0.47	36.39 -0.60 0.60	37.75 -0.81 0.38	44.56 -0.95 0.00	93.39 -3.84 0.90	66.24 -4.45 1.22	44.32 -3.57 6.36	61.39 -3.47 0.00	62.57 -3.30 0.70	62.90 -2.62 0.32	56.04 -2.70 0.74	63.32 -3.64 1.53	44.29 -4.34 14.64	53.86 -4.03 6.32	62.93 -4.73 0.20	51.19 -3.81 0.68	67.71 -4.93 1.40	63.24 -4.10 1.68	55.31 -3.17 0.93	48.71 -2.56 0.93	40.82 -1.77 0.93	42.49 -0.86 0.78
STEPHTWN_115KV_BK_2 55603	37.80 0.56 0.00	38.28 0.49 0.00	35.64 0.54 0.00	38.14 0.55 0.00	39.54 0.59 0.00	45.90 0.38 0.00	99.46 1.33 0.00	72.77 0.86 0.00	54.93 0.67 0.00	65.56 0.70 0.00	67.23 0.66 0.00	66.49 0.65 0.00	60.10 0.62 0.00	69.44 0.95 0.00	64.28 1.01 0.00	65.20 0.99 0.00	69.14 1.28 0.00	56.86 1.19 0.00	75.80 1.77 0.00	70.66 1.65 0.00	60.89 1.48 0.00	53.15 0.94 0.00	44.28 0.75 0.00	44.74 0.60 0.00
STEUBEN_REC_LFGE 323667	36.44 -0.80 0.00	37.14 -0.65 0.00	34.31 -0.79 0.00	37.05 -0.53 0.00	38.26 -0.69 0.00	44.37 -1.14 0.00	95.30 -2.83 0.00	65.70 -3.21 2.99	33.11 -3.17 17.98	62.85 -3.73 -1.72	67.19 -2.85 -3.47	63.49 -2.36 -0.01	56.91 -2.57 0.00	64.06 -3.21 1.22	27.27 -4.18 31.82	48.94 -3.67 11.60	65.15 -2.71 0.00	53.99 -1.68 0.00	72.03 -2.00 0.00	64.83 -1.53 2.65	58.29 -1.12 0.00	51.39 -0.81 0.00	42.80 -0.72 0.00	43.88 -0.25 0.00
STILLWATER___SOLAR 323814	38.62 1.38 0.00	39.00 1.20 0.00	36.27 1.16 0.00	38.87 1.28 0.00	40.29 1.34 0.00	46.97 1.46 0.00	101.55 3.43 0.00	74.38 2.48 0.00	55.90 1.64 0.00	66.81 1.95 0.00	68.43 1.87 0.00	67.55 1.71 0.00	60.96 1.48 0.00	70.23 1.75 0.00	65.31 2.04 0.00	66.41 2.20 0.00	70.43 2.58 0.00	57.99 2.31 0.00	77.20 3.16 0.00	71.86 2.85 0.00	61.90 2.49 0.00	54.10 1.90 0.00	45.11 1.58 0.00	45.57 1.44 0.00
STONY___BROOK 24151	-38.13 1.12 76.49	-77.91 1.07 116.77	-44.13 0.94 80.18	-60.38 0.84 98.80	-27.25 0.68 66.88	45.65 0.80 0.66	63.37 1.73 36.48	73.72 1.81 0.00	56.05 1.79 0.00	66.68 1.82 0.00	68.01 1.45 0.00	67.57 1.73 0.00	61.78 2.30 0.00	69.74 2.67 1.42	52.14 1.86 12.98	20.99 1.72 44.94	24.57 1.90 45.19	41.00 1.69 16.36	76.33 2.87 0.57	52.04 2.11 19.09	58.29 2.11 3.23	20.07 1.64 33.78	-62.40 1.55 107.48	40.43 1.73 5.43
STURGEON_POOL_HYD 23609	38.51 1.27 0.00	38.93 1.13 0.00	36.13 1.03 0.00	38.56 0.98 0.00	39.95 1.00 0.00	46.69 1.18 0.00	101.05 2.92 0.00	74.03 2.12 0.00	56.05 1.79 0.00	66.84 1.98 0.00	68.72 2.15 0.00	68.22 2.38 0.00	62.04 2.56 0.00	71.54 3.05 0.00	65.83 2.56 0.00	66.65 2.44 0.00	70.55 2.69 0.00	58.01 2.34 0.00	77.32 3.29 0.00	72.13 3.13 0.00	62.04 2.63 0.00	54.48 2.27 0.00	45.43 1.90 0.00	45.88 1.75 0.00

ST_LAW_115_BK7_LBMP 345037	37.62 0.38 0.00	38.28 0.48 0.00	35.57 0.46 0.00	38.08 0.49 0.00	39.50 0.54 0.00	46.26 0.75 0.00	99.55 1.43 0.00	73.00 1.10 0.00	54.99 0.73 0.00	65.90 1.04 0.00	67.56 1.00 0.00	66.69 0.85 0.00	60.03 0.55 0.00	68.60 0.57 0.45	63.96 0.69 0.00	65.03 0.82 0.00	68.70 0.84 0.00	55.95 0.28 0.00	74.23 0.19 0.00	69.11 0.10 0.00	59.55 0.14 0.00	52.56 0.35 0.00	43.67 0.15 0.00	44.32 0.19 0.00
ST_LAW_115_BK8_LBMP 345038	37.62 0.38 0.00	38.28 0.48 0.00	35.57 0.46 0.00	38.08 0.49 0.00	39.50 0.54 0.00	46.26 0.75 0.00	99.55 1.43 0.00	73.00 1.10 0.00	54.99 0.73 0.00	65.90 1.04 0.00	67.56 1.00 0.00	66.69 0.85 0.00	60.03 0.55 0.00	68.60 0.57 0.45	63.96 0.69 0.00	65.03 0.82 0.00	68.70 0.84 0.00	55.95 0.28 0.00	74.23 0.19 0.00	69.11 0.10 0.00	59.55 0.14 0.00	52.56 0.35 0.00	43.67 0.15 0.00	44.32 0.19 0.00
ST_LAW_230_BK5_LBMP 345035	37.57 0.33 0.00	38.23 0.43 0.00	35.51 0.40 0.00	38.01 0.42 0.00	39.42 0.48 0.00	46.17 0.66 0.00	99.39 1.27 0.00	72.89 0.98 0.00	54.91 0.65 0.00	65.78 0.92 0.00	67.43 0.87 0.00	66.57 0.73 0.00	59.93 0.46 0.00	68.49 0.46 0.46	63.84 0.57 0.00	64.92 0.71 0.00	68.59 0.73 0.00	55.88 0.21 0.00	74.13 0.10 0.00	69.04 0.04 0.00	59.49 0.07 0.00	52.49 0.28 0.00	43.61 0.09 0.00	44.26 0.13 0.00
ST_LAW_230_BK6_LBMP 345036	37.57 0.33 0.00	38.23 0.43 0.00	35.51 0.40 0.00	38.01 0.42 0.00	39.42 0.48 0.00	46.17 0.66 0.00	99.39 1.27 0.00	72.89 0.98 0.00	54.91 0.65 0.00	65.78 0.92 0.00	67.43 0.87 0.00	66.57 0.73 0.00	59.93 0.46 0.00	68.49 0.46 0.46	63.84 0.57 0.00	64.92 0.71 0.00	68.59 0.73 0.00	55.88 0.21 0.00	74.13 0.10 0.00	69.04 0.04 0.00	59.49 0.07 0.00	52.49 0.28 0.00	43.61 0.09 0.00	44.26 0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.69 1.45 0.00	39.06 1.27 0.00	36.25 1.14 0.00	38.66 1.07 0.00	40.04 1.09 0.00	46.79 1.28 0.00	101.49 3.37 0.00	74.21 2.30 0.00	56.20 1.94 0.00	66.94 2.08 0.00	68.88 2.31 0.00	68.44 2.60 0.00	62.41 2.93 0.00	71.96 3.47 0.00	66.14 2.88 0.00	66.92 2.71 0.00	70.81 2.95 0.00	58.24 2.57 0.00	77.70 3.67 0.00	72.53 3.52 0.00	62.31 2.90 0.00	54.75 2.55 0.00	45.66 2.14 0.00	46.14 2.01 0.00
SWANROAD_115KV_TB1 355699	35.49 -1.76 0.00	36.56 -1.24 0.00	33.80 -1.31 0.00	36.55 -1.04 0.00	37.73 -1.22 0.00	44.21 -1.31 0.00	92.24 -5.89 0.00	64.79 -6.21 0.90	44.25 -4.57 5.44	60.13 -4.73 0.00	62.04 -4.53 0.00	62.10 -3.74 0.00	55.44 -4.04 0.00	62.83 -5.07 0.59	45.92 -5.22 12.12	54.06 -4.81 5.34	61.59 -6.26 0.00	50.23 -5.45 0.00	66.82 -7.21 0.00	61.64 -6.46 0.90	54.07 -5.34 0.00	47.87 -4.34 0.00	40.47 -3.06 0.00	42.37 -1.76 0.00
SYNERGY___BIOGAS 323694	36.90 -0.34 0.00	37.83 0.04 0.00	34.98 -0.13 0.00	37.75 0.17 0.00	39.05 0.10 0.00	45.82 0.31 0.00	97.00 -1.12 0.00	69.18 -1.96 0.77	48.25 -1.39 4.62	64.06 -0.97 -0.17	66.19 -0.72 -0.35	65.67 -0.17 0.00	58.79 -0.68 0.00	66.90 -1.17 0.43	51.90 -1.74 9.63	58.82 -1.41 3.98	65.63 -2.23 0.00	53.73 -1.94 0.00	71.56 -2.48 0.00	66.10 -2.14 0.77	57.66 -1.76 0.00	50.84 -1.37 0.00	42.67 -0.86 0.00	44.18 0.05 0.00
SYRACUSE___ENERGY_ST1 323597	36.80 -0.44 0.00	37.34 -0.45 0.00	34.62 -0.48 0.00	37.11 -0.48 0.00	38.45 -0.50 0.00	44.98 -0.53 0.00	96.96 -1.16 0.00	71.14 -0.76 0.00	53.70 -0.55 0.00	64.20 -0.66 0.00	65.91 -0.65 0.00	65.24 -0.60 0.00	59.02 -0.46 0.00	67.98 -0.63 -0.12	62.54 -0.73 0.00	63.38 -0.83 0.00	66.99 -0.87 0.00	55.17 -0.51 0.00	73.43 -0.60 0.00	68.53 -0.48 0.00	58.95 -0.46 0.00	51.73 -0.48 0.00	43.16 -0.37 0.00	43.78 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	36.80 -0.44 0.00	37.34 -0.45 0.00	34.62 -0.48 0.00	37.11 -0.48 0.00	38.45 -0.50 0.00	44.98 -0.53 0.00	96.96 -1.16 0.00	71.14 -0.76 0.00	53.70 -0.55 0.00	64.20 -0.66 0.00	65.91 -0.65 0.00	65.24 -0.60 0.00	59.02 -0.46 0.00	67.98 -0.63 -0.12	62.54 -0.73 0.00	63.38 -0.83 0.00	66.99 -0.87 0.00	55.17 -0.51 0.00	73.43 -0.60 0.00	68.53 -0.48 0.00	58.95 -0.46 0.00	51.73 -0.48 0.00	43.16 -0.37 0.00	43.78 -0.36 0.00
SYRACUSE___POWER 24017	36.86 -0.38 0.00	37.40 -0.39 0.00	34.68 -0.42 0.00	37.17 -0.42 0.00	38.52 -0.43 0.00	45.09 -0.42 0.00	97.26 -0.87 0.00	71.66 -0.54 -0.29	55.61 -0.42 -1.77	64.34 -0.52 0.00	66.11 -0.45 0.00	65.42 -0.42 0.00	59.19 -0.29 0.00	68.40 -0.40 -0.32	66.10 -0.53 -3.36	64.73 -0.65 -1.18	67.13 -0.72 0.00	55.27 -0.40 0.00	73.63 -0.40 0.00	68.84 -0.33 -0.16	59.04 -0.37 0.00	51.81 -0.40 0.00	43.22 -0.31 0.00	43.84 -0.29 0.00
TALLMAN__138KV_BK151 55660	38.79 1.54 0.00	39.13 1.33 0.00	36.30 1.19 0.00	38.70 1.12 0.00	40.08 1.13 0.00	46.84 1.33 0.00	101.69 3.56 0.00	74.31 2.40 0.00	56.30 2.04 0.00	67.05 2.18 0.00	68.96 2.40 0.00	68.58 2.74 0.00	62.63 3.15 0.00	72.20 3.71 0.00	66.32 3.05 0.00	67.09 2.88 0.00	71.00 3.14 0.00	58.41 2.73 0.00	77.91 3.88 0.00	72.74 3.73 0.00	62.48 3.07 0.00	54.91 2.71 0.00	45.79 2.27 0.00	46.26 2.13 0.00
TEALLAVE_115KV_TB7 355573	36.63 -0.61 0.00	37.16 -0.63 0.00	34.47 -0.63 0.00	36.95 -0.64 0.00	38.29 -0.66 0.00	44.77 -0.74 0.00	96.49 -1.64 0.00	70.80 -1.11 0.00	53.47 -0.79 0.00	63.92 -0.94 0.00	65.67 -0.90 0.00	65.00 -0.84 0.00	58.79 -0.69 0.00	67.78 -0.85 -0.14	62.33 -0.94 0.00	63.18 -1.03 0.00	66.70 -1.16 0.00	54.89 -0.78 0.00	73.11 -0.93 0.00	68.15 -0.86 0.00	58.61 -0.80 0.00	51.45 -0.76 0.00	42.93 -0.59 0.00	43.57 -0.57 0.00
TELGRAPH_34_KV_EAST 80808	36.19 -1.05 0.00	37.19 -0.61 0.00	34.37 -0.74 0.00	37.14 -0.44 0.00	38.37 -0.58 0.00	44.97 -0.54 0.00	94.55 -3.58 0.00	66.97 -4.10 0.83	46.24 -3.02 5.00	61.98 -2.88 0.00	63.88 -2.68 0.00	63.83 -2.01 0.00	57.12 -2.36 0.00	64.81 -3.14 0.54	48.65 -3.52 11.10	56.16 -3.16 4.90	63.57 -4.28 0.00	52.00 -3.67 0.00	69.22 -4.81 0.00	63.93 -4.25 0.83	55.92 -3.49 0.00	49.40 -2.80 0.00	41.63 -1.90 0.00	43.30 -0.83 0.00
TEMPLE___115KV_TB 2 55572	36.64 -0.61 0.00	37.17 -0.62 0.00	34.49 -0.62 0.00	36.96 -0.63 0.00	38.29 -0.66 0.00	44.80 -0.72 0.00	96.53 -1.60 0.00	70.82 -1.09 0.00	53.50 -0.76 0.00	63.94 -0.92 0.00	65.70 -0.87 0.00	65.02 -0.82 0.00	58.81 -0.66 0.00	67.79 -0.84 -0.14	62.35 -0.92 0.00	63.20 -1.01 0.00	66.73 -1.12 0.00	54.93 -0.74 0.00	73.16 -0.87 0.00	68.21 -0.80 0.00	58.65 -0.76 0.00	51.47 -0.74 0.00	42.95 -0.57 0.00	43.58 -0.55 0.00
TIANA____69_KV_BK 1 55817	-29.56 1.01 67.81	-64.70 1.02 103.51	-35.15 0.82 71.07	-49.28 0.72 87.58	-19.79 0.54 59.28	45.86 0.94 0.59	67.84 2.65 32.94	74.68 2.77 0.00	56.76 2.50 0.00	67.48 2.62 0.00	68.90 2.34 0.00	68.57 2.73 0.00	62.71 3.23 0.00	70.68 3.62 1.43	52.11 1.95 13.10	20.45 1.54 45.29	24.03 1.80 45.63	40.93 1.86 16.61	77.11 3.74 0.67	52.67 2.89 19.23	59.04 2.88 3.25	19.90 1.74 34.04	-55.81 1.45 100.78	40.36 1.73 5.50

TILDEN___115KV_TB1 80814	36.86 -0.38 0.00	37.40 -0.39 0.00	34.68 -0.42 0.00	37.17 -0.42 0.00	38.52 -0.43 0.00	45.09 -0.42 0.00	97.26 -0.87 0.00	71.66 -0.54 -0.29	55.61 -0.42 -1.77	64.34 -0.52 0.00	66.11 -0.45 0.00	65.42 -0.42 0.00	59.19 -0.29 0.00	68.40 -0.40 -0.32	66.10 -0.53 -3.36	64.73 -0.65 -1.18	67.13 -0.72 0.00	55.27 -0.40 0.00	73.63 -0.40 0.00	68.84 -0.33 -0.16	59.04 -0.37 0.00	51.81 -0.40 0.00	43.22 -0.31 0.00	43.84 -0.29 0.00
TRIGEN___CC 323695	38.88 1.64 0.00	39.33 1.53 0.00	36.46 1.35 0.00	38.86 1.28 0.00	40.15 1.20 0.00	46.95 1.44 0.00	100.55 3.22 0.79	74.48 2.57 0.00	56.56 2.31 0.00	67.28 2.42 0.00	68.99 2.43 0.00	68.54 2.70 0.00	62.63 3.15 0.00	71.95 3.64 0.18	66.07 2.86 0.06	59.52 2.78 7.47	64.21 3.02 6.68	60.61 2.61 -2.32	83.58 3.95 -5.59	69.20 3.37 3.18	61.90 3.03 0.54	48.98 2.56 5.78	38.80 2.25 6.98	46.27 2.35 0.22
TRINITY___115KV___4 BK 55933	37.42 0.17 0.00	37.87 0.07 0.00	35.28 0.18 0.00	37.68 0.10 0.00	38.99 0.04 0.00	45.38 -0.13 0.00	98.04 -0.09 0.00	71.77 -0.13 0.00	54.15 -0.10 0.00	64.63 -0.23 0.00	66.25 -0.32 0.00	65.59 -0.25 0.00	59.33 -0.15 0.00	68.41 -0.08 0.00	63.41 0.14 0.00	64.34 0.13 0.00	68.16 0.30 0.00	56.08 0.41 0.00	74.69 0.66 0.00	69.59 0.58 0.00	59.91 0.50 0.00	52.42 0.22 0.00	43.72 0.20 0.00	44.16 0.02 0.00
UNION___PROCESSING_DRP 323587	36.55 -0.69 0.00	37.30 -0.50 0.00	34.51 -0.59 0.00	37.16 -0.42 0.00	38.45 -0.50 0.00	45.06 -0.45 0.00	96.34 -1.79 0.00	69.52 -1.83 0.56	49.53 -1.35 3.37	64.02 -1.16 -0.32	66.19 -1.02 -0.64	65.12 -0.72 0.00	58.67 -0.81 0.00	67.07 -1.19 0.23	55.44 -1.61 6.21	60.42 -1.50 2.29	65.94 -1.92 0.00	54.14 -1.53 0.00	72.02 -2.01 0.00	66.63 -1.82 0.56	57.94 -1.47 0.00	50.97 -1.23 0.00	42.65 -0.88 0.00	43.68 -0.46 0.00
UPPER HUDSON___HYD 24058	38.52 1.28 0.00	38.85 1.05 0.00	36.14 1.03 0.00	38.74 1.16 0.00	40.17 1.22 0.00	46.86 1.35 0.00	101.41 3.29 0.00	74.41 2.50 0.00	55.56 1.30 0.00	66.53 1.67 0.00	68.16 1.60 0.00	67.13 1.29 0.00	60.48 1.00 0.00	69.81 1.32 0.00	65.01 1.74 0.00	66.20 1.99 0.00	70.30 2.44 0.00	57.90 2.23 0.00	77.00 2.96 0.00	71.65 2.64 0.00	61.70 2.29 0.00	53.97 1.76 0.00	45.05 1.53 0.00	45.45 1.32 0.00
UPPER RAQUET___HYD 24056	38.60 1.36 0.00	39.31 1.51 0.00	36.51 1.41 0.00	39.12 1.54 0.00	40.64 1.69 0.00	47.63 2.12 0.00	102.27 4.14 0.00	75.17 3.26 0.00	56.59 2.34 0.00	68.13 3.27 0.00	69.86 3.30 0.00	68.80 2.96 0.00	61.66 2.18 0.00	76.39 2.79 -5.11	65.94 2.67 0.00	67.10 2.89 0.00	70.52 2.66 0.00	56.95 1.28 0.00	75.48 1.44 0.00	70.05 1.04 0.00	60.21 0.80 0.00	53.63 1.43 0.00	44.83 1.30 0.00	45.53 1.40 0.00
VALLEY44_115KV_TB2 355964	36.19 -1.05 0.00	37.05 -0.74 0.00	34.18 -0.93 0.00	36.90 -0.68 0.00	37.98 -0.96 0.00	44.27 -1.24 0.00	95.03 -3.09 0.00	67.13 -3.56 1.22	43.99 -2.93 7.35	61.73 -3.13 0.00	63.56 -3.00 0.00	63.53 -2.31 0.00	57.49 -1.99 0.00	64.99 -2.70 0.79	43.43 -3.64 16.20	53.34 -3.65 7.21	63.80 -4.06 0.00	52.69 -2.98 0.00	70.37 -3.66 0.00	65.14 -2.66 1.21	57.57 -1.84 0.00	50.65 -1.56 0.00	42.39 -1.14 0.00	43.59 -0.54 0.00
VALLEY___115KV_TB 1-4 80826	38.45 1.21 0.00	38.78 0.98 0.00	36.11 1.00 0.00	38.64 1.06 0.00	39.94 0.99 0.00	46.60 1.08 0.00	100.77 2.64 0.00	73.90 2.00 0.00	55.72 1.46 0.00	66.26 1.40 0.00	67.89 1.33 0.00	67.29 1.45 0.00	60.84 1.37 0.00	70.32 1.71 -0.12	64.84 1.57 0.00	65.81 1.60 0.00	69.70 1.84 0.00	57.27 1.60 0.00	76.20 2.17 0.00	70.90 1.89 0.00	60.97 1.56 0.00	53.41 1.20 0.00	44.53 1.01 0.00	45.04 0.91 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.43 1.19 0.00	39.03 1.23 0.00	36.21 1.11 0.00	38.75 1.17 0.00	40.18 1.23 0.00	46.88 1.37 0.00	101.47 3.34 0.00	74.49 2.41 -0.18	57.19 1.86 -1.07	66.79 2.12 0.18	68.45 2.25 0.37	68.18 2.34 0.00	61.71 2.23 0.00	71.42 2.90 -0.04	66.75 2.53 -0.95	65.60 1.97 0.57	70.05 2.19 0.00	57.57 1.90 0.00	76.75 2.72 0.00	71.94 2.64 -0.29	61.60 2.19 0.00	54.05 1.85 0.00	45.13 1.61 0.00	45.77 1.64 0.00
VISCHER___FERRY HYD 24020	38.24 1.00 0.00	38.59 0.80 0.00	35.93 0.82 0.00	38.47 0.89 0.00	39.84 0.89 0.00	46.40 0.88 0.00	100.23 2.11 0.00	73.30 1.39 0.00	55.19 0.93 0.00	65.89 1.02 0.00	67.53 0.96 0.00	66.77 0.93 0.00	60.30 0.82 0.00	69.47 0.98 0.00	64.54 1.27 0.00	65.59 1.38 0.00	69.52 1.67 0.00	57.24 1.56 0.00	76.25 2.22 0.00	70.98 1.97 0.00	61.11 1.70 0.00	53.40 1.20 0.00	44.55 1.02 0.00	44.99 0.86 0.00
V_A_10_SYNC_DSASP 323832	35.77 -1.48 0.00	36.72 -1.08 0.00	33.92 -1.19 0.00	36.67 -0.91 0.00	37.87 -1.08 0.00	44.33 -1.18 0.00	93.65 -4.48 0.00	66.48 -4.64 0.79	45.92 -3.58 4.75	61.30 -3.56 0.00	63.14 -3.42 0.00	62.99 -2.86 0.00	56.64 -2.83 0.00	64.30 -3.68 0.51	48.47 -4.19 10.62	55.58 -3.97 4.66	62.95 -4.91 0.00	51.55 -4.12 0.00	68.66 -5.38 0.00	63.43 -4.79 0.79	55.54 -3.87 0.00	49.09 -3.12 0.00	41.32 -2.20 0.00	42.83 -1.30 0.00
V_CMM_10_SYNC_DSASP 323787	37.81 0.56 0.00	38.49 0.69 0.00	35.75 0.65 0.00	38.28 0.69 0.00	39.70 0.75 0.00	46.52 1.00 0.00	99.96 1.84 0.00	73.38 1.47 0.00	55.28 1.02 0.00	66.24 1.38 0.00	67.90 1.33 0.00	67.04 1.21 0.00	60.35 0.87 0.00	68.98 0.94 0.45	64.28 1.01 0.00	65.37 1.16 0.00	69.06 1.20 0.00	56.25 0.57 0.00	74.60 0.57 0.00	69.48 0.47 0.00	59.86 0.45 0.00	52.85 0.64 0.00	43.89 0.37 0.00	44.55 0.42 0.00
V_CMP_10_SYNC_DSASP 323788	38.20 0.96 0.00	38.73 0.94 0.00	36.02 0.91 0.00	38.50 0.92 0.00	39.95 1.00 0.00	46.84 1.33 0.00	100.71 2.58 0.00	73.88 1.98 0.00	55.60 1.34 0.00	66.43 1.57 0.00	67.75 1.18 0.00	66.87 1.03 0.00	60.10 0.62 0.00	67.94 0.45 0.99	63.89 0.62 0.00	65.25 1.05 0.00	69.06 1.20 0.00	55.65 -0.02 0.00	73.47 -0.56 0.00	68.39 -0.62 0.00	58.99 -0.42 0.00	52.29 0.09 0.00	43.61 0.09 0.00	44.26 0.13 0.00
V_D_10_SYNC_DSASP 323841	38.19 0.95 0.00	38.88 1.08 0.00	36.12 1.02 0.00	38.68 1.09 0.00	40.13 1.18 0.00	47.02 1.51 0.00	101.16 3.03 0.00	74.19 2.28 0.00	55.87 1.61 0.00	67.01 2.14 0.00	68.69 2.13 0.00	67.80 1.96 0.00	60.98 1.50 0.00	69.74 1.71 0.45	65.00 1.73 0.00	66.10 1.89 0.00	69.76 1.90 0.00	56.75 1.08 0.00	75.27 1.24 0.00	70.05 1.04 0.00	60.31 0.90 0.00	53.35 1.14 0.00	44.34 0.82 0.00	45.02 0.89 0.00
V_E_10_SYNC_DSASP 323830	38.87 1.38 -0.25	39.51 1.49 -0.23	36.66 1.38 -0.17	39.52 1.72 -0.22	40.93 1.84 -0.14	47.29 1.78 0.00	103.99 5.54 -0.33	77.24 3.60 -1.73	66.48 2.15 -10.07	66.18 1.54 0.23	68.77 2.41 0.20	68.07 2.11 -0.12	62.37 2.62 -0.27	73.01 3.23 -1.30	85.09 2.71 -19.11	72.66 1.95 -6.50	69.34 1.41 -0.07	57.30 1.38 -0.25	77.00 2.46 -0.50	73.17 2.58 -1.58	62.31 2.56 -0.34	54.85 2.30 -0.34	46.57 2.70 -0.34	47.29 2.87 -0.29

V_F_30_NSYNC___DSASP 323816	38.65 1.41 0.00	39.05 1.25 0.00	36.31 1.20 0.00	38.90 1.32 0.00	40.33 1.38 0.00	47.04 1.53 0.00	101.68 3.56 0.00	74.47 2.56 0.00	55.98 1.72 0.00	66.92 2.06 0.00	68.56 2.00 0.00	67.68 1.84 0.00	61.09 1.61 0.00	70.39 1.90 0.00	65.40 2.13 0.00	66.50 2.29 0.00	70.52 2.67 0.00	58.06 2.39 0.00	77.28 3.25 0.00	71.95 2.95 0.00	61.98 2.57 0.00	54.17 1.96 0.00	45.16 1.64 0.00	45.64 1.51 0.00
V_F_30_SYNC_DSASP 323786	37.65 0.40 0.00	38.10 0.31 0.00	35.49 0.39 0.00	37.91 0.33 0.00	39.23 0.28 0.00	45.67 0.16 0.00	98.73 0.60 0.00	72.31 0.40 0.00	54.56 0.30 0.00	65.12 0.26 0.00	66.75 0.19 0.00	66.10 0.25 0.00	59.76 0.29 0.00	68.94 0.45 0.00	63.91 0.64 0.00	64.86 0.65 0.00	68.70 0.84 0.00	56.53 0.86 0.00	75.28 1.25 0.00	70.13 1.12 0.00	60.36 0.94 0.00	52.80 0.59 0.00	44.02 0.49 0.00	44.44 0.31 0.00
V_XM_10_SYNC_DSASP 323789	38.20 0.96 0.00	38.73 0.94 0.00	36.02 0.91 0.00	38.50 0.92 0.00	39.95 1.00 0.00	46.84 1.33 0.00	100.71 2.58 0.00	73.88 1.98 0.00	55.60 1.34 0.00	66.43 1.57 0.00	67.74 1.18 0.00	66.87 1.03 0.00	60.10 0.62 0.00	67.95 0.45 0.99	63.88 0.62 0.00	65.25 1.05 0.00	69.06 1.20 0.00	55.65 -0.02 0.00	73.47 -0.56 0.00	68.39 -0.62 0.00	58.99 -0.42 0.00	52.29 0.09 0.00	43.61 0.09 0.00	44.26 0.13 0.00
W.BABYLN_69_KV_BK1 56697	33.66 1.93 5.51	31.19 1.81 8.41	30.95 1.62 5.78	32.04 1.57 7.12	35.58 1.45 4.82	47.12 1.66 0.05	95.46 3.75 6.41	74.92 3.01 0.00	56.91 2.65 0.00	67.63 2.77 0.00	69.14 2.58 0.00	68.81 2.97 0.00	62.97 3.49 0.00	71.30 3.99 1.18	55.90 3.09 10.46	29.83 3.03 37.41	35.60 3.30 35.56	47.64 2.87 10.90	80.07 4.42 -1.62	56.66 3.56 15.90	60.11 3.38 2.68	26.97 2.77 28.01	4.73 2.61 41.41	42.87 2.58 3.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.96 1.72 0.00	39.32 1.52 0.00	36.47 1.36 0.00	38.89 1.31 0.00	40.27 1.32 0.00	47.08 1.56 0.00	102.20 4.07 0.00	74.74 2.83 0.00	56.63 2.37 0.00	67.44 2.58 0.00	69.39 2.82 0.00	68.98 3.14 0.00	62.99 3.51 0.00	72.61 4.12 0.00	66.70 3.44 0.00	67.48 3.28 0.00	71.43 3.57 0.00	58.75 3.08 0.00	78.39 4.35 0.00	73.16 4.15 0.00	62.84 3.42 0.00	55.21 3.01 0.00	46.03 2.51 0.00	46.49 2.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.08 1.84 0.00	39.44 1.64 0.00	36.59 1.49 0.00	38.98 1.40 0.00	40.37 1.42 0.00	47.22 1.71 0.00	102.39 4.26 0.00	74.96 3.06 0.00	56.88 2.62 0.00	67.80 2.94 0.00	69.73 3.17 0.00	69.32 3.48 0.00	63.27 3.79 0.00	72.95 4.46 0.00	67.02 3.75 0.00	67.83 3.62 0.00	71.88 4.03 0.00	59.05 3.38 0.00	78.74 4.71 0.00	73.40 4.39 0.00	63.02 3.61 0.00	55.42 3.22 0.00	46.23 2.71 0.00	46.66 2.53 0.00
W50THST__13_KV_LOAD 356117	39.27 2.03 0.00	39.63 1.83 0.00	36.76 1.65 0.00	39.17 1.59 0.00	40.55 1.60 0.00	47.45 1.93 0.00	102.89 4.76 0.00	75.32 3.42 0.00	57.19 2.94 0.00	68.17 3.30 0.00	70.12 3.56 0.00	69.74 3.90 0.00	63.66 4.18 0.00	73.40 4.92 0.00	67.43 4.16 0.00	68.27 4.06 0.00	72.31 4.46 0.00	59.41 3.74 0.00	79.20 5.16 0.00	73.81 4.80 0.00	63.34 3.92 0.00	55.70 3.50 0.00	46.46 2.94 0.00	46.90 2.77 0.00
WADING RIVER_IC_1 23522	-30.01 0.80 68.05	-65.31 0.78 103.88	-35.52 0.70 71.33	-49.73 0.58 87.89	-20.11 0.43 59.49	45.49 0.57 0.59	66.51 1.43 33.04	73.72 1.81 0.00	56.04 1.78 0.00	66.64 1.78 0.00	68.01 1.44 0.00	67.71 1.87 0.00	61.92 2.44 0.00	69.87 2.82 1.43	51.93 1.77 13.11	20.23 1.35 45.33	23.78 1.59 45.67	40.60 1.56 16.63	76.07 2.72 0.68	51.60 1.84 19.25	58.23 2.06 3.25	19.44 1.30 34.07	-56.40 1.10 101.02	39.96 1.34 5.51
WADING RIVER_IC_2 23547	-30.01 0.80 68.05	-65.31 0.78 103.88	-35.52 0.70 71.33	-49.73 0.58 87.89	-20.11 0.43 59.49	45.49 0.57 0.59	66.51 1.43 33.04	73.72 1.81 0.00	56.04 1.78 0.00	66.64 1.78 0.00	68.01 1.44 0.00	67.71 1.87 0.00	61.92 2.44 0.00	69.87 2.82 1.43	51.93 1.77 13.11	20.23 1.35 45.33	23.78 1.59 45.67	40.60 1.56 16.63	76.07 2.72 0.68	51.60 1.84 19.25	58.23 2.06 3.25	19.44 1.30 34.07	-56.40 1.10 101.02	39.96 1.34 5.51
WADING RIVER_IC_3 23601	-30.01 0.80 68.05	-65.31 0.78 103.88	-35.52 0.70 71.33	-49.73 0.58 87.89	-20.11 0.43 59.49	45.49 0.57 0.59	66.51 1.43 33.04	73.72 1.81 0.00	56.04 1.78 0.00	66.64 1.78 0.00	68.01 1.44 0.00	67.71 1.87 0.00	61.92 2.44 0.00	69.87 2.82 1.43	51.93 1.77 13.11	20.23 1.35 45.33	23.78 1.59 45.67	40.60 1.56 16.63	76.07 2.72 0.68	51.60 1.84 19.25	58.23 2.06 3.25	19.44 1.30 34.07	-56.40 1.10 101.02	39.96 1.34 5.51
WALDENNY_12_KV_BK2 80841	36.10 -1.14 0.00	37.11 -0.68 0.00	34.24 -0.86 0.00	37.04 -0.54 0.00	38.22 -0.73 0.00	44.70 -0.82 0.00	94.42 -3.70 0.00	66.58 -4.30 1.03	44.67 -3.41 6.17	61.55 -3.31 0.00	63.49 -3.08 0.00	63.49 -2.35 0.00	56.94 -2.54 0.00	64.41 -3.41 0.67	45.43 -4.06 13.78	54.36 -3.78 6.07	63.27 -4.59 0.00	51.88 -3.79 0.00	69.10 -4.93 0.00	63.82 -4.16 1.02	56.18 -3.24 0.00	49.62 -2.58 0.00	41.76 -1.76 0.00	43.33 -0.80 0.00
WALDEN__HYDRO 24148	38.84 1.60 0.00	39.20 1.41 0.00	36.38 1.28 0.00	38.80 1.22 0.00	40.20 1.24 0.00	46.99 1.48 0.00	101.90 3.78 0.00	74.57 2.66 0.00	56.48 2.22 0.00	67.29 2.43 0.00	69.21 2.65 0.00	68.73 2.89 0.00	62.65 3.17 0.00	72.26 3.77 0.00	66.45 3.18 0.00	67.23 3.02 0.00	71.16 3.31 0.00	58.53 2.86 0.00	78.09 4.05 0.00	72.87 3.86 0.00	62.61 3.20 0.00	55.00 2.80 0.00	45.86 2.33 0.00	46.31 2.18 0.00
WARRENSBURG____ 23737	38.52 1.27 0.00	38.85 1.05 0.00	36.14 1.04 0.00	38.75 1.16 0.00	40.17 1.22 0.00	46.86 1.35 0.00	101.41 3.29 0.00	74.40 2.50 0.00	55.56 1.31 0.00	66.53 1.67 0.00	68.16 1.60 0.00	67.13 1.29 0.00	60.49 1.01 0.00	69.81 1.33 0.00	65.01 1.74 0.00	66.20 1.99 0.00	70.30 2.44 0.00	57.91 2.24 0.00	76.99 2.96 0.00	71.65 2.63 0.00	61.70 2.29 0.00	53.97 1.76 0.00	45.06 1.53 0.00	45.45 1.32 0.00
WATERSIDE____6 8 9 23538	38.96 1.72 0.00	39.33 1.54 0.00	36.50 1.39 0.00	38.87 1.28 0.00	40.26 1.31 0.00	47.09 1.58 0.00	101.99 3.87 0.00	74.65 2.75 0.00	56.65 2.40 0.00	67.46 2.60 0.00	69.40 2.84 0.00	68.98 3.14 0.00	62.99 3.51 0.00	72.62 4.14 0.00	66.73 3.46 0.00	67.54 3.34 0.00	71.55 3.69 0.00	58.81 3.14 0.00	78.39 4.36 0.00	73.09 4.07 0.00	62.76 3.35 0.00	55.24 3.03 0.00	46.08 2.56 0.00	46.52 2.39 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.10 0.86 0.00	38.50 0.71 0.00	35.82 0.71 0.00	38.33 0.75 0.00	39.66 0.71 0.00	46.28 0.76 0.00	100.00 1.87 0.00	73.35 1.44 0.00	55.31 1.05 0.00	65.90 1.04 0.00	67.55 0.99 0.00	66.94 1.10 0.00	60.50 1.03 0.00	69.90 1.29 -0.12	64.44 1.17 0.00	65.40 1.19 0.00	69.22 1.36 0.00	56.88 1.21 0.00	75.69 1.65 0.00	70.44 1.43 0.00	60.60 1.19 0.00	53.12 0.92 0.00	44.29 0.77 0.00	44.83 0.69 0.00

WDELAWARE___HYD 323627	38.26 1.02 0.00	38.68 0.88 0.00	35.87 0.77 0.00	38.30 0.72 0.00	39.71 0.76 0.00	46.44 0.93 0.00	100.73 2.60 0.00	73.81 1.90 0.00	55.88 1.62 0.00	66.60 1.74 0.00	68.47 1.90 0.00	67.98 2.15 0.00	61.91 2.43 0.00	71.40 2.91 0.00	65.62 2.35 0.00	66.40 2.19 0.00	70.26 2.41 0.00	57.80 2.13 0.00	77.10 3.07 0.00	71.94 2.93 0.00	61.79 2.38 0.00	54.23 2.03 0.00	45.18 1.65 0.00	45.64 1.50 0.00
WEST BABYLON___IC 23714	33.66 1.93 5.51	31.19 1.81 8.41	30.95 1.62 5.78	32.04 1.57 7.12	35.58 1.45 4.82	47.12 1.66 0.05	95.46 3.75 6.41	74.92 3.01 0.00	56.91 2.65 0.00	67.63 2.77 0.00	69.14 2.58 0.00	68.81 2.97 0.00	62.97 3.49 0.00	71.30 3.99 1.18	55.90 3.09 10.46	29.83 3.03 37.41	35.60 3.30 35.56	47.64 2.87 10.90	80.07 4.42 -1.62	56.66 3.56 15.90	60.11 3.38 2.68	26.97 2.77 28.01	4.73 2.61 41.41	42.87 2.58 3.84
WEST CANADA___HYD 24049	37.31 0.07 0.00	37.83 0.04 0.00	35.14 0.04 0.00	37.62 0.04 0.00	38.98 0.04 0.00	45.52 0.00 0.00	98.20 0.07 0.00	71.97 0.07 0.00	54.31 0.05 0.00	64.87 0.01 0.00	66.58 0.02 0.00	65.87 0.03 0.00	59.54 0.07 0.00	68.75 0.14 -0.12	63.39 0.12 0.00	64.31 0.10 0.00	67.95 0.09 0.00	55.84 0.16 0.00	74.25 0.22 0.00	69.18 0.17 0.00	59.55 0.13 0.00	52.27 0.07 0.00	43.63 0.11 0.00	44.22 0.09 0.00
WESTERN_NY_WIND 24143	36.85 -0.39 0.00	37.79 0.00 0.00	34.94 -0.17 0.00	37.72 0.13 0.00	38.99 0.04 0.00	45.77 0.25 0.00	96.84 -1.29 0.00	69.01 -2.11 0.79	48.00 -1.51 4.74	63.92 -1.10 -0.16	66.02 -0.86 -0.32	65.53 -0.31 0.00	58.67 -0.81 0.00	66.73 -1.31 0.44	51.43 -1.89 9.95	58.51 -1.56 4.14	65.47 -2.39 0.00	53.60 -2.07 0.00	71.36 -2.67 0.00	65.91 -2.31 0.79	57.54 -1.88 0.00	50.73 -1.48 0.00	42.58 -0.94 0.00	44.11 -0.02 0.00
WESTOVER___LESR 323668	37.18 -0.07 0.00	37.74 -0.05 0.00	34.99 -0.12 0.00	37.55 -0.04 0.00	38.84 -0.10 0.00	45.32 -0.19 0.00	98.01 -0.11 0.00	71.24 -0.27 0.39	51.53 -0.36 2.37	64.03 -0.31 0.52	65.23 -0.28 1.05	65.82 -0.02 0.00	59.67 0.19 0.00	68.10 0.09 0.47	56.37 -0.50 6.40	60.30 -0.59 3.32	67.35 -0.51 0.00	55.35 -0.32 0.00	74.92 0.89 0.00	69.97 0.96 0.00	59.66 0.24 0.00	52.33 0.13 0.00	43.68 0.16 0.00	44.44 0.31 0.00
WETHRSFD_WT_PWR 323626	35.78 -1.46 0.00	36.60 -1.20 0.00	33.76 -1.35 0.00	36.48 -1.10 0.00	37.68 -1.27 0.00	43.85 -1.66 0.00	93.48 -4.65 0.00	65.79 -4.73 1.38	41.62 -4.32 8.32	53.99 -4.99 5.88	49.99 -4.72 11.85	61.83 -3.98 0.03	55.68 -3.80 0.00	60.07 -5.05 3.37	18.10 -5.76 39.41	32.21 -5.43 26.58	62.48 -5.37 0.00	51.54 -4.13 0.00	70.03 -5.02 -1.03	64.19 -3.93 0.89	56.56 -2.91 -0.06	49.78 -2.42 0.00	41.76 -1.77 0.00	43.14 -0.99 0.00
WHAVSTOR_138KV_BK127 55557	38.75 1.51 0.00	39.09 1.30 0.00	36.27 1.16 0.00	38.67 1.09 0.00	40.04 1.09 0.00	46.80 1.29 0.00	101.58 3.45 0.00	74.25 2.34 0.00	56.26 2.00 0.00	66.99 2.12 0.00	68.89 2.33 0.00	68.50 2.66 0.00	62.53 3.05 0.00	72.09 3.60 0.00	66.24 2.97 0.00	67.01 2.80 0.00	70.93 3.07 0.00	58.33 2.66 0.00	77.83 3.80 0.00	72.65 3.64 0.00	62.41 2.99 0.00	54.84 2.64 0.00	45.74 2.22 0.00	46.21 2.08 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.75 1.51 0.00	39.09 1.30 0.00	36.27 1.16 0.00	38.67 1.09 0.00	40.04 1.09 0.00	46.80 1.29 0.00	101.58 3.45 0.00	74.25 2.34 0.00	56.26 2.00 0.00	66.99 2.12 0.00	68.89 2.33 0.00	68.50 2.66 0.00	62.53 3.05 0.00	72.09 3.60 0.00	66.24 2.97 0.00	67.01 2.80 0.00	70.93 3.07 0.00	58.33 2.66 0.00	77.83 3.80 0.00	72.65 3.64 0.00	62.41 2.99 0.00	54.84 2.64 0.00	45.74 2.22 0.00	46.21 2.08 0.00
WHITEHAL_115KV_TB1 80871	39.20 1.96 0.00	39.34 1.55 0.00	36.65 1.55 0.00	39.46 1.87 0.00	40.91 1.96 0.00	47.59 2.08 0.00	103.49 5.37 0.00	76.10 4.19 0.00	56.52 2.26 0.00	67.88 3.02 0.00	69.14 2.58 0.00	67.90 2.06 0.00	60.80 1.32 0.00	70.30 1.81 0.00	65.86 2.58 0.00	67.57 3.37 0.00	72.13 4.27 0.00	59.43 3.76 0.00	78.64 4.60 0.00	72.99 3.98 0.00	62.43 3.02 0.00	54.84 2.63 0.00	45.74 2.22 0.00	46.07 1.94 0.00
WHITEPLN_13_KV_LOAD 356215	39.16 1.92 0.00	39.49 1.70 0.00	36.61 1.50 0.00	39.04 1.45 0.00	40.42 1.47 0.00	47.27 1.76 0.00	102.60 4.47 0.00	75.13 3.22 0.00	56.94 2.69 0.00	67.89 3.03 0.00	69.82 3.26 0.00	69.42 3.58 0.00	63.33 3.85 0.00	73.01 4.52 0.00	67.09 3.82 0.00	67.91 3.70 0.00	71.91 4.05 0.00	59.13 3.46 0.00	78.90 4.87 0.00	73.54 4.53 0.00	63.15 3.74 0.00	55.48 3.28 0.00	46.26 2.73 0.00	46.69 2.56 0.00
WM_FLOYD_69_KV_BK2 356380	-28.85 1.03 67.12	-63.68 1.00 102.47	-34.37 0.88 70.36	-48.35 0.76 86.70	-19.11 0.62 58.68	45.71 0.78 0.58	67.30 1.82 32.64	73.93 2.03 0.00	56.23 1.98 0.00	66.84 1.98 0.00	68.19 1.63 0.00	67.88 2.04 0.00	62.06 2.58 0.00	70.03 2.97 1.42	52.29 2.07 13.06	20.83 1.77 45.15	24.42 2.01 45.45	40.97 1.81 16.51	76.47 3.07 0.63	52.08 2.24 19.17	58.48 2.31 3.24	19.92 1.65 33.94	-55.07 1.48 100.07	40.29 1.62 5.47
WOODARD___115KV_TB2 355635	36.58 -0.66 0.00	37.12 -0.67 0.00	34.43 -0.67 0.00	36.90 -0.68 0.00	38.25 -0.70 0.00	44.72 -0.79 0.00	96.33 -1.79 0.00	70.68 -1.22 0.00	53.39 -0.87 0.00	63.82 -1.04 0.00	65.55 -1.01 0.00	64.87 -0.97 0.00	58.67 -0.81 0.00	67.63 -0.99 -0.14	62.23 -1.05 0.00	63.09 -1.11 0.00	66.60 -1.26 0.00	54.82 -0.85 0.00	72.97 -1.06 0.00	68.05 -0.96 0.00	58.53 -0.88 0.00	51.36 -0.84 0.00	42.88 -0.65 0.00	43.51 -0.62 0.00
WOODMERE_69_KV_BK1 55827	39.25 2.01 0.00	39.68 1.88 0.00	36.78 1.67 0.00	39.22 1.64 0.00	40.50 1.56 0.00	47.38 1.87 0.00	102.18 4.06 0.00	75.09 3.18 0.00	57.08 2.83 0.00	67.89 3.03 0.00	69.62 3.06 0.00	69.34 3.49 0.00	63.37 3.89 0.00	73.09 4.49 -0.11	70.61 3.55 -3.80	74.79 3.46 -7.12	124.73 3.82 -53.05	108.90 3.28 -49.95	107.59 4.93 -28.63	75.87 4.20 -2.66	63.72 3.80 -0.51	62.99 3.18 -7.61	65.88 2.77 -19.59	60.25 2.88 -13.23
YORK___WARBASSE 23770	39.07 1.83 0.00	39.48 1.68 0.00	36.63 1.53 0.00	39.01 1.42 0.00	40.40 1.45 0.00	47.27 1.76 0.00	102.45 4.32 0.00	75.03 3.13 0.00	56.87 2.62 0.00	67.62 2.76 0.00	69.54 2.98 0.00	69.19 3.35 0.00	63.19 3.71 0.00	72.88 4.39 0.00	66.96 3.69 0.00	67.76 3.55 0.00	71.75 3.90 0.00	58.97 3.29 0.00	78.65 4.62 0.00	73.35 4.34 0.00	63.04 3.63 0.00	55.50 3.30 0.00	46.26 2.74 0.00	46.68 2.56 0.00