

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/23/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	41.87	38.36	36.17	34.31	34.73	37.39	42.40	47.67	45.95	44.08	43.51	43.39	44.01	45.73	49.99	49.82	56.74	60.23	66.09	68.21	67.62	57.90	50.18	42.44
24138	2.22	2.10	2.08	1.91	1.72	1.68	2.51	3.28	3.68	3.49	4.03	4.05	4.13	4.24	4.43	4.20	5.22	5.97	5.57	5.23	4.31	3.64	3.28	2.63
	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	-0.49	-1.50	-4.20	-6.01	-6.15	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	41.91	38.43	36.21	34.34	34.73	37.39	42.40	47.67	45.91	44.04	43.47	43.35	44.01	45.73	49.95	49.81	56.83	60.18	66.09	68.21	67.62	57.90	50.18	42.48
24260	2.26	2.18	2.11	1.94	1.72	1.68	2.51	3.28	3.64	3.45	3.99	4.01	4.13	4.24	4.38	4.20	5.13	5.91	5.57	5.23	4.31	3.64	3.28	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13	4.24	4.38	4.20	5.13	5.57	5.23	4.31	3.64	3.28	2.67
74TH STREET_GT_2	41.91	38.43	36.21	34.34	34.73	37.39	42.40	47.67	45.91	44.04	43.47	43.35	44.01	45.73	49.95	49.81	56.83	60.18	66.09	68.21	67.62	57.90	50.18	42.48
24261	2.26	2.18	2.11	1.94	1.72	1.68	2.51	3.28	3.64	3.45	3.99	4.01	4.13	4.24	4.38	4.20	5.13	5.91	5.57	5.23	4.31	3.64	3.28	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-1.50	-4.20	-6.01	-6.33	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	42.03	38.62	36.34	34.50	35.13	38.00	42.56	47.32	44.73	42.82	41.26	41.07	40.92	41.52	43.02	41.39	46.55	55.73	63.13	66.00	66.54	56.92	48.96	41.49
24011	2.38	2.36	2.25	2.11	2.11	2.29	2.67	2.93	2.45	2.23	1.78	1.73	1.54	1.52	1.65	1.78	1.18	1.47	2.60	3.02	3.23	2.66	2.06	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.31	38.87	36.61	34.76	35.39	38.29	42.88	47.63	44.98	43.03	41.38	41.23	41.03	41.64	43.15	41.51	46.64	55.89	63.43	66.44	66.98	57.25	49.24	41.73
23798	2.66	2.61	2.52	2.36	2.38	2.57	2.99	3.24	2.71	2.44	1.90	1.89	1.65	1.64	1.78	1.90	1.27	1.63	2.91	3.46	3.67	2.98	2.34	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.03	38.62	36.34	34.50	35.13	38.00	42.56	47.32	44.73	42.82	41.26	41.07	40.92	41.52	43.02	41.39	46.55	55.73	63.13	66.00	66.54	56.92	48.96	41.49
24028	2.38	2.36	2.25	2.11	2.11	2.29	2.67	2.93	2.45	2.23	1.78	1.73	1.54	1.52	1.65	1.78	1.18	1.47	2.60	3.02	3.23	2.66	2.06	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.76	37.35	35.35	33.53	34.10	36.71	41.40	45.94	43.88	42.34	41.06	41.03	41.03	41.72	43.31	41.78	47.46	56.87	63.19	65.50	65.40	56.21	48.58	41.33
23527	1.11	1.09	1.26	1.13	1.09	1.00	1.52	1.55	1.61	1.74	1.58	1.69	1.65	1.72	1.94	2.18	2.09	2.60	2.66	2.52	2.09	1.95	1.69	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.77	36.48	34.40	32.62	33.21	35.82	40.21	44.75	42.66	41.00	39.95	39.85	39.89	40.56	42.03	40.32	46.10	55.08	61.25	63.61	63.56	54.54	47.08	40.09
24190	0.12	0.22	0.31	0.23	0.20	0.11	0.32	0.36	0.38	0.41	0.47	0.51	0.51	0.56	0.66	0.71	0.73	0.81	0.73	0.63	0.25	0.27	0.19	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.81	36.30	34.02	32.39	33.08	35.86	39.97	44.39	42.23	40.47	39.24	39.03	39.03	39.52	40.79	39.01	44.73	53.02	59.50	62.04	63.12	53.94	46.80	39.81
355683	0.16	0.04	-0.07	0.00	0.07	0.14	0.08	0.00	-0.04	-0.12	-0.24	-0.31	-0.35	-0.48	-0.58	-0.59	-0.64	-1.25	-1.03	-0.94	-0.19	-0.33	-0.09	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	40.56	37.24	35.08	33.27	33.87	36.53	40.92	45.45	43.16	41.32	40.15	40.01	40.01	40.68	42.15	40.47	46.37	55.56	62.10	64.81	64.89	55.62	48.11	40.89
323833	0.91	0.98	0.99	0.87	0.86	0.82	1.04	1.06	0.89	0.73	0.67	0.67	0.63	0.68	0.78	0.87	1.00	1.30	1.57	1.83	1.58	1.36	1.22	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.56	37.24	35.08	33.27	33.84	36.53	40.88	45.45	43.16	41.32	40.15	40.01	40.01	40.68	42.15	40.44	46.32	55.56	62.10	64.81	64.89	55.62	48.11	40.89
323834	0.91	0.98	0.99	0.87	0.83	0.82	1.00	1.06	0.89	0.73	0.67	0.67	0.63	0.68	0.78	0.83	0.95	1.30	1.57	1.83	1.58	1.36	1.22	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.77	36.48	34.40	32.62	33.21	35.82	40.21	44.75	42.66	41.00	39.95	39.85	39.89	40.56	42.03	40.32	46.10	55.08	61.25	63.61	63.56	54.54	47.08	40.09
23571	0.12	0.22	0.31	0.23	0.20	0.11	0.32	0.36	0.38	0.41	0.47	0.51	0.51	0.56	0.66	0.71	0.73	0.81	0.73	0.63	0.25	0.27	0.19	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.77 0.12 0.00	36.48 0.22 0.00	34.40 0.31 0.00	32.62 0.23 0.00	33.21 0.20 0.00	35.82 0.11 0.00	40.21 0.32 0.00	44.75 0.36 0.00	42.66 0.38 0.00	41.00 0.41 0.00	39.95 0.47 0.00	39.85 0.51 0.00	39.89 0.51 0.00	40.56 0.56 0.00	42.03 0.66 0.00	40.32 0.71 0.00	46.10 0.73 0.00	55.08 0.81 0.00	61.25 0.73 0.00	63.61 0.63 0.00	63.56 0.25 0.00	54.54 0.27 0.00	47.08 0.19 0.00	40.09 0.28 0.00
ALBANY___3 23573	39.77 0.12 0.00	36.48 0.22 0.00	34.40 0.31 0.00	32.62 0.23 0.00	33.21 0.20 0.00	35.82 0.11 0.00	40.21 0.32 0.00	44.75 0.36 0.00	42.66 0.38 0.00	41.00 0.41 0.00	39.95 0.47 0.00	39.85 0.51 0.00	39.89 0.51 0.00	40.56 0.56 0.00	42.03 0.66 0.00	40.32 0.71 0.00	46.10 0.73 0.00	55.08 0.81 0.00	61.25 0.73 0.00	63.61 0.63 0.00	63.56 0.25 0.00	54.54 0.27 0.00	47.08 0.19 0.00	40.09 0.28 0.00
ALBANY___4 23574	39.77 0.12 0.00	36.48 0.22 0.00	34.40 0.31 0.00	32.62 0.23 0.00	33.21 0.20 0.00	35.82 0.11 0.00	40.21 0.32 0.00	44.75 0.36 0.00	42.66 0.38 0.00	41.00 0.41 0.00	39.95 0.47 0.00	39.85 0.51 0.00	39.89 0.51 0.00	40.56 0.56 0.00	42.03 0.66 0.00	40.32 0.71 0.00	46.10 0.73 0.00	55.08 0.81 0.00	61.25 0.73 0.00	63.61 0.63 0.00	63.56 0.25 0.00	54.54 0.27 0.00	47.08 0.19 0.00	40.09 0.28 0.00
ALBANY___LFGE 323615	40.13 0.48 0.00	36.80 0.54 0.00	34.71 0.61 0.00	32.91 0.52 0.00	33.51 0.50 0.00	36.14 0.43 0.00	40.56 0.68 0.00	45.14 0.75 0.00	43.04 0.76 0.00	41.32 0.73 0.00	40.23 0.75 0.00	40.17 0.83 0.00	40.21 0.83 0.00	40.88 0.88 0.00	42.36 0.99 0.00	40.67 1.07 0.00	46.46 1.09 0.00	55.56 1.30 0.00	61.86 1.33 0.00	64.24 1.26 0.00	64.26 0.95 0.00	55.02 0.76 0.00	47.55 0.66 0.00	40.45 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	39.89 0.24 0.00	36.37 0.11 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.48 0.09 0.00	42.28 0.00 0.00	40.51 -0.08 0.00	39.25 -0.24 0.00	39.02 -0.32 0.00	38.99 -0.39 0.00	39.44 -0.56 0.00	40.70 -0.66 0.00	38.93 -0.67 0.00	44.60 -0.77 0.00	53.18 -1.08 0.00	59.74 -0.79 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.21 -0.05 0.00	46.90 0.00 0.00	39.93 0.12 0.00
ALCOA_RYNLDS___DRP 24188	39.89 0.24 0.00	36.37 0.11 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.48 0.09 0.00	42.28 0.00 0.00	40.51 -0.08 0.00	39.24 -0.24 0.00	39.03 -0.31 0.00	38.99 -0.39 0.00	39.44 -0.56 0.00	40.71 -0.66 0.00	38.93 -0.67 0.00	44.60 -0.77 0.00	53.18 -1.09 0.00	59.74 -0.79 0.00	62.41 -0.57 0.00	63.18 -0.13 0.00	54.21 -0.05 0.00	46.85 -0.05 0.00	39.93 0.12 0.00
ALCOA___DSASP 323711	39.89 0.24 0.00	36.37 0.11 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.48 0.09 0.00	42.28 0.00 0.00	40.51 -0.08 0.00	39.24 -0.24 0.00	39.03 -0.31 0.00	38.99 -0.39 0.00	39.44 -0.56 0.00	40.71 -0.66 0.00	38.93 -0.67 0.00	44.60 -0.77 0.00	53.18 -1.09 0.00	59.74 -0.79 0.00	62.41 -0.57 0.00	63.18 -0.13 0.00	54.21 -0.05 0.00	46.85 -0.05 0.00	39.93 0.12 0.00
ALLEGHENY___COGEN 23514	39.29 -0.36 0.00	35.97 -0.29 0.00	33.82 -0.27 0.00	32.20 -0.19 0.00	32.82 -0.20 0.00	35.46 -0.25 0.00	39.45 -0.44 0.00	43.32 -1.07 0.00	40.37 -1.94 -0.04	38.52 -2.07 0.00	37.49 -1.93 0.06	36.93 -2.09 0.32	37.09 -2.01 0.28	37.81 -1.88 0.31	38.87 -1.98 0.51	37.45 -1.86 0.30	42.47 -2.00 0.91	50.72 -1.79 1.75	57.79 -0.61 2.13	61.39 0.63 2.23	60.99 0.32 2.64	52.76 0.27 1.78	45.30 -0.47 1.13	38.99 -0.44 0.39
ALTAMONT_115KV_TB 2 55880	40.21 0.56 0.00	36.84 0.58 0.00	34.71 0.61 0.00	32.94 0.55 0.00	33.51 0.50 0.00	36.18 0.46 0.00	40.61 0.72 0.00	45.19 0.80 0.00	43.08 0.80 0.00	41.36 0.77 0.00	40.31 0.83 0.00	40.21 0.87 0.00	40.25 0.87 0.00	40.92 0.92 0.00	42.36 0.99 0.00	40.63 1.03 0.00	46.50 1.13 0.00	55.62 1.36 0.00	61.92 1.39 0.00	64.30 1.32 0.00	64.32 1.01 0.00	55.13 0.87 0.00	47.65 0.75 0.00	40.49 0.68 0.00
ALTONA_WT_PWR 323606	39.81 0.16 0.00	36.30 0.04 0.00	34.02 -0.07 0.00	32.43 0.03 0.00	33.08 0.07 0.00	35.86 0.14 0.00	39.97 0.08 0.00	44.39 0.00 0.00	42.23 -0.04 0.00	40.47 -0.12 0.00	39.21 -0.27 0.00	38.95 -0.39 0.00	38.95 -0.43 0.00	39.40 -0.60 0.00	40.66 -0.70 0.00	38.85 -0.75 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.74 -0.79 0.00	62.29 -0.69 0.00	62.87 -0.44 0.00	53.89 -0.38 0.00	46.62 -0.28 0.00	39.66 -0.16 0.00
AMERICAN_REF_FUEL 24010	35.05 -4.60 0.00	32.41 -3.84 0.00	30.17 -3.92 0.00	29.09 -3.30 0.00	29.55 -3.47 0.00	31.78 -3.93 0.00	34.62 -5.27 0.00	38.49 -5.90 0.00	36.31 -5.96 0.01	35.03 -5.56 0.00	34.59 -4.82 0.08	34.12 -4.84 0.38	34.40 -4.65 0.34	35.19 -4.44 0.37	35.84 -4.92 0.61	34.53 -4.71 0.36	38.74 -5.54 1.09	45.70 -6.46 2.10	51.43 -6.54 2.56	53.57 -6.74 2.67	52.55 -7.60 3.16	45.83 -6.29 2.14	39.82 -5.72 1.35	34.61 -4.74 0.47
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.24 -3.41 0.00	33.39 -2.87 0.00	31.47 -2.62 0.00	30.00 -2.40 0.00	30.44 -2.58 0.00	32.93 -2.79 0.00	36.34 -3.55 0.00	40.31 -4.08 0.00	38.04 -4.23 0.01	36.73 -3.86 0.00	35.78 -3.63 0.07	35.33 -3.66 0.35	35.61 -3.47 0.31	36.38 -3.28 0.34	37.05 -3.76 0.56	35.71 -3.56 0.33	40.33 -4.04 1.00	47.61 -4.72 1.93	53.52 -4.66 2.35	56.06 -4.47 2.45	54.77 -5.63 2.90	47.53 -4.78 1.96	41.20 -4.46 1.24	35.76 -3.62 0.43
ARTHUR KILL_GT_1 23520	42.07 2.42 0.00	38.54 2.28 0.00	36.27 2.18 0.00	34.47 2.07 0.00	34.76 1.75 0.00	37.21 1.50 0.00	42.20 2.31 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.43 3.95 0.00	43.35 4.01 0.00	44.05 4.17 -0.49	45.81 4.32 -1.50	50.15 4.59 -4.20	50.01 4.40 -6.01	56.87 5.17 -6.33	60.34 6.08 0.00	66.21 5.69 0.00	68.40 5.42 0.00	67.81 4.50 0.00	58.12 3.85 0.00	50.41 3.52 0.00	42.68 2.87 0.00
ARTHUR_KILL_2 23512	41.95 2.30 0.00	38.47 2.21 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.10 1.39 0.00	42.00 2.11 0.00	47.36 2.97 0.00	45.58 3.30 0.00	43.72 3.13 0.00	43.23 3.75 0.00	43.24 3.90 0.00	43.93 4.06 -0.49	45.69 4.20 -1.50	49.99 4.43 -4.20	49.86 4.24 -6.02	56.70 4.99 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
ARTHUR_KILL_3 23513	41.51 1.86 0.00	38.07 1.81 0.00	35.83 1.74 0.00	33.82 1.42 0.00	34.43 1.42 0.00	37.07 1.36 0.00	41.92 2.03 0.00	47.23 2.84 0.00	45.53 3.26 0.00	43.67 3.08 0.00	43.04 3.55 0.00	42.96 3.62 0.00	43.62 3.74 -0.49	45.33 3.84 -1.50	49.54 3.97 -4.20	49.42 3.80 -6.01	56.30 4.67 -6.26	59.64 5.37 0.00	65.31 4.78 0.00	67.38 4.41 0.01	66.85 3.54 0.01	57.36 3.09 0.00	49.76 2.86 0.00	42.12 2.31 0.00

ARTHUR_KILL_COGEN 323718	42.07 2.42 0.00	38.58 2.32 0.00	36.24 2.15 0.00	34.17 1.78 0.00	34.76 1.75 0.00	37.21 1.50 0.00	42.12 2.23 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.35 3.87 0.00	43.36 4.01 0.00	44.05 4.17 -0.49	45.81 4.32 -1.50	50.11 4.55 -4.20	50.02 4.40 -6.02	56.88 5.17 -6.34	60.35 6.08 -0.01	66.16 5.63 -0.01	68.27 5.29 0.00	67.81 4.50 0.00	58.07 3.80 -0.01	50.37 3.47 -0.01	42.69 2.87 -0.01
ASHOKAN____ 23654	41.63 1.98 0.00	38.14 1.88 0.00	35.93 1.84 0.00	34.01 1.62 0.00	34.53 1.52 0.00	37.25 1.53 0.00	41.76 1.88 0.00	46.56 2.17 0.00	44.26 1.99 0.00	42.26 1.66 0.00	41.22 1.74 0.00	41.19 1.85 0.00	41.31 1.93 0.00	42.04 2.04 0.00	43.52 2.15 0.00	41.90 2.30 0.00	48.46 3.09 0.00	58.55 4.29 0.00	64.94 4.42 0.00	67.45 4.47 0.00	66.92 3.61 0.00	57.46 3.20 0.00	49.81 2.91 0.00	42.20 2.39 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.63 1.98 0.00	38.18 1.92 0.00	35.90 1.81 0.00	33.79 1.39 0.00	34.40 1.39 0.00	36.92 1.21 0.01	41.83 1.95 0.01	47.14 2.75 0.01	45.48 3.21 0.01	43.63 3.05 0.01	43.03 3.55 0.01	42.95 3.62 0.01	43.65 3.78 -0.49	45.33 3.84 -1.49	49.57 4.01 -4.19	49.53 3.92 -6.00	56.46 4.76 -6.32	59.63 5.37 0.01	65.24 4.72 0.01	67.26 4.28 0.01	66.72 3.42 0.01	57.13 2.87 0.01	49.65 2.77 0.01	42.16 2.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.63 1.98 0.00	38.18 1.92 0.00	35.90 1.81 0.00	33.79 1.39 0.00	34.40 1.39 0.00	36.92 1.21 0.01	41.83 1.95 0.01	47.14 2.75 0.01	45.48 3.21 0.01	43.63 3.05 0.01	43.03 3.55 0.01	42.95 3.62 0.01	43.65 3.78 -0.49	45.33 3.84 -1.49	49.57 4.01 -4.19	49.53 3.92 -6.00	56.46 4.76 -6.32	59.63 5.37 0.01	65.24 4.72 0.01	67.26 4.28 0.01	66.72 3.42 0.01	57.13 2.87 0.01	49.65 2.77 0.01	42.16 2.35 0.00
ASTORIA_GT2_1 24094	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT2_2 24095	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT2_3 24096	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT2_4 24097	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT3_1 24098	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT3_2 24099	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT3_3 24100	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT3_4 24101	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT4_1 24102	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT4_2 24103	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT4_3 24104	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00

ASTORIA_GT4_4 24105	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.40 1.39 0.00	36.96 1.25 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.68 3.08 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.69 3.82 -0.49	45.37 3.88 -1.50	49.62 4.05 -4.20	49.54 3.92 -6.01	56.50 4.81 -6.32	59.64 5.37 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.19 2.93 0.00	49.71 2.81 0.00	42.16 2.35 0.00
ASTORIA_GT_1 23523	41.75 2.10 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.14 1.75 0.00	34.47 1.45 0.00	37.00 1.29 0.00	42.00 2.11 0.00	47.28 2.89 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.23 3.75 0.00	43.08 3.74 0.00	43.77 3.90 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.65 4.04 -6.01	56.59 4.90 -6.32	59.80 5.53 0.00	65.49 4.96 0.00	67.52 4.53 0.00	66.92 3.61 0.00	57.30 3.04 0.00	49.80 2.91 0.00	42.24 2.43 0.00
ASTORIA_GT_10 24110	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.53 0.00	65.55 5.02 0.00	67.64 4.66 0.00	66.98 3.67 0.00	57.41 3.15 0.00	49.85 2.95 0.00	42.24 2.43 0.00
ASTORIA_GT_11 24225	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.53 0.00	65.55 5.02 0.00	67.64 4.66 0.00	66.98 3.67 0.00	57.41 3.15 0.00	49.85 2.95 0.00	42.24 2.43 0.00
ASTORIA_GT_12 24226	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.53 0.00	65.55 5.02 0.00	67.64 4.66 0.00	66.98 3.67 0.00	57.41 3.15 0.00	49.85 2.95 0.00	42.24 2.43 0.00
ASTORIA_GT_13 24227	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.53 0.00	65.55 5.02 0.00	67.64 4.66 0.00	66.98 3.67 0.00	57.41 3.15 0.00	49.85 2.95 0.00	42.24 2.43 0.00
ASTORIA_GT_5 24106	41.75 2.10 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.14 1.75 0.00	34.47 1.45 0.00	37.00 1.29 0.00	42.00 2.11 0.00	47.28 2.89 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.23 3.75 0.00	43.08 3.74 0.00	43.77 3.90 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.65 4.04 -6.01	56.59 4.90 -6.32	59.80 5.53 0.00	65.49 4.96 0.00	67.52 4.53 0.00	66.92 3.61 0.00	57.30 3.04 0.00	49.80 2.91 0.00	42.24 2.43 0.00
ASTORIA_GT_7 24107	41.75 2.10 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.14 1.75 0.00	34.47 1.45 0.00	37.00 1.29 0.00	42.00 2.11 0.00	47.28 2.89 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.23 3.75 0.00	43.08 3.74 0.00	43.77 3.90 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.65 4.04 -6.01	56.59 4.90 -6.32	59.80 5.53 0.00	65.49 4.96 0.00	67.52 4.53 0.00	66.92 3.61 0.00	57.30 3.04 0.00	49.80 2.91 0.00	42.24 2.43 0.00
ASTORIA_GT_8 24108	41.75 2.10 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.14 1.75 0.00	34.47 1.45 0.00	37.00 1.29 0.00	42.00 2.11 0.00	47.28 2.89 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.23 3.75 0.00	43.08 3.74 0.00	43.77 3.90 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.65 4.04 -6.01	56.59 4.90 -6.32	59.80 5.53 0.00	65.49 4.96 0.00	67.52 4.53 0.00	66.92 3.61 0.00	57.30 3.04 0.00	49.80 2.91 0.00	42.24 2.43 0.00
ASTORIA___2 24149	41.67 2.02 0.00	38.22 1.96 0.00	35.93 1.84 0.00	33.82 1.42 0.00	34.40 1.39 0.00	36.95 1.25 0.01	41.83 1.95 0.01	47.18 2.80 0.01	45.48 3.21 0.01	43.67 3.08 0.01	43.07 3.59 0.01	42.99 3.66 0.01	43.69 3.82 -0.49	45.36 3.88 -1.49	49.61 4.06 -4.19	49.53 3.92 -6.00	56.46 4.76 -6.32	59.63 5.37 0.01	65.30 4.78 0.01	67.26 4.28 0.01	66.78 3.48 0.01	57.13 2.87 0.01	49.65 2.77 0.01	42.16 2.35 0.00
ASTORIA___3 23516	41.71 2.06 0.00	38.25 1.99 0.00	36.00 1.91 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.00 2.11 0.00	47.36 2.97 0.00	45.61 3.34 0.00	43.80 3.21 0.00	43.19 3.71 0.00	43.16 3.81 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.54 0.00	65.43 4.90 0.00	67.52 4.54 0.00	66.98 3.67 0.00	57.36 3.09 0.00	49.85 2.96 0.00	42.28 2.47 0.00
ASTORIA___4 23517	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.80 3.21 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.53 0.00	65.55 5.02 0.00	67.64 4.66 0.00	66.98 3.67 0.00	57.41 3.15 0.00	49.85 2.95 0.00	42.24 2.43 0.00
ASTORIA___5 23518	41.71 2.06 0.00	38.25 1.99 0.00	36.00 1.91 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.00 2.11 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.19 3.71 0.00	43.16 3.81 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.54 0.00	65.43 4.90 0.00	67.52 4.54 0.00	66.98 3.67 0.00	57.36 3.09 0.00	49.85 2.96 0.00	42.28 2.47 0.00
AST_ENERGY_2_CC3 323677	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.04 2.15 0.00	47.36 2.97 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.11 3.63 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.42 3.92 -1.50	49.62 4.06 -4.20	49.50 3.88 -6.01	56.40 4.72 -6.31	59.74 5.48 0.00	65.49 4.96 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.46 3.20 0.00	49.85 2.96 0.00	42.24 2.43 0.00
AST_ENERGY_2_CC4 323678	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.04 2.15 0.00	47.36 2.97 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.11 3.63 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.42 3.92 -1.50	49.62 4.06 -4.20	49.50 3.88 -6.01	56.40 4.72 -6.31	59.74 5.48 0.00	65.49 4.96 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.46 3.20 0.00	49.85 2.96 0.00	42.24 2.43 0.00

ATHENS_STG_1 23668	40.44 0.79 0.00	37.09 0.83 0.00	34.94 0.85 0.00	33.11 0.71 0.00	33.71 0.69 0.00	36.36 0.64 0.00	40.81 0.92 0.00	45.63 1.24 0.00	43.63 1.35 0.00	41.89 1.30 0.00	40.94 1.46 0.00	40.87 1.53 0.00	41.05 1.58 -0.09	42.02 1.64 -0.38	44.14 1.70 -1.08	42.78 1.62 -1.55	47.23 1.86 0.00	56.49 2.23 0.00	62.58 2.06 0.00	64.87 1.89 0.00	64.77 1.46 0.00	55.51 1.25 0.00	48.02 1.12 0.00	40.77 0.95 0.00
ATHENS_STG_2 23670	40.44 0.79 0.00	37.09 0.83 0.00	34.94 0.85 0.00	33.11 0.71 0.00	33.71 0.69 0.00	36.36 0.64 0.00	40.81 0.92 0.00	45.63 1.24 0.00	43.63 1.35 0.00	41.89 1.30 0.00	40.94 1.46 0.00	40.87 1.53 0.00	41.05 1.58 -0.09	42.02 1.64 -0.38	44.14 1.70 -1.08	42.78 1.62 -1.55	47.23 1.86 0.00	56.49 2.23 0.00	62.58 2.06 0.00	64.87 1.89 0.00	64.77 1.46 0.00	55.51 1.25 0.00	48.02 1.12 0.00	40.77 0.95 0.00
ATHENS_STG_3 23677	40.44 0.79 0.00	37.09 0.83 0.00	34.94 0.85 0.00	33.11 0.71 0.00	33.71 0.69 0.00	36.36 0.64 0.00	40.81 0.92 0.00	45.63 1.24 0.00	43.63 1.35 0.00	41.89 1.30 0.00	40.94 1.46 0.00	40.87 1.53 0.00	41.05 1.58 -0.09	42.02 1.64 -0.38	44.14 1.70 -1.08	42.78 1.62 -1.55	47.23 1.86 0.00	56.49 2.23 0.00	62.58 2.06 0.00	64.87 1.89 0.00	64.77 1.46 0.00	55.51 1.25 0.00	48.02 1.12 0.00	40.77 0.95 0.00
AUBURN___LFGE 323710	39.49 -0.16 0.00	36.15 -0.11 0.00	33.96 -0.14 0.00	32.30 -0.10 0.00	32.88 -0.13 0.00	35.57 -0.14 0.00	39.73 -0.16 0.00	44.30 -0.09 0.00	41.94 -0.34 0.00	40.27 -0.32 0.00	39.09 -0.39 0.00	38.95 -0.39 0.00	38.99 -0.39 0.00	39.64 -0.36 0.00	41.04 -0.33 0.00	39.05 -0.55 0.00	44.73 -0.64 0.00	53.78 -0.49 0.00	60.22 -0.30 0.00	62.98 0.00 0.00	63.18 -0.13 0.00	54.16 -0.11 0.00	46.66 -0.23 0.00	39.58 -0.24 0.00
BABYLON_RES_REC 323704	42.47 2.82 0.00	38.83 2.57 0.00	36.31 2.21 0.00	34.27 1.88 0.00	34.89 1.88 0.00	37.25 1.53 0.00	42.12 2.23 0.00	47.59 3.20 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.88 4.38 -0.02	47.42 4.44 -3.64	48.58 4.57 -4.64	49.28 4.68 -4.60	50.35 4.80 -4.19	55.44 4.55 -11.28	54.49 5.62 -3.49	64.93 6.62 -4.04	68.80 6.35 -1.92	72.46 5.99 -3.49	67.87 4.56 0.00	58.00 3.74 0.00	50.42 3.52 0.00	43.36 3.54 0.00
BALL_HILL_WT_PWR 323825	36.04 -3.61 0.00	33.18 -3.08 0.00	31.23 -2.86 0.00	29.77 -2.62 0.00	30.21 -2.81 0.00	32.68 -3.04 0.00	35.98 -3.91 0.00	39.95 -4.44 0.00	37.70 -4.57 0.01	36.37 -4.22 0.00	35.46 -3.95 0.07	35.01 -3.97 0.36	35.28 -3.78 0.32	36.05 -3.60 0.35	36.78 -4.01 0.57	35.47 -3.80 0.34	40.03 -4.31 1.02	47.18 -5.10 1.98	53.10 -5.02 2.41	55.43 -5.04 2.51	54.38 -5.95 2.97	47.26 -4.99 2.01	40.94 -4.69 1.27	35.51 -3.86 0.44
BARON_WINDS___WT_PWR 323822	38.14 -1.51 0.00	35.03 -1.23 0.00	32.93 -1.16 0.00	31.33 -1.07 0.00	31.86 -1.16 0.00	34.43 -1.28 0.00	38.21 -1.67 0.00	42.22 -2.17 0.00	39.67 -2.54 0.07	38.16 -2.43 0.00	37.07 -2.37 0.05	36.66 -2.44 0.24	36.81 -2.36 0.21	37.49 -2.28 0.23	38.54 -2.44 0.39	37.00 -2.38 0.23	42.00 -2.68 0.69	49.89 -3.04 1.33	56.06 -2.84 1.62	58.90 -2.39 1.69	58.59 -2.72 2.00	50.69 -2.23 1.35	43.84 -2.20 0.86	37.65 -1.87 0.30
BARRETT_IC_1 23704	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_10 23701	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_11 23702	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_12 23703	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_2 23705	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_3 23706	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_4 23707	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_5 23708	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00

BARRETT_IC_6 23709	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_7 23710	42.15 2.50 0.00	38.51 2.25 0.00	36.24 2.15 0.00	34.31 1.91 0.00	34.66 1.65 0.00	37.11 1.39 0.00	42.28 2.39 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.57 4.07 -0.02	47.07 4.09 -3.64	48.19 4.17 -4.64	48.88 4.28 -4.60	50.03 4.47 -4.19	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.55 5.73 -43.84	67.68 4.31 -0.07	57.81 3.47 -0.07	50.13 3.24 0.00	42.80 2.99 0.00
BARRETT_IC_8 23711	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT_IC_9 23700	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT___1 23545	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BARRETT___2 23546	42.15 2.50 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.32 2.93 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.54 4.03 -0.03	47.08 4.09 -3.65	48.20 4.17 -4.64	48.89 4.28 -4.61	49.99 4.43 -4.20	116.34 4.24 -72.50	94.25 5.04 -43.84	111.05 6.02 -50.77	90.49 5.81 -24.15	112.42 5.60 -43.84	67.69 4.31 -0.07	57.76 3.42 -0.07	50.09 3.19 -0.01	42.88 3.07 0.00
BATAVIA__115KV_TB1 55881	36.87 -2.78 0.00	33.94 -2.32 0.00	31.91 -2.18 0.00	30.39 -2.01 0.00	30.93 -2.08 0.00	33.36 -2.36 0.00	36.50 -3.39 0.00	40.79 -3.60 0.00	38.38 -3.89 0.01	37.10 -3.49 0.00	36.17 -3.24 0.07	35.88 -3.07 0.40	36.20 -2.84 0.35	36.94 -2.68 0.38	37.60 -3.14 0.62	36.27 -2.97 0.37	40.62 -3.63 1.12	48.36 -3.74 2.16	54.33 -3.57 2.63	56.91 -3.34 2.74	56.33 -3.74 3.24	48.50 -3.58 2.19	42.13 -3.38 1.39	36.71 -2.63 0.48
BAYONEEC___CTG1 323682	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG10 323750	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG2 323683	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG3 323684	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG4 323685	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG5 323686	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG6 323687	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG7 323688	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00

BAYONEEC___CTG8 323689	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYONEEC___CTG9 323749	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.15 3.67 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BAYPORT_69_KV_BK 2 356364	42.86 3.21 0.00	39.09 2.83 0.00	36.85 2.76 0.00	34.86 2.46 0.00	35.16 2.15 0.00	37.43 1.71 0.00	42.76 2.87 0.00	47.81 3.42 0.00	46.42 4.14 0.00	44.53 3.94 0.00	44.32 4.82 -0.02	47.86 4.88 -3.64	49.02 5.00 -4.64	49.76 5.16 -4.60	50.98 5.42 -4.19	53.47 4.99 -8.87	53.63 6.35 -1.91	63.85 7.38 -2.21	68.77 7.20 -1.05	71.75 6.86 -1.91	68.31 5.00 0.00	58.55 4.29 0.00	51.02 4.13 0.00	43.80 3.98 0.00
BEACON___LESR 323632	40.25 0.60 0.00	36.91 0.65 0.00	34.81 0.72 0.00	33.01 0.61 0.00	33.61 0.59 0.00	36.25 0.54 0.00	40.68 0.80 0.00	45.28 0.89 0.00	43.12 0.85 0.00	41.40 0.81 0.00	40.31 0.83 0.00	40.25 0.91 0.00	40.25 0.87 0.00	40.95 0.96 0.00	42.44 1.07 0.00	40.79 1.19 0.00	46.64 1.27 0.00	55.84 1.57 0.00	62.16 1.63 0.00	64.62 1.63 0.00	64.58 1.27 0.00	55.29 1.03 0.00	47.79 0.89 0.00	40.61 0.80 0.00
BEAVER RIVER___HYD 24048	40.20 0.55 0.00	36.73 0.47 0.00	34.50 0.41 0.00	32.85 0.45 0.00	33.44 0.43 0.00	36.36 0.64 0.00	40.56 0.68 0.00	44.92 0.53 0.00	42.28 0.00 0.00	40.43 -0.16 0.00	39.05 -0.43 0.00	38.79 -0.55 0.00	38.48 -0.90 0.00	38.84 -1.16 0.00	40.09 -1.28 0.00	38.34 -1.27 0.00	44.01 -1.36 0.00	53.12 -1.14 0.00	60.22 -0.30 0.00	63.74 0.76 0.00	64.45 1.14 0.00	55.35 1.08 0.00	47.74 0.85 0.00	40.69 0.87 0.00
BEEBEE_GT_13 23619	37.67 -1.98 0.00	34.55 -1.70 0.00	32.46 -1.64 0.00	30.90 -1.49 0.00	31.50 -1.52 0.00	34.00 -1.71 0.00	37.61 -2.27 0.00	41.99 -2.40 0.00	39.74 -2.54 0.00	38.40 -2.19 0.00	37.51 -1.90 0.08	37.15 -1.77 0.42	37.36 -1.65 0.37	38.08 -1.52 0.40	38.89 -1.82 0.66	37.40 -1.82 0.39	41.92 -2.27 1.18	49.77 -2.22 2.27	55.64 -2.12 2.76	58.08 -2.02 2.88	57.55 -2.34 3.42	49.74 -2.22 2.30	43.23 -2.20 1.46	37.56 -1.75 0.50
BENSHRST_27_KV_BENSHRST_1 355998	42.07 2.42 0.00	38.58 2.32 0.00	36.31 2.22 0.00	34.50 2.11 0.00	34.80 1.78 0.00	37.28 1.57 0.00	42.28 2.39 0.00	47.63 3.24 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.59 4.11 0.00	43.51 4.17 0.00	44.21 4.33 -0.49	45.93 4.44 -1.50	50.24 4.67 -4.20	50.09 4.48 -6.01	57.10 5.40 -6.33	60.56 6.29 0.00	66.40 5.87 0.00	68.52 5.54 0.00	67.93 4.62 0.00	58.17 3.91 0.00	50.46 3.56 0.00	42.72 2.91 0.00
BETHLEHEM___GRP 23843	39.77 0.12 0.00	36.48 0.22 0.00	34.40 0.31 0.00	32.62 0.23 0.00	33.21 0.20 0.00	35.82 0.11 0.00	40.21 0.32 0.00	44.75 0.36 0.00	42.66 0.38 0.00	41.00 0.41 0.00	39.95 0.47 0.00	39.85 0.51 0.00	39.89 0.51 0.00	40.56 0.56 0.00	42.03 0.66 0.00	40.32 0.71 0.00	46.10 0.73 0.00	55.08 0.81 0.00	61.25 0.73 0.00	63.61 0.63 0.00	63.56 0.25 0.00	54.54 0.27 0.00	47.08 0.19 0.00	40.09 0.28 0.00
BETHLEHEM___GS1 323560	39.77 0.12 0.00	36.48 0.22 0.00	34.40 0.31 0.00	32.62 0.23 0.00	33.21 0.20 0.00	35.82 0.11 0.00	40.21 0.32 0.00	44.74 0.35 0.00	42.66 0.38 0.00	41.00 0.41 0.00	39.92 0.44 0.00	39.85 0.51 0.00	39.89 0.51 0.00	40.56 0.56 0.00	42.03 0.66 0.00	40.32 0.71 0.00	46.05 0.68 0.00	55.08 0.82 0.00	61.19 0.67 0.00	63.55 0.57 0.00	63.56 0.25 0.00	54.48 0.22 0.00	47.08 0.19 0.00	40.09 0.28 0.00
BETHLEHEM___GS2 323561	39.77 0.12 0.00	36.48 0.22 0.00	34.40 0.31 0.00	32.62 0.23 0.00	33.21 0.20 0.00	35.82 0.11 0.00	40.21 0.32 0.00	44.74 0.35 0.00	42.66 0.38 0.00	41.00 0.41 0.00	39.92 0.44 0.00	39.85 0.51 0.00	39.89 0.51 0.00	40.56 0.56 0.00	42.03 0.66 0.00	40.32 0.71 0.00	46.05 0.68 0.00	55.08 0.82 0.00	61.19 0.67 0.00	63.55 0.57 0.00	63.56 0.25 0.00	54.48 0.22 0.00	47.08 0.19 0.00	40.09 0.28 0.00
BETHLEHEM___GS3 323562	39.77 0.12 0.00	36.48 0.22 0.00	34.40 0.31 0.00	32.62 0.23 0.00	33.21 0.20 0.00	35.82 0.11 0.00	40.21 0.32 0.00	44.74 0.35 0.00	42.66 0.38 0.00	41.00 0.41 0.00	39.92 0.44 0.00	39.85 0.51 0.00	39.89 0.51 0.00	40.56 0.56 0.00	42.03 0.66 0.00	40.32 0.71 0.00	46.05 0.68 0.00	55.08 0.82 0.00	61.19 0.67 0.00	63.55 0.57 0.00	63.56 0.25 0.00	54.48 0.22 0.00	47.08 0.19 0.00	40.09 0.28 0.00
BETHLEHEM___STEEL 23779	35.92 -3.73 0.00	33.07 -3.19 0.00	31.16 -2.93 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.50 -4.39 0.00	39.77 -4.62 0.00	37.49 -4.78 0.01	36.21 -4.38 0.00	35.11 -4.30 0.07	34.88 -4.09 0.37	35.16 -3.90 0.32	35.93 -3.72 0.35	36.53 -4.26 0.58	35.34 -3.92 0.34	39.62 -4.72 1.04	47.05 -5.21 2.00	52.52 -5.57 2.43	54.77 -5.67 2.54	54.16 -6.14 3.01	46.70 -5.53 2.03	40.73 -4.88 1.28	35.47 -3.90 0.44
BETHLHEM_115KV_TB1 79974	39.85 0.20 0.00	36.55 0.29 0.00	34.47 0.38 0.00	32.69 0.29 0.00	33.28 0.26 0.00	35.89 0.18 0.00	40.29 0.40 0.00	44.83 0.44 0.00	42.74 0.47 0.00	41.08 0.49 0.00	40.03 0.55 0.00	39.93 0.59 0.00	39.97 0.59 0.00	40.64 0.64 0.00	42.11 0.74 0.00	40.40 0.79 0.00	46.19 0.82 0.00	55.19 0.92 0.00	61.37 0.85 0.00	63.74 0.76 0.00	63.69 0.38 0.00	54.64 0.38 0.00	47.22 0.33 0.00	40.17 0.36 0.00
BETHPAGE_CC_5 323564	42.42 2.77 0.00	38.76 2.50 0.00	36.28 2.18 0.00	34.24 1.85 0.00	34.86 1.85 0.00	37.25 1.53 0.00	42.12 2.23 0.00	47.59 3.20 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.88 4.38 -0.02	47.38 4.41 -3.64	48.50 4.49 -4.64	49.20 4.60 -4.60	50.27 4.71 -4.19	56.76 4.51 -12.65	55.21 5.44 -4.39	65.75 6.40 -5.09	69.05 6.11 -2.42	73.16 5.79 -4.39	67.74 4.43 0.00	57.84 3.58 0.00	50.32 3.42 0.00	43.24 3.42 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.92 -3.73 0.00	33.10 -3.15 0.00	31.19 -2.90 0.00	29.71 -2.69 0.00	30.14 -2.87 0.00	32.57 -3.14 0.00	35.58 -4.31 0.00	39.82 -4.57 0.00	37.57 -4.69 0.01	36.29 -4.30 0.00	35.07 -4.34 0.07	34.81 -4.17 0.36	35.13 -3.94 0.32	35.89 -3.76 0.35	36.49 -4.30 0.57	35.27 -4.00 0.34	39.58 -4.76 1.03	46.96 -5.32 1.98	52.48 -5.63 2.41	54.73 -5.73 2.52	54.12 -6.20 2.98	46.66 -5.59 2.01	40.65 -4.97 1.27	35.39 -3.98 0.44

BINGHAMTON___COGEN 23790	39.65 0.00 0.00	36.33 0.07 0.00	34.16 0.07 0.00	32.49 0.10 0.00	33.05 0.03 0.00	35.71 0.00 0.00	39.89 0.00 0.00	44.39 0.00 0.00	42.19 -0.08 0.00	40.47 -0.12 0.00	39.31 -0.16 0.02	39.09 -0.16 0.09	39.18 -0.12 0.08	39.83 -0.08 0.09	41.14 -0.08 0.15	39.44 -0.08 0.09	45.01 -0.09 0.27	53.80 0.05 0.52	60.02 0.12 0.63	62.64 0.31 0.65	62.60 0.06 0.78	53.80 0.05 0.52	46.52 -0.05 0.33	39.66 -0.04 0.11
BIXINCNT_115KV_LOAD 355685	36.00 -3.65 0.00	33.14 -3.12 0.00	31.23 -2.86 0.00	29.74 -2.66 0.00	30.14 -2.87 0.00	32.57 -3.14 0.00	35.66 -4.23 0.00	39.95 -4.44 0.00	37.70 -4.57 0.01	36.41 -4.18 0.00	34.92 -4.50 0.06	34.55 -4.45 0.35	34.78 -4.29 0.30	35.46 -4.20 0.33	36.06 -4.76 0.55	34.89 -4.40 0.32	39.17 -5.22 0.98	46.45 -5.91 1.90	51.92 -6.29 2.31	54.15 -6.42 2.41	53.43 -7.03 2.86	46.04 -6.29 1.93	40.14 -5.53 1.22	34.97 -4.42 0.42
BLACK RIVER___HYD 24047	40.48 0.83 0.00	37.02 0.76 0.00	34.77 0.68 0.00	33.14 0.75 0.00	33.71 0.69 0.00	36.68 0.96 0.00	40.92 1.04 0.00	45.32 0.93 0.00	42.53 0.26 0.00	40.63 0.04 0.00	39.16 -0.32 0.00	38.87 -0.47 0.00	38.55 -0.83 0.00	39.00 -1.00 0.00	40.25 -1.12 0.00	38.54 -1.07 0.00	44.28 -1.09 0.00	53.56 -0.71 0.00	60.95 0.43 0.00	64.81 1.83 0.00	65.40 2.09 0.00	56.16 1.90 0.00	48.30 1.41 0.00	41.13 1.31 0.00
BLACKRVR_115KV_TB2 79977	40.48 0.83 0.00	37.02 0.76 0.00	34.77 0.68 0.00	33.14 0.75 0.00	33.71 0.69 0.00	36.68 0.96 0.00	40.88 1.00 0.00	45.32 0.93 0.00	42.53 0.25 0.00	40.63 0.04 0.00	39.17 -0.32 0.00	38.87 -0.47 0.00	38.55 -0.83 0.00	39.00 -1.00 0.00	40.25 -1.12 0.00	38.53 -1.07 0.00	44.24 -1.13 0.00	53.56 -0.71 0.00	60.95 0.42 0.00	64.81 1.83 0.00	65.40 2.09 0.00	56.16 1.90 0.00	48.30 1.41 0.00	41.13 1.31 0.00
BLISS_WT_PWR 323608	35.96 -3.69 0.00	33.14 -3.12 0.00	31.19 -2.90 0.00	29.74 -2.66 0.00	30.14 -2.87 0.00	32.53 -3.18 0.00	35.86 -4.03 0.00	39.91 -4.48 0.00	37.70 -4.57 0.01	36.41 -4.18 0.00	35.03 -4.38 0.07	34.51 -4.49 0.35	34.74 -4.33 0.30	35.39 -4.28 0.33	36.10 -4.72 0.55	34.81 -4.48 0.32	39.26 -5.13 0.98	46.34 -6.03 1.90	52.16 -6.05 2.31	54.33 -6.24 2.41	53.30 -7.15 2.86	46.20 -6.13 1.93	40.09 -5.58 1.22	34.85 -4.54 0.42
BLUESTONE___WT_PWR 323821	40.92 1.27 0.00	37.45 1.19 0.00	35.25 1.16 0.00	33.46 1.07 0.00	34.04 1.02 0.00	36.86 1.14 0.00	40.92 1.04 0.00	45.59 1.20 0.00	43.20 0.93 0.00	41.36 0.77 0.00	40.22 0.75 0.01	40.02 0.75 0.06	39.90 0.67 0.14	40.26 0.68 0.42	40.92 0.66 1.11	38.69 0.59 1.51	45.95 0.77 0.19	55.14 1.25 0.37	61.71 1.63 0.45	64.53 2.01 0.47	64.53 1.77 0.55	55.52 1.63 0.37	47.93 1.27 0.24	40.81 1.08 0.08
BLUE_CIRC_CHEM_DRP 24182	40.32 0.67 0.00	37.02 0.76 0.00	34.88 0.78 0.00	33.07 0.68 0.00	33.67 0.66 0.00	36.32 0.61 0.00	40.73 0.84 0.00	45.28 0.89 0.00	43.08 0.80 0.00	41.28 0.69 0.00	40.19 0.71 0.00	40.05 0.71 0.00	40.09 0.71 0.00	40.76 0.76 0.00	42.20 0.83 0.00	40.48 0.87 0.00	46.37 1.00 0.00	55.51 1.25 0.00	61.92 1.39 0.00	64.43 1.45 0.00	64.45 1.14 0.00	55.30 1.03 0.00	47.79 0.89 0.00	40.65 0.84 0.00
BOC_GAS_DRP 24189	40.05 0.40 0.00	36.73 0.47 0.00	34.60 0.51 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.03 0.32 0.00	40.45 0.56 0.00	45.06 0.67 0.00	42.99 0.72 0.00	41.32 0.73 0.00	40.27 0.79 0.00	40.17 0.83 0.00	40.21 0.83 0.00	40.88 0.88 0.00	42.32 0.95 0.00	40.59 0.99 0.00	46.46 1.09 0.00	55.51 1.25 0.00	61.68 1.15 0.00	64.05 1.07 0.00	64.01 0.70 0.00	54.92 0.65 0.00	47.51 0.61 0.00	40.33 0.52 0.00
BOONVILLE_115KV_TB1 79983	40.44 0.79 0.00	36.98 0.73 0.00	34.77 0.68 0.00	33.07 0.68 0.00	33.64 0.63 0.00	36.53 0.82 0.00	40.80 0.92 0.00	45.32 0.93 0.00	42.78 0.51 0.00	40.96 0.37 0.00	39.64 0.16 0.00	39.46 0.12 0.00	39.22 -0.16 0.00	39.72 -0.28 0.00	41.08 -0.29 0.00	39.33 -0.28 0.00	45.10 -0.27 0.00	54.37 0.11 0.00	61.37 0.85 0.00	64.56 1.57 0.00	65.08 1.77 0.00	55.84 1.57 0.00	48.12 1.22 0.00	40.89 1.07 0.00
BORALEX_4TH_BRANCH 23824	40.76 1.11 0.00	37.38 1.12 0.00	35.32 1.23 0.00	33.43 1.04 0.00	34.10 1.09 0.00	36.71 1.00 0.00	41.40 1.52 0.00	45.94 1.55 0.00	43.88 1.61 0.00	42.34 1.75 0.00	41.10 1.62 0.00	41.03 1.69 0.00	41.03 1.65 0.00	41.72 1.72 0.00	43.31 1.94 0.00	41.78 2.18 0.00	47.55 2.18 0.00	56.87 2.60 0.00	63.19 2.66 0.00	65.50 2.52 0.00	65.40 2.09 0.00	56.27 2.01 0.00	48.58 1.69 0.00	41.33 1.51 0.00
BOWLINE___1 23526	41.28 1.63 0.00	37.82 1.56 0.00	35.59 1.50 0.00	33.66 1.26 0.00	34.27 1.25 0.00	36.93 1.21 0.00	41.64 1.75 0.00	46.79 2.40 0.00	44.98 2.71 0.00	43.15 2.56 0.00	42.40 2.92 0.00	42.37 3.03 0.00	43.09 3.11 -0.60	45.61 3.20 -2.42	51.52 3.31 -6.85	52.62 3.21 -9.81	49.32 3.95 0.00	58.82 4.56 0.00	64.64 4.12 0.00	66.89 3.91 0.00	66.47 3.16 0.00	56.92 2.66 0.00	49.33 2.44 0.00	41.80 1.99 0.00
BOWLINE___2 23595	41.28 1.63 0.00	37.82 1.56 0.00	35.59 1.50 0.00	33.66 1.26 0.00	34.27 1.25 0.00	36.93 1.21 0.00	41.64 1.75 0.00	46.79 2.40 0.00	44.98 2.71 0.00	43.15 2.56 0.00	42.40 2.92 0.00	42.37 3.03 0.00	43.09 3.11 -0.60	45.60 3.20 -2.40	51.49 3.31 -6.81	52.57 3.21 -9.76	49.32 3.95 0.00	58.82 4.56 0.00	64.70 4.17 0.00	66.89 3.91 0.00	66.47 3.16 0.00	56.92 2.66 0.00	49.33 2.44 0.00	41.80 1.99 0.00
BRADY___115KV_TB2 356060	40.13 0.48 0.00	36.59 0.33 0.00	34.26 0.17 0.00	32.62 0.23 0.00	33.31 0.30 0.00	36.18 0.46 0.00	40.25 0.36 0.00	44.61 0.22 0.00	42.28 0.00 0.00	40.43 -0.16 0.00	39.13 -0.36 0.00	38.87 -0.47 0.00	38.75 -0.63 0.00	39.20 -0.80 0.00	40.42 -0.95 0.00	38.65 -0.95 0.00	44.33 -1.04 0.00	52.96 -1.30 0.00	59.74 -0.79 0.00	62.60 -0.38 0.00	63.56 0.25 0.00	54.48 0.22 0.00	47.13 0.23 0.00	40.21 0.40 0.00
BRANSCOMB___SOLAR 323811	41.31 1.66 0.00	37.89 1.63 0.00	35.73 1.64 0.00	33.92 1.52 0.00	34.50 1.49 0.00	37.28 1.57 0.00	41.80 1.91 0.00	46.43 2.04 0.00	44.05 1.78 0.00	42.22 1.63 0.00	40.82 1.34 0.00	40.68 1.34 0.00	40.60 1.22 0.00	41.24 1.24 0.00	42.73 1.36 0.00	41.11 1.50 0.00	46.69 1.32 0.00	55.95 1.68 0.00	62.77 2.24 0.00	65.50 2.52 0.00	65.85 2.54 0.00	56.44 2.17 0.00	48.68 1.78 0.00	41.29 1.47 0.00
BRDGHMPT_69_KV_BK1 55812	43.46 3.81 0.00	39.63 3.37 0.00	37.43 3.34 0.00	35.41 3.01 0.00	35.62 2.61 0.00	37.82 2.11 0.00	43.16 3.27 0.00	48.30 3.91 0.00	46.97 4.69 0.00	45.10 4.51 0.00	44.95 5.45 -0.02	48.49 5.51 -3.64	49.65 5.63 -4.64	50.40 5.80 -4.60	51.64 6.08 -4.19	53.76 5.66 -8.49	54.33 7.30 -1.66	64.76 8.57 -1.92	69.91 8.47 -0.91	72.70 8.06 -1.66	69.32 6.01 0.00	59.31 5.05 0.00	51.68 4.78 0.00	44.39 4.58 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	42.66 3.01 0.00	38.94 2.68 0.00	36.65 2.56 0.00	34.69 2.30 0.00	35.03 2.01 0.00	37.39 1.68 0.00	42.68 2.79 0.00	47.72 3.33 0.00	46.25 3.97 0.00	44.41 3.82 0.00	44.16 4.66 -0.02	47.66 4.68 -3.64	48.78 4.77 -4.64	49.48 4.88 -4.60	50.65 5.09 -4.19	53.23 4.67 -8.95	53.18 5.85 -1.96	63.21 6.67 -2.27	68.08 6.48 -1.08	71.11 6.17 -1.96	67.80 4.50 0.00	58.17 3.91 0.00	50.70 3.80 0.00	43.48 3.66 0.00
BRISTLHL_115KV_TB1 79998	38.82 -0.83 0.00	35.53 -0.73 0.00	33.41 -0.68 0.00	31.78 -0.62 0.00	32.35 -0.66 0.00	35.00 -0.71 0.00	39.09 -0.80 0.00	43.41 -0.98 0.00	41.22 -1.06 0.00	39.62 -0.97 0.00	38.47 -1.07 -0.05	38.56 -1.06 -0.28	38.57 -1.06 -0.25	39.19 -1.08 -0.27	40.74 -1.08 -0.45	38.84 -1.03 -0.27	44.96 -1.22 -0.82	54.54 -1.30 -1.58	61.12 -1.33 -1.92	63.79 -1.20 -2.00	64.36 -1.33 -2.37	54.67 -1.19 -1.60	46.79 -1.13 -1.01	39.21 -0.96 -0.35
BROOKHAVEN___DRP 24191	42.31 2.66 0.00	38.58 2.32 0.00	36.48 2.39 0.00	34.50 2.11 0.00	34.73 1.72 0.00	37.00 1.29 0.00	42.20 2.31 0.00	47.14 2.75 0.00	45.78 3.51 0.00	43.92 3.33 0.00	43.68 4.19 -0.02	47.19 4.21 -3.64	48.31 4.29 -4.64	49.04 4.44 -4.60	50.23 4.67 -4.19	52.36 4.28 -8.48	52.60 5.58 -1.65	62.58 6.40 -1.91	67.54 6.11 -0.90	70.36 5.73 -1.65	67.29 3.99 0.00	57.62 3.36 0.00	50.32 3.42 0.00	43.32 3.50 0.00
BROOKLYN_NAVY_YARD 23515	41.63 1.98 0.00	38.18 1.92 0.00	35.93 1.84 0.00	33.92 1.52 0.00	34.50 1.49 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.19 3.71 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.49 4.00 -1.50	49.66 4.10 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.91 5.64 0.00	65.61 5.08 0.00	67.71 4.73 0.00	67.24 3.93 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
BROOKLYN___ARMY_DRP 323595	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.21 5.23 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.27 3.38 0.00	42.56 2.75 0.00
BROOME_2_LFGE 323671	39.65 0.00 0.00	36.33 0.07 0.00	34.16 0.07 0.00	32.46 0.06 0.00	33.05 0.03 0.00	35.71 0.00 0.00	39.93 0.04 0.00	44.39 0.00 0.00	42.15 -0.13 0.00	40.47 -0.12 0.00	39.31 -0.16 0.02	39.09 -0.16 0.09	39.18 -0.12 0.08	39.83 -0.08 0.09	41.14 0.00 0.15	39.44 -0.08 0.09	45.06 -0.05 0.27	53.80 0.05 0.52	60.08 0.18 0.63	62.64 0.32 0.65	62.60 0.06 0.78	53.85 0.11 0.52	46.52 -0.05 0.33	39.62 -0.08 0.11
BROOME___LFGE 323600	39.65 0.00 0.00	36.33 0.07 0.00	34.16 0.07 0.00	32.46 0.06 0.00	33.05 0.03 0.00	35.71 0.00 0.00	39.93 0.04 0.00	44.39 0.00 0.00	42.15 -0.13 0.00	40.47 -0.12 0.00	39.31 -0.16 0.02	39.09 -0.16 0.09	39.18 -0.12 0.08	39.83 -0.08 0.09	41.14 -0.08 0.15	39.44 -0.08 0.09	45.06 -0.05 0.27	53.80 0.05 0.52	60.08 0.18 0.63	62.64 0.32 0.65	62.60 0.06 0.78	53.85 0.11 0.52	46.52 -0.05 0.33	39.62 -0.08 0.11
BROWNFLS_115KV_TB_3_5 80003	39.81 0.16 0.00	36.33 0.07 0.00	34.06 -0.03 0.00	32.43 0.03 0.00	33.08 0.07 0.00	35.93 0.21 0.00	40.05 0.16 0.00	44.39 0.00 0.00	41.94 -0.34 0.00	40.10 -0.49 0.00	38.77 -0.71 0.00	38.51 -0.83 0.00	38.20 -1.18 0.00	38.52 -1.48 0.00	39.71 -1.65 0.00	37.98 -1.62 0.00	43.60 -1.77 0.00	52.36 -1.90 0.00	59.25 -1.27 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.32 0.05 0.00	46.94 0.05 0.00	40.09 0.28 0.00
BROWNSV1_27_KV_LOAD 356125	41.99 2.34 0.00	38.51 2.25 0.00	36.27 2.18 0.00	34.40 2.01 0.00	34.80 1.78 0.00	37.46 1.75 0.00	42.48 2.59 0.00	47.76 3.37 0.00	46.04 3.76 0.00	44.16 3.57 0.00	43.59 4.11 0.00	43.47 4.13 0.00	44.09 4.21 -0.49	45.81 4.32 -1.50	50.07 4.51 -4.20	49.89 4.28 -6.01	56.89 5.26 -6.26	60.40 6.13 0.00	66.28 5.75 0.00	68.46 5.48 0.00	67.87 4.56 0.00	58.12 3.85 0.00	50.32 3.42 0.00	42.60 2.79 0.00
BURROWS___LYONSDAL 23803	40.36 0.71 0.00	36.91 0.65 0.00	34.71 0.61 0.00	33.01 0.62 0.00	33.61 0.59 0.00	36.50 0.79 0.00	40.73 0.84 0.00	45.23 0.84 0.00	42.66 0.38 0.00	40.83 0.24 0.00	39.48 0.00 0.00	39.30 -0.04 0.00	39.03 -0.35 0.00	39.52 -0.48 0.00	40.83 -0.54 0.00	39.05 -0.55 0.00	44.83 -0.54 0.00	54.10 -0.16 0.00	61.07 0.54 0.00	64.37 1.39 0.00	64.96 1.65 0.00	55.73 1.47 0.00	48.02 1.13 0.00	40.85 1.04 0.00
CAITHNESS_CC_1 323624	42.27 2.62 0.00	38.65 2.39 0.00	36.14 2.05 0.00	34.17 1.78 0.00	34.70 1.68 0.00	37.00 1.28 0.00	41.68 1.80 0.00	47.14 2.75 0.00	45.74 3.47 0.00	43.88 3.29 0.00	43.61 4.11 -0.02	47.15 4.17 -3.64	48.31 4.29 -4.64	49.00 4.40 -4.60	50.11 4.55 -4.19	52.32 4.24 -8.47	52.50 5.49 -1.64	62.46 6.29 -1.90	67.24 5.81 -0.90	69.97 5.35 -1.64	67.17 3.86 0.01	57.51 3.26 0.01	50.18 3.28 0.00	43.36 3.54 0.00
CALPINE BETH_PAGE_GT4 24209	42.39 2.74 0.00	38.72 2.47 0.00	36.44 2.35 0.00	34.50 2.11 0.00	34.86 1.85 0.00	37.25 1.54 0.00	42.52 2.63 0.00	47.59 3.20 0.00	46.08 3.80 0.00	44.24 3.65 0.00	43.92 4.42 -0.02	47.31 4.33 -3.64	48.43 4.41 -4.64	49.12 4.52 -4.60	50.27 4.72 -4.19	59.03 4.44 -14.99	56.62 5.31 -5.94	67.38 6.24 -6.88	69.79 5.99 -3.27	74.65 5.73 -5.94	67.55 4.24 0.00	57.74 3.47 0.00	50.32 3.42 0.00	42.96 3.15 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.38 2.73 0.00	38.76 2.50 0.00	36.28 2.18 0.00	34.24 1.85 0.00	34.86 1.85 0.00	37.25 1.53 0.00	42.12 2.23 0.00	47.59 3.20 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.88 4.38 -0.02	47.31 4.33 -3.64	48.43 4.41 -4.64	49.12 4.52 -4.60	50.23 4.67 -4.19	59.03 4.43 -14.99	56.61 5.31 -5.94	67.38 6.24 -6.88	69.66 5.87 -3.27	74.52 5.60 -5.94	67.56 4.24 0.00	57.69 3.42 0.00	50.28 3.38 0.00	43.20 3.38 0.00
CALPINE_BP_GT1 23823	42.38 2.73 0.00	38.76 2.50 0.00	36.28 2.18 0.00	34.24 1.85 0.00	34.86 1.85 0.00	37.25 1.53 0.00	42.12 2.23 0.00	47.59 3.20 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.88 4.38 -0.02	47.31 4.33 -3.64	48.43 4.41 -4.64	49.12 4.52 -4.60	50.23 4.67 -4.19	59.03 4.43 -14.99	56.61 5.31 -5.94	67.38 6.24 -6.88	69.66 5.87 -3.27	74.52 5.60 -5.94	67.56 4.24 0.00	57.69 3.42 0.00	50.28 3.38 0.00	43.20 3.38 0.00
CALSPAN___DRP 24200	35.92 -3.73 0.00	33.07 -3.19 0.00	31.16 -2.93 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.50 -4.39 0.00	39.77 -4.62 0.00	37.49 -4.78 0.01	36.21 -4.38 0.00	35.11 -4.30 0.07	34.88 -4.09 0.37	35.16 -3.90 0.32	35.93 -3.72 0.35	36.53 -4.26 0.58	35.34 -3.92 0.34	39.62 -4.72 1.04	47.05 -5.21 2.00	52.52 -5.57 2.43	54.77 -5.67 2.54	54.16 -6.14 3.01	46.70 -5.53 2.03	40.73 -4.88 1.28	35.47 -3.90 0.44

CALVERTON___SOLAR 323806	42.42 2.77 0.00	38.80 2.54 0.00	36.24 2.15 0.00	34.30 1.91 0.00	34.83 1.81 0.00	37.07 1.36 0.00	41.76 1.88 0.00	47.23 2.84 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.73 4.23 -0.02	47.27 4.29 -3.64	48.43 4.41 -4.64	49.16 4.56 -4.60	50.27 4.71 -4.19	52.49 4.40 -8.49	52.74 5.72 -1.65	62.79 6.62 -1.91	67.61 6.18 -0.91	70.36 5.73 -1.65	67.48 4.18 0.00	57.73 3.48 0.01	50.37 3.47 0.00	43.56 3.74 0.00
CANDIGU_WT_PWR 323617	38.14 -1.51 0.00	35.03 -1.23 0.00	32.93 -1.16 0.00	31.33 -1.07 0.00	31.86 -1.16 0.00	34.43 -1.28 0.00	38.21 -1.67 0.00	42.22 -2.17 0.00	39.67 -2.54 0.07	38.16 -2.43 0.00	37.07 -2.37 0.05	36.66 -2.44 0.24	36.81 -2.36 0.21	37.49 -2.28 0.23	38.54 -2.44 0.39	37.00 -2.38 0.23	42.00 -2.68 0.69	49.89 -3.04 1.33	56.06 -2.84 1.62	58.90 -2.39 1.69	58.59 -2.72 2.00	50.69 -2.23 1.35	43.84 -2.20 0.86	37.65 -1.87 0.30
CARR STREET_E_SYR 24060	39.13 -0.52 0.00	35.79 -0.47 0.00	33.68 -0.41 0.00	32.01 -0.39 0.00	32.58 -0.43 0.00	35.25 -0.47 0.00	39.41 -0.48 0.00	43.77 -0.62 0.00	41.56 -0.72 0.00	39.94 -0.65 0.00	38.78 -0.67 0.03	38.47 -0.71 0.16	38.57 -0.67 0.14	39.16 -0.68 0.16	40.45 -0.66 0.26	38.77 -0.67 0.16	44.11 -0.77 0.48	52.52 -0.81 0.93	58.60 -0.79 1.14	61.17 -0.63 1.18	61.08 -0.82 1.40	52.61 -0.71 0.94	45.54 -0.75 0.60	38.97 -0.64 0.21
CARTHAGE___PAPER 23857	40.36 0.71 0.00	36.87 0.62 0.00	34.64 0.54 0.00	33.01 0.61 0.00	33.57 0.56 0.00	36.53 0.82 0.00	40.76 0.88 0.00	45.14 0.75 0.00	42.45 0.17 0.00	40.55 -0.04 0.00	39.13 -0.36 0.00	38.83 -0.51 0.00	38.51 -0.87 0.00	38.88 -1.12 0.00	40.17 -1.20 0.00	38.42 -1.19 0.00	44.15 -1.22 0.00	53.29 -0.98 0.00	60.59 0.06 0.00	64.24 1.26 0.00	64.95 1.64 0.00	55.78 1.52 0.00	48.02 1.12 0.00	40.93 1.11 0.00
CASSADAGA_WT_PWR 323784	36.36 -3.29 0.00	33.47 -2.79 0.00	31.53 -2.56 0.00	30.09 -2.30 0.00	30.54 -2.48 0.00	33.07 -2.64 0.00	36.54 -3.35 0.00	40.53 -3.86 0.00	38.21 -4.06 0.01	36.94 -3.65 0.00	35.86 -3.55 0.07	35.37 -3.62 0.35	35.65 -3.43 0.31	36.38 -3.28 0.34	37.05 -3.76 0.55	35.75 -3.52 0.33	40.38 -3.99 0.99	47.68 -4.67 1.92	53.65 -4.54 2.33	56.14 -4.41 2.43	54.85 -5.57 2.88	47.59 -4.72 1.95	41.21 -4.46 1.23	35.81 -3.58 0.43
CE_DUNWOOD___DRP 24194	41.51 1.86 0.00	38.07 1.81 0.00	35.83 1.74 0.00	34.01 1.62 0.00	34.47 1.45 0.00	37.11 1.39 0.00	41.96 2.07 0.00	47.10 2.71 0.00	45.32 3.04 0.00	43.47 2.88 0.00	42.84 3.36 0.00	42.68 3.34 0.00	43.24 3.47 -0.39	45.14 3.56 -1.58	49.53 3.68 -4.48	49.51 3.49 -6.42	49.68 4.31 0.00	59.26 4.99 0.00	65.19 4.66 0.00	67.39 4.41 0.00	66.86 3.55 0.00	57.30 3.04 0.00	49.66 2.77 0.00	42.04 2.23 0.00
CE_MILLWOOD___DRP 24193	41.43 1.78 0.00	37.96 1.70 0.00	35.76 1.67 0.00	33.95 1.55 0.00	34.40 1.39 0.00	37.03 1.32 0.00	41.88 1.99 0.00	46.96 2.57 0.00	45.19 2.92 0.00	43.35 2.76 0.00	42.68 3.20 0.00	42.57 3.23 0.00	43.12 3.31 -0.43	45.12 3.40 -1.72	49.80 3.56 -4.88	49.96 3.37 -6.99	49.54 4.17 0.00	59.09 4.83 0.00	65.00 4.48 0.00	67.20 4.22 0.00	66.73 3.42 0.00	57.19 2.93 0.00	49.57 2.67 0.00	41.96 2.15 0.00
CE_NYC2_DRP 24202	41.75 2.10 0.00	38.29 2.03 0.00	36.07 1.98 0.00	34.24 1.85 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.20 3.86 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.62 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.61 5.08 0.00	67.70 4.72 0.00	67.11 3.80 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.28 2.47 0.00
CE_NYC_DRP 24195	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.51 4.90 -6.24	59.91 5.64 0.00	65.73 5.21 0.00	67.89 4.91 0.00	67.30 3.99 0.00	57.68 3.42 0.00	49.99 3.10 0.00	42.32 2.51 0.00
CHAFFEE___LFGE 323603	35.92 -3.73 0.00	33.07 -3.19 0.00	31.13 -2.97 0.00	29.71 -2.69 0.00	30.14 -2.87 0.00	32.57 -3.14 0.00	35.86 -4.03 0.00	39.82 -4.57 0.00	37.53 -4.73 0.01	36.29 -4.30 0.00	35.30 -4.11 0.07	34.85 -4.13 0.36	35.17 -3.90 0.31	35.94 -3.72 0.34	36.67 -4.14 0.56	35.35 -3.92 0.33	39.87 -4.49 1.01	47.10 -5.21 1.95	53.01 -5.14 2.37	55.34 -5.16 2.47	54.30 -6.08 2.93	47.13 -5.16 1.98	40.81 -4.83 1.25	35.36 -4.02 0.43
CHATEAUG_35_KV_LOAD 355732	39.81 0.16 0.00	36.30 0.04 0.00	34.02 -0.07 0.00	32.36 -0.03 0.00	33.08 0.07 0.00	35.86 0.14 0.00	39.93 0.04 0.00	44.35 -0.04 0.00	42.11 -0.17 0.00	40.35 -0.24 0.00	39.13 -0.36 0.00	38.87 -0.47 0.00	38.83 -0.55 0.00	39.32 -0.68 0.00	40.58 -0.79 0.00	38.77 -0.83 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.68 -0.85 0.00	62.35 -0.63 0.00	62.93 -0.38 0.00	53.94 -0.33 0.00	46.66 -0.23 0.00	39.66 -0.16 0.00
CHATEAUG_WT_PWR 323614	39.73 0.08 0.00	36.22 -0.04 0.00	33.96 -0.14 0.00	32.33 -0.06 0.00	33.01 0.00 0.00	35.78 0.07 0.00	39.85 -0.04 0.00	44.30 -0.09 0.00	42.11 -0.17 0.00	40.39 -0.20 0.00	39.13 -0.36 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.36 -0.64 0.00	40.62 -0.74 0.00	38.81 -0.79 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.62 -0.91 0.00	62.16 -0.82 0.00	62.80 -0.51 0.00	53.83 -0.44 0.00	46.57 -0.33 0.00	39.62 -0.20 0.00
CHAT_HIGH_FALL_HYD 323578	39.81 0.16 0.00	36.30 0.04 0.00	34.02 -0.07 0.00	32.36 -0.03 0.00	33.08 0.07 0.00	35.86 0.14 0.00	39.93 0.04 0.00	44.35 -0.04 0.00	42.11 -0.17 0.00	40.35 -0.24 0.00	39.13 -0.36 0.00	38.87 -0.47 0.00	38.83 -0.55 0.00	39.32 -0.68 0.00	40.58 -0.79 0.00	38.77 -0.83 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.68 -0.85 0.00	62.35 -0.63 0.00	62.93 -0.38 0.00	53.94 -0.33 0.00	46.66 -0.23 0.00	39.66 -0.16 0.00
CHAUTAUQUA___LFGE 323629	36.28 -3.37 0.00	33.39 -2.87 0.00	31.43 -2.66 0.00	30.00 -2.40 0.00	30.44 -2.58 0.00	32.93 -2.79 0.00	36.30 -3.59 0.00	40.26 -4.13 0.00	38.00 -4.27 0.01	36.65 -3.94 0.00	35.74 -3.67 0.07	35.28 -3.70 0.36	35.56 -3.51 0.31	36.34 -3.32 0.34	37.04 -3.76 0.56	35.71 -3.56 0.33	40.36 -3.99 1.01	47.59 -4.72 1.95	53.55 -4.60 2.38	55.97 -4.54 2.48	54.86 -5.51 2.94	47.61 -4.67 1.98	41.23 -4.41 1.25	35.80 -3.58 0.43
CHERRYST_13_KV_LD 356241	41.83 2.18 0.00	38.36 2.10 0.00	36.14 2.05 0.00	34.31 1.91 0.00	34.70 1.68 0.00	37.36 1.64 0.00	42.36 2.47 0.00	47.63 3.24 0.00	45.91 3.64 0.00	44.04 3.45 0.00	43.43 3.95 0.00	43.31 3.97 0.00	43.97 4.10 -0.49	45.69 4.20 -1.50	49.91 4.34 -4.20	49.77 4.16 -6.01	56.70 5.08 -6.24	60.18 5.91 0.00	65.97 5.45 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.85 3.58 0.00	50.13 3.24 0.00	42.40 2.59 0.00

CHESTROR_138KV_BK263 355645	41.04 1.39 0.00	37.60 1.34 0.00	35.42 1.33 0.00	33.63 1.23 0.00	34.07 1.06 0.00	36.75 1.04 0.00	41.48 1.60 0.00	46.43 2.04 0.00	44.56 2.28 0.00	42.74 2.15 0.00	42.01 2.53 0.00	41.90 2.56 0.00	45.60 2.64 -3.58	57.08 2.72 -14.36	84.92 2.85 -40.69	100.64 2.73 -58.31	48.77 3.40 0.00	58.28 4.02 0.00	64.28 3.75 0.00	66.51 3.53 0.00	66.10 2.79 0.00	56.71 2.44 0.00	49.05 2.16 0.00	41.57 1.75 0.00
CH_MIDHUDSON___DRP 24192	41.32 1.67 0.00	37.89 1.63 0.00	35.69 1.60 0.00	33.85 1.46 0.00	34.30 1.29 0.00	37.00 1.29 0.00	41.80 1.91 0.00	46.83 2.44 0.00	44.94 2.66 0.00	43.15 2.56 0.00	42.36 2.88 0.00	42.25 2.91 0.00	42.37 2.99 0.00	43.08 3.08 0.00	44.59 3.23 0.00	42.73 3.13 0.00	49.23 3.86 0.00	58.82 4.56 0.00	64.88 4.36 0.00	67.14 4.16 0.00	66.60 3.29 0.00	57.14 2.88 0.00	49.48 2.58 0.00	41.88 2.07 0.00
CH_MISC_IPPS 23765	41.51 1.86 0.00	38.04 1.78 0.00	35.80 1.70 0.00	33.89 1.49 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.92 2.03 0.00	47.01 2.62 0.00	45.15 2.88 0.00	43.27 2.68 0.00	42.44 2.96 0.00	42.41 3.07 0.00	42.53 3.15 0.00	43.23 3.24 0.00	44.72 3.35 0.00	42.89 3.29 0.00	49.45 4.08 0.00	59.20 4.94 0.00	65.25 4.72 0.00	67.52 4.54 0.00	67.04 3.73 0.00	57.41 3.15 0.00	49.71 2.81 0.00	42.08 2.27 0.00
CH_RES_BVR_FALLS 23983	39.61 -0.04 0.00	36.19 -0.07 0.00	34.02 -0.07 0.00	32.33 -0.06 0.00	32.95 -0.07 0.00	35.68 -0.04 0.00	39.81 -0.08 0.00	44.30 -0.09 0.00	42.19 -0.08 0.00	40.47 -0.12 0.00	39.32 -0.16 0.00	39.18 -0.16 0.00	39.18 -0.20 0.00	39.76 -0.24 0.00	41.12 -0.25 0.00	39.33 -0.28 0.00	45.05 -0.32 0.00	53.83 -0.44 0.00	60.16 -0.36 0.00	62.61 -0.38 0.00	63.06 -0.25 0.00	54.05 -0.22 0.00	46.71 -0.19 0.00	39.70 -0.12 0.00
CH_RES_NIAGARA 23895	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
CH_RES_SYRACUSE 23985	39.41 -0.24 0.00	36.08 -0.18 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.16 0.00	35.50 -0.21 0.00	39.69 -0.20 0.00	44.08 -0.31 0.00	41.85 -0.42 0.00	40.23 -0.37 0.00	39.05 -0.43 0.00	38.83 -0.51 0.00	38.91 -0.47 0.00	39.52 -0.48 0.00	40.91 -0.45 0.00	39.13 -0.47 0.00	44.83 -0.54 0.00	53.72 -0.54 0.00	60.10 -0.42 0.00	62.73 -0.25 0.00	62.87 -0.44 0.00	53.94 -0.32 0.00	46.47 -0.42 0.00	39.42 -0.40 0.00
CLINTON_WT_PWR 323605	39.73 0.08 0.00	36.22 -0.04 0.00	33.96 -0.14 0.00	32.33 -0.06 0.00	33.01 0.00 0.00	35.78 0.07 0.00	39.85 -0.04 0.00	44.30 -0.09 0.00	42.11 -0.17 0.00	40.39 -0.20 0.00	39.13 -0.36 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.36 -0.64 0.00	40.62 -0.74 0.00	38.81 -0.79 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.62 -0.91 0.00	62.16 -0.82 0.00	62.80 -0.51 0.00	53.83 -0.44 0.00	46.57 -0.33 0.00	39.62 -0.20 0.00
CLINTON___LFGE 323618	40.05 0.40 0.00	36.48 0.22 0.00	34.16 0.07 0.00	32.56 0.16 0.00	33.25 0.23 0.00	36.03 0.32 0.00	40.21 0.32 0.00	44.61 0.22 0.00	42.40 0.13 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.27 0.00	39.06 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.29 -0.98 0.00	60.10 -0.42 0.00	62.79 -0.19 0.00	63.31 0.00 0.00	54.26 0.00 0.00	46.85 -0.05 0.00	39.89 0.08 0.00
COBBLENY_34_KV_TB1 80064	35.92 -3.73 0.00	33.10 -3.15 0.00	31.19 -2.90 0.00	29.71 -2.69 0.00	30.14 -2.87 0.00	32.57 -3.14 0.00	35.58 -4.31 0.00	39.82 -4.57 0.00	37.53 -4.73 0.01	36.29 -4.30 0.00	35.07 -4.34 0.07	34.85 -4.13 0.36	35.17 -3.90 0.31	35.94 -3.72 0.34	36.54 -4.26 0.56	35.35 -3.92 0.33	39.64 -4.72 1.01	47.10 -5.21 1.95	52.64 -5.51 2.37	54.90 -5.61 2.47	54.30 -6.08 2.93	46.75 -5.53 1.98	40.72 -4.92 1.25	35.44 -3.94 0.43
COFFEEN___115KV_TB3 355620	40.60 0.95 0.00	37.13 0.87 0.00	34.88 0.78 0.00	33.24 0.84 0.00	33.81 0.79 0.00	36.78 1.07 0.00	41.04 1.16 0.00	45.46 1.07 0.00	42.61 0.34 0.00	40.71 0.12 0.00	39.20 -0.28 0.00	38.95 -0.39 0.00	38.63 -0.75 0.00	39.04 -0.96 0.00	40.29 -1.08 0.00	38.57 -1.03 0.00	44.33 -1.04 0.00	53.67 -0.60 0.00	61.13 0.61 0.00	65.12 2.14 0.00	65.72 2.41 0.00	56.43 2.17 0.00	48.49 1.59 0.00	41.29 1.47 0.00
COLDSPRG_115KV_BK1 355956	36.40 -3.25 0.00	33.50 -2.76 0.00	31.60 -2.49 0.00	30.13 -2.27 0.00	30.54 -2.48 0.00	33.07 -2.64 0.00	36.34 -3.55 0.00	40.57 -3.82 0.00	38.30 -3.97 0.01	36.94 -3.65 0.00	35.47 -3.95 0.06	35.11 -3.89 0.34	35.38 -3.70 0.30	36.11 -3.56 0.33	36.69 -4.14 0.54	35.53 -3.76 0.32	39.96 -4.45 0.97	47.41 -4.99 1.86	52.99 -5.27 2.27	55.45 -5.16 2.36	54.68 -5.82 2.80	47.11 -5.26 1.89	40.92 -4.78 1.20	35.62 -3.78 0.41
COLONIE_LFGE___ 323577	40.60 0.95 0.00	37.24 0.98 0.00	35.11 1.02 0.00	33.33 0.94 0.00	33.91 0.89 0.00	36.57 0.86 0.00	41.08 1.20 0.00	45.68 1.29 0.00	43.50 1.23 0.00	41.85 1.26 0.00	40.63 1.15 0.00	40.56 1.22 0.00	40.56 1.18 0.00	41.24 1.24 0.00	42.73 1.36 0.00	41.11 1.50 0.00	46.86 1.49 0.00	56.11 1.85 0.00	62.52 1.99 0.00	65.00 2.01 0.00	65.02 1.71 0.00	55.78 1.52 0.00	48.16 1.27 0.00	40.93 1.11 0.00
COOPERNY_115KV_TB1 80082	40.72 1.07 0.00	37.27 1.02 0.00	35.11 1.02 0.00	33.33 0.94 0.00	33.81 0.79 0.00	36.50 0.79 0.00	41.08 1.20 0.00	45.94 1.55 0.00	44.01 1.73 0.00	42.21 1.62 0.00	41.42 1.93 0.00	41.27 1.93 0.00	41.15 2.01 0.24	41.11 2.08 0.97	40.83 2.19 2.73	37.79 2.10 3.92	47.96 2.59 0.00	57.30 3.04 0.00	63.37 2.84 0.00	65.69 2.71 0.00	65.46 2.15 0.00	56.11 1.84 0.00	48.54 1.64 0.00	41.17 1.35 0.00
COPENHAGEN_WT_PWR 323753	40.32 0.67 0.00	36.87 0.62 0.00	34.67 0.58 0.00	33.01 0.61 0.00	33.57 0.56 0.00	36.53 0.82 0.00	40.76 0.88 0.00	45.14 0.75 0.00	42.40 0.13 0.00	40.55 -0.04 0.00	39.09 -0.39 0.00	38.83 -0.51 0.00	38.55 -0.83 0.00	38.96 -1.04 0.00	40.29 -1.08 0.00	38.54 -1.07 0.00	44.24 -1.13 0.00	53.50 -0.76 0.00	60.77 0.24 0.00	64.49 1.51 0.00	65.02 1.71 0.00	55.89 1.63 0.00	48.07 1.17 0.00	40.93 1.11 0.00
CORNELL_____ 23752	40.13 0.48 0.00	36.69 0.44 0.00	34.54 0.44 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.14 0.43 0.00	40.37 0.48 0.00	44.79 0.40 0.00	42.36 0.08 0.00	40.55 -0.04 0.00	39.27 -0.20 0.02	38.97 -0.28 0.10	39.02 -0.28 0.08	39.67 -0.24 0.09	41.01 -0.21 0.15	39.31 -0.20 0.09	44.95 -0.14 0.29	53.88 0.16 0.55	60.34 0.48 0.67	63.23 0.94 0.70	63.31 0.82 0.83	54.47 0.76 0.56	47.01 0.47 0.35	40.05 0.36 0.12

CORONA_69_KV_TB1 355595	42.23 2.58 0.00	38.58 2.32 0.00	36.31 2.22 0.00	34.37 1.98 0.00	34.76 1.75 0.00	37.21 1.50 0.00	42.36 2.47 0.00	47.45 3.06 0.00	45.87 3.59 0.00	44.04 3.45 0.00	43.65 4.15 -0.02	47.15 4.17 -3.64	48.27 4.25 -4.64	49.00 4.40 -4.60	50.15 4.59 -4.19	86.90 4.40 -42.90	74.97 5.26 -24.33	88.74 6.29 -28.18	80.04 6.11 -13.40	93.23 5.92 -24.33	67.90 4.56 -0.03	58.04 3.74 -0.03	50.32 3.42 0.00	42.84 3.03 0.00
CORTLAND_115KV_TB3 80093	39.81 0.16 0.00	36.44 0.18 0.00	34.30 0.20 0.00	32.59 0.19 0.00	33.18 0.17 0.00	35.89 0.18 0.00	40.09 0.20 0.00	44.57 0.18 0.00	42.23 -0.04 0.00	40.51 -0.08 0.00	39.27 -0.20 0.02	39.06 -0.20 0.08	39.11 -0.20 0.07	39.76 -0.16 0.08	41.07 -0.17 0.13	39.36 -0.16 0.08	44.93 -0.18 0.26	53.76 0.00 0.50	60.16 0.24 0.61	62.91 0.57 0.63	62.94 0.38 0.75	54.08 0.33 0.51	46.72 0.14 0.32	39.82 0.12 0.11
COXSACKIE___GT 23611	41.28 1.63 0.00	37.85 1.59 0.00	35.69 1.60 0.00	33.85 1.46 0.00	34.40 1.39 0.00	37.21 1.50 0.00	41.72 1.84 0.00	46.34 1.95 0.00	43.80 1.52 0.00	41.81 1.22 0.00	40.51 1.02 0.00	40.40 1.06 0.00	40.44 1.06 0.00	41.16 1.16 0.00	42.65 1.28 0.00	41.07 1.47 0.00	47.23 1.86 0.00	57.08 2.82 0.00	63.91 3.39 0.00	66.76 3.78 0.00	66.60 3.29 0.00	57.08 2.82 0.00	49.24 2.34 0.00	41.76 1.95 0.00
CPV_VALLEY___CC1 323721	40.76 1.11 0.00	37.38 1.13 0.00	35.15 1.06 0.00	33.30 0.91 0.00	33.87 0.86 0.00	36.53 0.82 0.00	41.13 1.24 0.00	46.12 1.73 0.00	44.22 1.95 0.00	42.42 1.83 0.00	41.61 2.13 0.00	41.54 2.20 0.00	41.42 2.28 0.24	41.42 2.40 0.98	41.08 2.48 2.77	38.06 2.42 3.96	48.32 2.95 0.00	57.74 3.48 0.00	63.61 3.09 0.00	65.88 2.90 0.00	65.59 2.28 0.00	56.16 1.90 0.00	48.68 1.78 0.00	41.29 1.47 0.00
CPV_VALLEY___CC2 323722	40.76 1.11 0.00	37.38 1.13 0.00	35.15 1.06 0.00	33.30 0.91 0.00	33.87 0.86 0.00	36.53 0.82 0.00	41.13 1.24 0.00	46.12 1.73 0.00	44.22 1.95 0.00	42.42 1.83 0.00	41.61 2.13 0.00	41.54 2.20 0.00	41.42 2.28 0.24	41.42 2.40 0.98	41.08 2.48 2.77	38.06 2.42 3.96	48.32 2.95 0.00	57.74 3.48 0.00	63.61 3.09 0.00	65.88 2.90 0.00	65.59 2.28 0.00	56.16 1.90 0.00	48.68 1.78 0.00	41.29 1.47 0.00
CRESCENT___HYD 24018	40.60 0.95 0.00	37.24 0.98 0.00	35.11 1.02 0.00	33.33 0.94 0.00	33.91 0.89 0.00	36.57 0.86 0.00	41.08 1.20 0.00	45.68 1.29 0.00	43.50 1.23 0.00	41.85 1.26 0.00	40.63 1.15 0.00	40.56 1.22 0.00	40.56 1.18 0.00	41.24 1.24 0.00	42.73 1.36 0.00	41.11 1.50 0.00	46.86 1.49 0.00	56.11 1.85 0.00	62.52 1.99 0.00	65.00 2.01 0.00	65.02 1.71 0.00	55.78 1.52 0.00	48.16 1.27 0.00	40.93 1.11 0.00
CRICKET___VALLEY_CC1 323756	40.92 1.27 0.00	37.53 1.27 0.00	35.32 1.23 0.00	33.43 1.04 0.00	34.00 0.99 0.00	36.64 0.93 0.00	41.32 1.43 0.00	46.39 2.00 0.00	44.60 2.32 0.00	42.82 2.23 0.00	42.01 2.53 0.00	41.98 2.64 0.00	42.26 2.72 -0.16	43.46 2.80 -0.66	46.14 2.89 -1.87	45.14 2.85 -2.68	48.77 3.40 0.00	58.22 3.96 0.00	64.03 3.51 0.00	66.25 3.27 0.00	65.85 2.54 0.00	56.44 2.17 0.00	48.91 2.02 0.00	41.49 1.67 0.00
CRICKET___VALLEY_CC2 323757	40.92 1.27 0.00	37.53 1.27 0.00	35.32 1.23 0.00	33.43 1.04 0.00	34.00 0.99 0.00	36.64 0.93 0.00	41.32 1.43 0.00	46.39 2.00 0.00	44.60 2.32 0.00	42.82 2.23 0.00	42.01 2.53 0.00	41.98 2.64 0.00	42.26 2.72 -0.16	43.46 2.80 -0.66	46.14 2.89 -1.87	45.14 2.85 -2.68	48.77 3.40 0.00	58.22 3.96 0.00	64.03 3.51 0.00	66.25 3.27 0.00	65.85 2.54 0.00	56.44 2.17 0.00	48.91 2.02 0.00	41.49 1.67 0.00
CRICKET___VALLEY_CC3 323758	40.92 1.27 0.00	37.53 1.27 0.00	35.32 1.23 0.00	33.43 1.04 0.00	34.00 0.99 0.00	36.64 0.93 0.00	41.32 1.43 0.00	46.39 2.00 0.00	44.60 2.32 0.00	42.82 2.23 0.00	42.01 2.53 0.00	41.98 2.64 0.00	42.26 2.72 -0.16	43.46 2.80 -0.66	46.14 2.89 -1.87	45.14 2.85 -2.68	48.77 3.40 0.00	58.22 3.96 0.00	64.03 3.51 0.00	66.25 3.27 0.00	65.85 2.54 0.00	56.44 2.17 0.00	48.91 2.02 0.00	41.49 1.67 0.00
CRUCIBLE_METL_DRP 24180	39.41 -0.24 0.00	36.08 -0.18 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.17 0.00	35.50 -0.21 0.00	39.65 -0.24 0.00	44.08 -0.31 0.00	41.85 -0.42 0.00	40.23 -0.37 0.00	39.01 -0.47 0.00	38.83 -0.51 0.00	38.91 -0.47 0.00	39.52 -0.48 0.00	40.91 -0.46 0.00	39.13 -0.48 0.00	44.78 -0.59 0.00	53.72 -0.54 0.00	60.04 -0.48 0.00	62.67 -0.31 0.00	62.87 -0.44 0.00	53.88 -0.38 0.00	46.47 -0.42 0.00	39.42 -0.40 0.00
DAHOWA___HYDRO 323763	41.55 1.90 0.00	38.14 1.88 0.00	35.97 1.87 0.00	34.11 1.72 0.00	34.73 1.72 0.00	37.53 1.82 0.00	42.08 2.19 0.00	46.74 2.35 0.00	44.30 2.03 0.00	42.42 1.83 0.00	40.98 1.50 0.00	40.80 1.46 0.00	40.72 1.34 0.00	41.31 1.32 0.00	42.85 1.49 0.00	41.23 1.62 0.00	46.69 1.32 0.00	55.95 1.68 0.00	62.95 2.42 0.00	65.75 2.77 0.00	66.16 2.85 0.00	56.65 2.38 0.00	48.82 1.92 0.00	41.41 1.59 0.00
DANC___LFGE 323619	39.77 0.12 0.00	36.37 0.11 0.00	34.19 0.10 0.00	32.56 0.16 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.17 0.28 0.00	44.52 0.13 0.00	41.98 -0.29 0.00	40.19 -0.41 -0.02	38.86 -0.63 -0.08	38.67 -0.75 -0.07	38.51 -0.95 -0.08	39.03 -1.04 -0.08	40.42 -1.08 -0.13	38.61 -1.07 -0.08	44.42 -1.18 -0.23	53.67 -1.03 -0.44	60.64 -0.42 -0.54	63.99 0.44 -0.56	64.48 0.50 -0.67	55.25 0.54 -0.45	47.51 0.33 -0.28	40.27 0.36 -0.10
DANSKAMMER___1 23586	41.51 1.86 0.00	38.04 1.78 0.00	35.80 1.70 0.00	33.89 1.49 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.92 2.03 0.00	47.01 2.62 0.00	45.15 2.88 0.00	43.27 2.68 0.00	42.44 2.96 0.00	42.41 3.07 0.00	42.53 3.15 0.00	43.23 3.24 0.00	44.72 3.35 0.00	42.89 3.29 0.00	49.45 4.08 0.00	59.20 4.94 0.00	65.25 4.72 0.00	67.52 4.54 0.00	67.04 3.73 0.00	57.41 3.15 0.00	49.71 2.81 0.00	42.08 2.27 0.00
DANSKAMMER___2 23589	41.51 1.86 0.00	38.04 1.78 0.00	35.80 1.70 0.00	33.89 1.49 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.92 2.03 0.00	47.01 2.62 0.00	45.15 2.88 0.00	43.27 2.68 0.00	42.44 2.96 0.00	42.41 3.07 0.00	42.53 3.15 0.00	43.23 3.24 0.00	44.72 3.35 0.00	42.89 3.29 0.00	49.45 4.08 0.00	59.20 4.94 0.00	65.25 4.72 0.00	67.52 4.54 0.00	67.04 3.73 0.00	57.41 3.15 0.00	49.71 2.81 0.00	42.08 2.27 0.00
DANSKAMMER___3 23590	41.51 1.86 0.00	38.04 1.78 0.00	35.80 1.70 0.00	33.89 1.49 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.92 2.03 0.00	47.01 2.62 0.00	45.15 2.88 0.00	43.27 2.68 0.00	42.44 2.96 0.00	42.41 3.07 0.00	42.53 3.15 0.00	43.23 3.24 0.00	44.72 3.35 0.00	42.89 3.29 0.00	49.45 4.08 0.00	59.20 4.94 0.00	65.25 4.72 0.00	67.52 4.54 0.00	67.04 3.73 0.00	57.41 3.15 0.00	49.71 2.81 0.00	42.08 2.27 0.00

DANSKAMMER___4 23591	41.51 1.86 0.00	38.04 1.78 0.00	35.80 1.70 0.00	33.89 1.49 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.92 2.03 0.00	47.01 2.62 0.00	45.15 2.88 0.00	43.27 2.68 0.00	42.44 2.96 0.00	42.41 3.07 0.00	42.53 3.15 0.00	43.23 3.24 0.00	44.72 3.35 0.00	42.89 3.29 0.00	49.45 4.08 0.00	59.20 4.94 0.00	65.25 4.72 0.00	67.52 4.54 0.00	67.04 3.73 0.00	57.41 3.15 0.00	49.71 2.81 0.00	42.08 2.27 0.00
DANSKAMMER___DIESEL 23592	41.51 1.86 0.00	38.04 1.78 0.00	35.83 1.74 0.00	34.01 1.62 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.96 2.07 0.00	47.01 2.62 0.00	45.15 2.87 0.00	43.27 2.68 0.00	42.52 3.04 0.00	42.41 3.07 0.00	42.53 3.15 0.00	43.24 3.24 0.00	44.76 3.39 0.00	42.89 3.29 0.00	49.45 4.08 0.00	59.20 4.94 0.00	65.31 4.78 0.00	67.58 4.60 0.00	67.05 3.74 0.00	57.47 3.20 0.00	49.71 2.81 0.00	42.08 2.27 0.00
DARBY___SOLAR 323810	41.31 1.66 0.00	37.93 1.67 0.00	35.76 1.67 0.00	33.95 1.55 0.00	34.53 1.52 0.00	37.32 1.61 0.00	41.84 1.95 0.00	46.48 2.09 0.00	44.09 1.82 0.00	42.26 1.66 0.00	40.86 1.38 0.00	40.68 1.34 0.00	40.60 1.22 0.00	41.24 1.24 0.00	42.73 1.36 0.00	41.11 1.50 0.00	46.64 1.27 0.00	55.95 1.68 0.00	62.82 2.30 0.00	65.56 2.58 0.00	65.91 2.60 0.00	56.44 2.17 0.00	48.68 1.78 0.00	41.29 1.47 0.00
DASHVILLE___HYD 23610	41.51 1.86 0.00	38.04 1.78 0.00	35.86 1.77 0.00	34.01 1.62 0.00	34.43 1.42 0.00	37.11 1.39 0.00	41.92 2.03 0.00	46.96 2.57 0.00	45.02 2.75 0.00	43.15 2.56 0.00	42.44 2.96 0.00	42.33 2.99 0.00	42.45 3.07 0.00	43.20 3.20 0.00	44.68 3.31 0.00	42.85 3.25 0.00	49.50 4.13 0.00	59.26 4.99 0.00	65.31 4.78 0.00	67.52 4.53 0.00	66.92 3.61 0.00	57.41 3.15 0.00	49.76 2.86 0.00	42.12 2.31 0.00
DELAWARE___LFGE 323621	40.36 0.71 0.00	36.98 0.73 0.00	34.81 0.72 0.00	33.07 0.68 0.00	33.61 0.59 0.00	36.32 0.61 0.00	40.73 0.84 0.00	45.41 1.02 0.00	43.21 0.93 0.00	41.44 0.85 0.00	40.39 0.91 0.00	40.25 0.90 0.00	40.29 0.91 0.00	40.92 0.92 0.00	42.36 0.99 0.00	40.52 0.91 0.00	46.50 1.13 0.00	55.73 1.47 0.00	62.16 1.63 0.00	64.68 1.70 0.00	64.77 1.46 0.00	55.51 1.25 0.00	47.93 1.03 0.00	40.69 0.88 0.00
DERFIELD_115KV_TB7 355931	39.69 0.04 0.00	36.33 0.07 0.00	34.16 0.07 0.00	32.46 0.06 0.00	33.05 0.03 0.00	35.75 0.04 0.00	39.97 0.08 0.00	44.48 0.09 0.00	42.36 0.08 0.00	40.67 0.08 0.00	39.56 0.08 0.00	39.46 0.12 0.00	39.50 0.12 0.00	40.12 0.12 0.00	41.49 0.12 0.00	39.72 0.12 0.00	45.51 0.14 0.00	54.48 0.22 0.00	60.71 0.18 0.00	63.17 0.19 0.00	63.37 0.06 0.00	54.32 0.05 0.00	46.99 0.09 0.00	39.89 0.08 0.00
DOGLEVILLE___HYD 23807	40.09 0.44 0.00	36.73 0.47 0.00	34.57 0.48 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.18 0.46 0.00	40.45 0.56 0.00	44.97 0.58 0.00	42.78 0.51 0.00	41.08 0.49 0.00	39.92 0.43 0.00	39.77 0.43 0.00	39.73 0.35 0.00	40.32 0.32 0.00	41.70 0.33 0.00	39.84 0.24 0.00	45.55 0.18 0.00	54.37 0.11 0.00	60.77 0.24 0.00	63.36 0.38 0.00	63.63 0.32 0.00	54.59 0.33 0.00	47.37 0.47 0.00	40.25 0.44 0.00
DUNKIRK___115KV_TB_200 55889	36.24 -3.41 0.00	33.36 -2.90 0.00	31.43 -2.66 0.00	29.96 -2.43 0.00	30.41 -2.61 0.00	32.89 -2.82 0.00	35.98 -3.91 0.00	40.26 -4.13 0.00	37.95 -4.31 0.01	36.61 -3.98 0.00	35.55 -3.87 0.07	35.25 -3.74 0.36	35.56 -3.50 0.31	36.33 -3.32 0.34	36.91 -3.89 0.56	35.71 -3.56 0.33	40.09 -4.26 1.01	47.59 -4.72 1.96	53.12 -5.02 2.38	55.52 -4.98 2.48	54.80 -5.57 2.94	47.28 -4.99 1.99	41.14 -4.50 1.26	35.84 -3.54 0.43
DUNKIRK___1 23563	36.24 -3.41 0.00	33.36 -2.90 0.00	31.43 -2.66 0.00	29.96 -2.43 0.00	30.41 -2.61 0.00	32.89 -2.82 0.00	35.98 -3.91 0.00	40.26 -4.13 0.00	37.95 -4.31 0.01	36.61 -3.98 0.00	35.55 -3.87 0.07	35.25 -3.74 0.36	35.56 -3.50 0.31	36.33 -3.32 0.34	36.91 -3.89 0.56	35.71 -3.56 0.33	40.09 -4.26 1.01	47.59 -4.72 1.96	53.12 -5.02 2.38	55.52 -4.98 2.48	54.80 -5.57 2.94	47.28 -4.99 1.99	41.14 -4.50 1.26	35.84 -3.54 0.43
DUNKIRK___2 23564	36.24 -3.41 0.00	33.36 -2.90 0.00	31.43 -2.66 0.00	29.96 -2.43 0.00	30.41 -2.61 0.00	32.89 -2.82 0.00	35.98 -3.91 0.00	40.26 -4.13 0.00	37.95 -4.31 0.01	36.61 -3.98 0.00	35.55 -3.87 0.07	35.25 -3.74 0.36	35.56 -3.50 0.31	36.33 -3.32 0.34	36.91 -3.89 0.56	35.71 -3.56 0.33	40.09 -4.26 1.01	47.59 -4.72 1.96	53.12 -5.02 2.38	55.52 -4.98 2.48	54.80 -5.57 2.94	47.28 -4.99 1.99	41.14 -4.50 1.26	35.84 -3.54 0.43
DUNKIRK___3 23565	36.08 -3.57 0.00	33.25 -3.01 0.00	31.33 -2.76 0.00	29.84 -2.56 0.00	30.27 -2.74 0.00	32.75 -2.96 0.00	35.82 -4.07 0.00	40.04 -4.35 0.00	37.78 -4.48 0.01	36.45 -4.14 0.00	35.35 -4.07 0.07	35.09 -3.89 0.36	35.36 -3.70 0.31	36.13 -3.52 0.34	36.75 -4.05 0.57	35.55 -3.72 0.33	39.90 -4.45 1.02	47.31 -4.99 1.97	52.81 -5.33 2.39	55.20 -5.29 2.49	54.53 -5.82 2.96	47.06 -5.21 2.00	40.94 -4.69 1.26	35.64 -3.74 0.44
DUNKIRK___4 23566	36.08 -3.57 0.00	33.25 -3.01 0.00	31.33 -2.76 0.00	29.84 -2.56 0.00	30.27 -2.74 0.00	32.75 -2.96 0.00	35.82 -4.07 0.00	40.04 -4.35 0.00	37.78 -4.48 0.01	36.45 -4.14 0.00	35.35 -4.07 0.07	35.09 -3.89 0.36	35.36 -3.70 0.31	36.13 -3.52 0.34	36.75 -4.05 0.57	35.55 -3.72 0.33	39.90 -4.45 1.02	47.31 -4.99 1.97	52.81 -5.33 2.39	55.20 -5.29 2.49	54.53 -5.82 2.96	47.06 -5.21 2.00	40.94 -4.69 1.26	35.64 -3.74 0.44
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.59 1.94 0.00	38.14 1.89 0.00	35.93 1.84 0.00	34.08 1.68 0.00	34.53 1.52 0.00	37.18 1.46 0.00	42.08 2.19 0.00	47.23 2.84 0.00	45.45 3.17 0.00	43.59 3.00 0.00	42.96 3.47 0.00	42.84 3.50 0.00	43.33 3.58 -0.37	45.16 3.68 -1.48	49.42 3.85 -4.20	49.27 3.64 -6.02	49.86 4.49 0.00	59.42 5.16 0.00	65.37 4.84 0.00	67.52 4.53 0.00	66.98 3.67 0.00	57.41 3.15 0.00	49.76 2.86 0.00	42.12 2.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.28 1.63 0.00	37.82 1.56 0.00	35.63 1.53 0.00	33.79 1.39 0.00	34.24 1.22 0.00	36.93 1.21 0.00	41.72 1.83 0.00	46.74 2.35 0.00	44.85 2.58 0.00	43.03 2.44 0.00	42.28 2.80 0.00	42.17 2.83 0.00	42.19 2.91 0.10	42.59 3.00 0.40	43.37 3.14 1.14	41.02 3.05 1.63	49.18 3.81 0.00	58.77 4.50 0.00	64.82 4.30 0.00	67.07 4.09 0.00	66.60 3.29 0.00	57.09 2.82 0.00	49.38 2.49 0.00	41.81 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.71 2.06 0.00	38.25 1.99 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.47 1.45 0.00	37.00 1.29 0.00	41.96 2.07 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.64 3.04 0.00	43.15 3.67 0.00	43.04 3.70 0.00	43.66 3.78 -0.49	45.37 3.88 -1.50	49.58 4.01 -4.20	49.46 3.84 -6.01	49.98 4.58 -0.03	59.58 5.32 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.25 2.98 0.00	49.71 2.81 0.00	42.16 2.35 0.00

E179THST_13_KV_LOAD 356214	41.91 2.26 0.00	38.43 2.18 0.00	36.17 2.08 0.00	34.31 1.91 0.00	34.60 1.58 0.00	37.18 1.46 0.00	42.16 2.27 0.00	47.41 3.02 0.00	45.74 3.47 0.00	43.88 3.29 0.00	43.35 3.87 0.00	43.24 3.89 0.00	43.89 4.02 -0.49	45.57 4.08 -1.50	49.82 4.26 -4.20	49.69 4.08 -6.01	50.30 4.90 -0.03	59.91 5.64 0.00	65.73 5.21 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.99 3.10 0.00	42.40 2.59 0.00
EAST HAMPTON___GT 23717	43.85 4.20 0.00	40.14 3.88 0.00	37.40 3.31 0.00	35.41 3.01 0.00	35.95 2.94 0.00	38.14 2.43 0.00	42.96 3.07 0.00	48.69 4.30 0.00	47.43 5.16 0.00	45.50 4.91 0.00	45.38 5.88 -0.02	48.92 5.94 -3.64	50.08 6.06 -4.64	50.88 6.28 -4.60	52.05 6.49 -4.19	54.24 6.14 -8.49	54.88 7.85 -1.66	65.46 9.28 -1.92	70.51 9.08 -0.91	73.20 8.56 -1.66	70.01 6.71 0.00	59.85 5.59 0.01	52.01 5.11 0.00	44.87 5.06 0.00
EAST RIVER___6 23660	41.79 2.14 0.00	38.32 2.07 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.63 1.62 0.00	37.28 1.57 0.00	42.16 2.27 0.00	47.45 3.06 0.00	45.78 3.51 0.00	43.92 3.33 0.00	43.27 3.79 0.00	43.24 3.90 0.00	43.85 3.98 -0.49	45.58 4.08 -1.50	49.79 4.22 -4.20	49.66 4.04 -6.01	56.61 4.99 -6.24	60.07 5.81 0.00	65.79 5.26 0.00	67.96 4.97 0.00	67.62 4.31 0.00	57.79 3.53 0.00	50.09 3.19 0.00	42.40 2.59 0.00
EAST RIVER___7 23524	41.79 2.14 0.00	38.32 2.07 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.63 1.62 0.00	37.28 1.57 0.00	42.16 2.27 0.00	47.45 3.06 0.00	45.78 3.51 0.00	43.92 3.33 0.00	43.27 3.79 0.00	43.24 3.90 0.00	43.85 3.98 -0.49	45.58 4.08 -1.50	49.79 4.22 -4.20	49.66 4.04 -6.01	56.61 4.99 -6.24	60.07 5.81 0.00	65.79 5.26 0.00	67.96 4.97 0.00	67.62 4.31 0.00	57.79 3.53 0.00	50.09 3.19 0.00	42.40 2.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.51 1.86 0.00	38.07 1.81 0.00	35.83 1.74 0.00	34.01 1.62 0.00	34.47 1.45 0.00	37.11 1.39 0.00	41.96 2.07 0.00	47.10 2.71 0.00	45.32 3.04 0.00	43.47 2.88 0.00	42.84 3.36 0.00	42.68 3.34 0.00	43.24 3.47 -0.39	45.14 3.56 -1.58	49.53 3.68 -4.48	49.51 3.49 -6.42	49.68 4.31 0.00	59.26 4.99 0.00	65.19 4.66 0.00	67.39 4.41 0.00	66.86 3.55 0.00	57.30 3.04 0.00	49.66 2.77 0.00	42.04 2.23 0.00
EAST_HAMPTON___DIESEL 23722	43.85 4.20 0.00	40.14 3.88 0.00	37.43 3.34 0.00	35.41 3.01 0.00	35.95 2.94 0.00	38.14 2.43 0.00	42.96 3.07 0.00	48.74 4.35 0.00	47.43 5.16 0.00	45.54 4.95 0.00	45.38 5.88 -0.02	48.92 5.94 -3.64	50.08 6.06 -4.64	50.88 6.28 -4.60	52.05 6.49 -4.19	54.24 6.14 -8.49	54.88 7.85 -1.66	65.46 9.28 -1.92	70.51 9.08 -0.91	73.27 8.63 -1.66	70.01 6.71 0.00	59.85 5.59 0.01	52.01 5.11 0.00	44.87 5.06 0.00
EAST_POINT___SOLAR 323840	41.51 1.86 0.00	38.11 1.85 0.00	35.83 1.74 0.00	34.05 1.65 0.00	34.70 1.68 0.00	37.60 1.89 0.00	42.04 2.15 0.00	46.48 2.09 0.00	43.29 1.01 0.00	40.75 0.16 0.00	39.13 -0.36 0.00	39.02 -0.32 0.00	39.26 -0.12 0.00	39.84 -0.16 0.00	41.12 -0.25 0.00	39.29 -0.32 0.00	45.10 -0.27 0.00	54.54 0.27 0.00	62.88 2.36 0.00	66.95 3.97 0.00	67.24 3.93 0.00	57.46 3.20 0.00	49.57 2.67 0.00	41.88 2.07 0.00
EAST_PULASKI___ESR 323781	39.29 -0.36 0.00	35.97 -0.29 0.00	33.82 -0.27 0.00	32.17 -0.23 0.00	32.75 -0.27 0.00	35.46 -0.25 0.00	39.65 -0.24 0.00	43.95 -0.44 0.00	41.60 -0.68 0.00	39.90 -0.69 0.00	38.69 -0.83 -0.04	38.69 -0.87 -0.21	38.62 -0.95 -0.19	39.20 -1.00 -0.20	40.67 -1.03 -0.33	38.81 -0.99 -0.20	44.85 -1.13 -0.61	54.24 -1.19 -1.17	61.05 -0.91 -1.43	64.03 -0.44 -1.49	64.56 -0.51 -1.76	55.01 -0.44 -1.19	47.23 -0.42 -0.75	39.72 -0.36 -0.26
EAST_RIVER___1 323558	41.71 2.06 0.00	38.25 1.99 0.00	36.00 1.91 0.00	33.98 1.59 0.00	34.60 1.58 0.00	37.25 1.53 0.00	42.12 2.23 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.16 3.81 0.00	43.77 3.90 -0.49	45.53 4.04 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.47 4.86 -6.24	59.91 5.64 0.00	65.67 5.14 0.00	67.77 4.78 0.00	67.30 3.99 0.00	57.63 3.37 0.00	49.99 3.09 0.00	42.32 2.51 0.00
EAST_RIVER___2 323559	41.79 2.14 0.00	38.32 2.07 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.63 1.62 0.00	37.28 1.57 0.00	42.16 2.27 0.00	47.45 3.06 0.00	45.78 3.51 0.00	43.92 3.33 0.00	43.27 3.79 0.00	43.24 3.90 0.00	43.85 3.98 -0.49	45.58 4.08 -1.50	49.79 4.22 -4.20	49.66 4.04 -6.01	56.61 4.99 -6.24	60.07 5.81 0.00	65.79 5.26 0.00	67.96 4.97 0.00	67.62 4.31 0.00	57.79 3.53 0.00	50.09 3.19 0.00	42.40 2.59 0.00
EAST___DELAWARE_HYD 23607	41.16 1.51 0.00	37.67 1.41 0.00	35.46 1.37 0.00	33.56 1.16 0.00	34.10 1.09 0.00	36.82 1.11 0.00	41.48 1.60 0.00	46.56 2.17 0.00	44.60 2.32 0.00	42.70 2.11 0.00	41.85 2.37 0.00	41.78 2.44 0.00	41.79 2.52 0.12	42.17 2.64 0.46	42.78 2.73 1.32	40.41 2.69 1.88	48.82 3.45 0.00	58.61 4.34 0.00	64.70 4.17 0.00	67.02 4.03 0.00	66.60 3.29 0.00	57.03 2.77 0.00	49.33 2.44 0.00	41.76 1.95 0.00
EIGHT_POINT___WT_PWR 323820	38.38 -1.27 0.00	35.24 -1.02 0.00	33.10 -0.99 0.00	31.49 -0.91 0.00	31.93 -1.09 0.00	34.43 -1.28 0.00	38.21 -1.67 0.00	42.13 -2.26 0.00	39.57 -2.75 -0.04	37.95 -2.64 0.00	36.87 -2.57 0.05	36.45 -2.64 0.26	36.56 -2.60 0.22	37.23 -2.52 0.25	38.19 -2.77 0.41	36.63 -2.73 0.24	41.65 -3.00 0.73	49.39 -3.47 1.40	55.73 -3.08 1.71	58.68 -2.52 1.78	58.35 -2.85 2.11	50.51 -2.33 1.42	43.65 -2.34 0.90	37.43 -2.07 0.31
ELBRIDGE_115KV_TB2 80188	39.13 -0.52 0.00	35.82 -0.44 0.00	33.68 -0.41 0.00	32.04 -0.36 0.00	32.62 -0.40 0.00	35.25 -0.46 0.00	39.37 -0.52 0.00	43.81 -0.58 0.00	41.60 -0.68 0.00	39.94 -0.65 0.00	38.77 -0.71 0.00	38.59 -0.75 0.00	38.67 -0.71 0.00	39.28 -0.72 0.00	40.66 -0.70 0.00	38.85 -0.75 0.00	44.46 -0.91 0.00	53.34 -0.92 0.00	59.62 -0.91 0.00	62.23 -0.76 0.00	62.42 -0.89 0.00	53.50 -0.76 0.00	46.15 -0.75 0.00	39.18 -0.64 0.00
ELEC_TRO_TEK 24086	42.03 2.38 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.24 1.85 0.00	34.60 1.58 0.00	37.03 1.32 0.00	42.20 2.31 0.00	47.28 2.89 0.00	45.70 3.42 0.00	43.88 3.29 0.00	43.49 3.99 -0.02	46.99 4.01 -3.64	48.11 4.10 -4.64	48.80 4.20 -4.60	49.94 4.38 -4.19	68.75 4.20 -24.94	62.91 5.04 -12.50	74.71 5.97 -14.47	73.16 5.75 -6.88	81.02 5.54 -12.50	67.50 4.18 -0.01	57.70 3.42 -0.01	50.04 3.14 0.00	42.68 2.87 0.00
ELLENBURG_WT_PWR 323604	39.73 0.08 0.00	36.22 -0.04 0.00	33.96 -0.14 0.00	32.33 -0.06 0.00	33.01 0.00 0.00	35.78 0.07 0.00	39.85 -0.04 0.00	44.30 -0.09 0.00	42.11 -0.17 0.00	40.39 -0.20 0.00	39.13 -0.36 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.36 -0.64 0.00	40.62 -0.74 0.00	38.81 -0.79 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.62 -0.91 0.00	62.16 -0.82 0.00	62.80 -0.51 0.00	53.83 -0.44 0.00	46.57 -0.33 0.00	39.62 -0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.72 -3.93 0.00	32.92 -3.34 0.00	31.02 -3.07 0.00	29.54 -2.85 0.00	29.98 -3.04 0.00	32.39 -3.32 0.00	35.34 -4.55 0.00	39.55 -4.84 0.00	37.32 -4.95 0.01	36.04 -4.55 0.00	35.07 -4.34 0.07	34.84 -4.13 0.37	35.16 -3.90 0.33	35.92 -3.72 0.36	36.48 -4.30 0.59	35.30 -3.96 0.35	39.50 -4.81 1.06	46.91 -5.32 2.04	52.36 -5.69 2.48	54.60 -5.79 2.59	54.04 -6.20 3.06	46.61 -5.59 2.07	40.66 -4.92 1.31	35.42 -3.94 0.45
EMPIRE_CC_1 323656	40.05 0.40 0.00	36.73 0.47 0.00	34.67 0.58 0.00	32.91 0.52 0.00	33.48 0.46 0.00	36.07 0.36 0.00	40.52 0.64 0.00	44.97 0.58 0.00	42.87 0.59 0.00	41.28 0.69 0.00	40.11 0.63 0.00	40.05 0.71 0.00	40.18 0.71 -0.09	41.11 0.76 -0.36	43.25 0.87 -1.01	42.08 1.03 -1.45	46.32 0.95 0.00	55.46 1.19 0.00	61.55 1.03 0.00	63.86 0.88 0.00	63.81 0.50 0.00	54.81 0.54 0.00	47.41 0.52 0.00	40.37 0.56 0.00
EMPIRE_CC_2 323658	40.05 0.40 0.00	36.73 0.47 0.00	34.67 0.58 0.00	32.91 0.52 0.00	33.48 0.46 0.00	36.07 0.36 0.00	40.52 0.64 0.00	44.97 0.58 0.00	42.87 0.59 0.00	41.28 0.69 0.00	40.11 0.63 0.00	40.05 0.71 0.00	40.18 0.71 -0.09	41.11 0.76 -0.36	43.25 0.87 -1.01	42.08 1.03 -1.45	46.32 0.95 0.00	55.46 1.19 0.00	61.55 1.03 0.00	63.86 0.88 0.00	63.81 0.50 0.00	54.81 0.54 0.00	47.41 0.52 0.00	40.37 0.56 0.00
ENORWICH_115KV_TB1 80156	41.35 1.70 0.00	37.85 1.60 0.00	35.59 1.50 0.00	33.85 1.46 0.00	34.37 1.35 0.00	37.28 1.57 0.00	41.56 1.68 0.00	46.17 1.78 0.00	43.38 1.10 0.00	41.40 0.81 0.00	39.98 0.51 0.01	39.70 0.43 0.07	39.59 0.28 0.06	40.21 0.28 0.07	41.54 0.29 0.11	39.77 0.24 0.07	45.55 0.41 0.22	55.03 1.19 0.43	62.18 2.18 0.53	65.58 3.15 0.55	65.64 2.98 0.65	56.49 2.66 0.44	48.68 2.06 0.28	41.47 1.75 0.10
ERIE_ST__34_KV_TB1-2 80199	35.92 -3.73 0.00	33.07 -3.19 0.00	31.16 -2.93 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.58 -4.31 0.00	39.86 -4.53 0.00	37.61 -4.65 0.01	36.33 -4.26 0.00	34.83 -4.58 0.07	34.53 -4.45 0.36	34.85 -4.21 0.32	35.61 -4.04 0.35	36.20 -4.59 0.57	35.07 -4.20 0.34	39.35 -4.99 1.03	46.69 -5.59 1.98	52.12 -5.99 2.42	54.42 -6.05 2.52	53.74 -6.58 2.98	46.28 -5.97 2.02	40.28 -5.35 1.27	35.07 -4.30 0.44
ERIE_WT_PWR 323693	35.92 -3.73 0.00	33.07 -3.19 0.00	31.13 -2.97 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.82 -4.07 0.00	39.77 -4.62 0.00	37.53 -4.73 0.01	36.25 -4.34 0.00	35.34 -4.07 0.07	34.88 -4.09 0.37	35.20 -3.86 0.32	35.97 -3.68 0.35	36.65 -4.14 0.58	35.34 -3.92 0.34	39.84 -4.49 1.04	47.05 -5.21 2.00	52.95 -5.14 2.43	55.22 -5.23 2.54	54.22 -6.08 3.01	47.13 -5.10 2.03	40.83 -4.78 1.28	35.43 -3.94 0.44
ESPRGFLD_115KV_TB1 80157	40.84 1.19 0.00	37.42 1.16 0.00	35.18 1.09 0.00	33.46 1.07 0.00	34.04 1.02 0.00	36.86 1.14 0.00	41.24 1.36 0.00	45.90 1.51 0.00	43.29 1.01 0.00	41.28 0.69 0.00	40.03 0.55 0.00	39.85 0.51 0.00	39.93 0.55 0.00	40.56 0.56 0.00	41.95 0.58 0.00	40.16 0.55 0.00	46.10 0.73 0.00	55.51 1.25 0.00	62.64 2.12 0.00	65.75 2.77 0.00	65.91 2.60 0.00	56.43 2.17 0.00	48.68 1.78 0.00	41.25 1.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.05 0.40 0.00	36.66 0.40 0.00	34.47 0.38 0.00	32.78 0.39 0.00	33.34 0.33 0.00	36.11 0.39 0.00	40.33 0.44 0.00	44.75 0.36 0.00	42.36 0.08 0.00	40.55 -0.04 0.00	39.27 -0.20 0.01	39.03 -0.24 0.08	39.07 -0.24 0.07	39.72 -0.20 0.08	41.04 -0.21 0.13	39.28 -0.24 0.09	44.92 -0.18 0.26	53.86 0.11 0.51	60.33 0.42 0.62	63.22 0.88 0.65	63.24 0.70 0.76	54.40 0.65 0.52	46.99 0.42 0.33	40.02 0.32 0.11
ETNA____115KV_TB2 80207	40.05 0.40 0.00	36.66 0.40 0.00	34.47 0.38 0.00	32.78 0.39 0.00	33.34 0.33 0.00	36.11 0.39 0.00	40.33 0.44 0.00	44.75 0.36 0.00	42.36 0.08 0.00	40.55 -0.04 0.00	39.27 -0.20 0.01	39.03 -0.24 0.08	39.07 -0.24 0.07	39.72 -0.20 0.08	41.04 -0.21 0.13	39.28 -0.24 0.09	44.92 -0.18 0.26	53.86 0.11 0.51	60.33 0.42 0.62	63.22 0.88 0.65	63.24 0.70 0.76	54.40 0.65 0.52	46.99 0.42 0.33	40.02 0.32 0.11
EUCLID__115KV_TB2 356179	38.94 -0.71 0.00	35.64 -0.62 0.00	33.51 -0.58 0.00	31.84 -0.55 0.00	32.45 -0.56 0.00	35.07 -0.64 0.00	39.17 -0.72 0.00	43.50 -0.89 0.00	41.35 -0.93 0.00	39.74 -0.85 0.00	38.53 -0.91 0.04	38.23 -0.90 0.21	38.33 -0.87 0.18	38.92 -0.88 0.20	40.17 -0.87 0.33	38.53 -0.87 0.20	43.76 -1.00 0.61	51.99 -1.09 1.18	57.99 -1.09 1.44	60.47 -1.01 1.50	60.33 -1.20 1.78	52.03 -1.03 1.20	45.15 -0.98 0.76	38.72 -0.84 0.26
E_CANADA_CAP_HY 24051	41.16 1.51 0.00	37.78 1.52 0.00	35.52 1.43 0.00	33.72 1.33 0.00	34.37 1.35 0.00	37.21 1.50 0.00	41.64 1.75 0.00	46.12 1.73 0.00	43.33 1.06 0.00	41.12 0.53 0.00	39.72 0.24 0.00	39.58 0.24 0.00	39.69 0.31 0.00	40.32 0.32 0.00	41.74 0.37 0.00	39.96 0.36 0.00	45.78 0.41 0.00	55.24 0.98 0.00	62.77 2.24 0.00	66.13 3.15 0.00	66.41 3.10 0.00	56.76 2.50 0.00	49.10 2.20 0.00	41.53 1.71 0.00
E_CANADA_MHWK_HY 24050	40.09 0.44 0.00	36.73 0.47 0.00	34.57 0.48 0.00	32.81 0.42 0.00	33.41 0.40 0.00	36.18 0.46 0.00	40.45 0.56 0.00	44.97 0.58 0.00	42.78 0.51 0.00	41.08 0.49 0.00	39.92 0.44 0.00	39.77 0.43 0.00	39.73 0.35 0.00	40.32 0.32 0.00	41.70 0.33 0.00	39.84 0.24 0.00	45.55 0.18 0.00	54.37 0.11 0.00	60.77 0.24 0.00	63.36 0.38 0.00	63.63 0.32 0.00	54.59 0.33 0.00	47.37 0.47 0.00	40.25 0.44 0.00
E_FISHKILL__LBMP 23776	41.20 1.55 0.00	37.78 1.52 0.00	35.59 1.50 0.00	33.75 1.36 0.00	34.24 1.22 0.00	36.86 1.14 0.00	41.68 1.79 0.00	46.70 2.31 0.00	44.85 2.58 0.00	43.07 2.48 0.00	42.36 2.88 0.00	42.21 2.87 0.00	42.47 2.95 -0.14	43.62 3.08 -0.54	46.10 3.19 -1.54	44.87 3.05 -2.21	49.14 3.77 0.00	58.60 4.34 0.00	64.58 4.06 0.00	66.76 3.78 0.00	66.29 2.98 0.00	56.87 2.60 0.00	49.24 2.34 0.00	41.73 1.91 0.00
FALCON__SEABRD_CC1 323796	39.93 0.28 0.00	36.40 0.15 0.00	34.13 0.03 0.00	32.49 0.10 0.00	33.18 0.17 0.00	35.96 0.25 0.00	40.09 0.20 0.00	44.52 0.13 0.00	42.36 0.08 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.27 0.00	39.06 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.23 -1.03 0.00	59.92 -0.61 0.00	62.54 -0.44 0.00	63.12 -0.19 0.00	54.10 -0.16 0.00	46.76 -0.14 0.00	39.81 0.00 0.00
FALCON__SEABRD_CC2 323797	39.93 0.28 0.00	36.40 0.15 0.00	34.13 0.03 0.00	32.49 0.10 0.00	33.18 0.17 0.00	35.96 0.25 0.00	40.09 0.20 0.00	44.52 0.13 0.00	42.36 0.08 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.27 0.00	39.06 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.23 -1.03 0.00	59.92 -0.61 0.00	62.54 -0.44 0.00	63.12 -0.19 0.00	54.10 -0.16 0.00	46.76 -0.14 0.00	39.81 0.00 0.00

FAR ROCKAWAY___4 23548	42.62 2.97 0.00	38.94 2.68 0.00	36.61 2.52 0.00	34.66 2.27 0.00	35.06 2.05 0.00	37.46 1.75 0.00	42.72 2.83 0.00	47.85 3.46 0.00	46.29 4.02 0.00	44.45 3.86 0.00	44.08 4.58 -0.02	47.62 4.64 -3.64	48.74 4.73 -4.64	49.48 4.88 -4.60	50.65 5.09 -4.19	91.61 4.87 -47.13	78.35 5.85 -27.12	92.67 7.00 -31.41	82.37 6.90 -14.94	96.90 6.80 -27.12	68.67 5.32 -0.04	58.64 4.34 -0.04	50.79 3.89 0.00	43.24 3.42 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.45 3.06 0.00	45.74 3.47 0.00	43.88 3.29 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.62 4.00 -6.01	56.53 4.90 -6.26	59.91 5.64 0.00	65.79 5.27 0.00	67.89 4.91 0.00	67.30 3.99 0.00	57.68 3.42 0.00	49.99 3.10 0.00	42.32 2.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.75 2.10 0.00	38.25 1.99 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.45 3.06 0.00	45.74 3.47 0.00	43.88 3.29 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.62 4.00 -6.01	56.53 4.90 -6.26	59.96 5.70 0.00	65.79 5.27 0.00	67.89 4.91 0.00	67.36 4.05 0.00	57.74 3.47 0.00	49.99 3.10 0.00	42.32 2.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.49 4.85 -6.26	59.91 5.64 0.00	65.73 5.21 0.00	67.83 4.85 0.00	67.30 3.99 0.00	57.68 3.42 0.00	49.99 3.10 0.00	42.28 2.47 0.00
FARRAGUT___LBMP 323566	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.16 2.27 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.85 5.59 0.00	65.67 5.14 0.00	67.83 4.85 0.00	67.24 3.93 0.00	57.63 3.36 0.00	49.94 3.05 0.00	42.24 2.43 0.00
FARRCKWY_69_KV_BK2 55825	42.62 2.97 0.00	38.94 2.68 0.00	36.61 2.52 0.00	34.66 2.27 0.00	35.06 2.05 0.00	37.46 1.75 0.00	42.72 2.83 0.00	47.85 3.46 0.00	46.29 4.02 0.00	44.45 3.86 0.00	44.08 4.58 -0.02	47.62 4.64 -3.64	48.74 4.73 -4.64	49.48 4.88 -4.60	50.65 5.09 -4.19	91.61 4.87 -47.13	78.35 5.85 -27.12	92.67 7.00 -31.41	82.37 6.90 -14.94	96.90 6.80 -27.12	68.67 5.32 -0.04	58.64 4.34 -0.04	50.79 3.89 0.00	43.24 3.42 0.00
FENNER___WINDPWR 24204	40.13 0.48 0.00	36.73 0.47 0.00	34.53 0.44 0.00	32.81 0.42 0.00	33.41 0.40 0.00	36.18 0.46 0.00	40.45 0.56 0.00	44.92 0.53 0.00	42.57 0.30 0.00	40.84 0.25 0.00	39.58 0.12 0.02	39.34 0.08 0.08	39.31 0.00 0.07	39.92 0.00 0.08	41.28 0.04 0.13	39.52 0.00 0.08	45.21 0.09 0.25	54.10 0.33 0.49	60.66 0.73 0.59	63.56 1.19 0.62	63.65 1.08 0.73	54.75 0.98 0.49	47.24 0.66 0.31	40.26 0.56 0.11
FIBERTEK___ENERGY 23856	39.41 -0.24 0.00	36.08 -0.18 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.17 0.00	35.50 -0.21 0.00	39.65 -0.24 0.00	44.08 -0.31 0.00	41.85 -0.42 0.00	40.23 -0.37 0.00	39.01 -0.47 0.00	38.83 -0.51 0.00	38.91 -0.47 0.00	39.52 -0.48 0.00	40.91 -0.46 0.00	39.13 -0.48 0.00	44.78 -0.59 0.00	53.72 -0.54 0.00	60.04 -0.48 0.00	62.67 -0.31 0.00	62.87 -0.44 0.00	53.88 -0.38 0.00	46.47 -0.42 0.00	39.42 -0.40 0.00
FITZPATRICK____ 23598	38.46 -1.19 0.00	35.17 -1.09 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.02 -0.99 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.25 -1.34 0.00	38.10 -1.38 0.00	37.93 -1.41 0.00	37.96 -1.42 0.00	38.60 -1.40 0.00	39.92 -1.45 0.00	38.18 -1.42 0.00	43.74 -1.63 0.00	52.42 -1.85 0.00	58.53 -2.00 0.00	61.03 -1.95 0.00	61.16 -2.15 0.00	52.47 -1.79 0.00	45.25 -1.64 0.00	38.42 -1.39 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.55 1.90 0.00	38.07 1.81 0.00	35.90 1.81 0.00	34.05 1.65 0.00	34.50 1.49 0.00	37.21 1.50 0.00	42.04 2.15 0.00	47.10 2.71 0.00	45.19 2.92 0.00	43.35 2.76 0.00	42.56 3.08 0.00	42.45 3.11 0.00	42.57 3.19 0.00	43.32 3.32 0.00	44.80 3.43 0.00	42.97 3.37 0.00	49.54 4.17 0.00	59.31 5.05 0.00	65.43 4.90 0.00	67.70 4.72 0.00	67.11 3.80 0.00	57.57 3.31 0.00	49.80 2.91 0.00	42.16 2.35 0.00
FORT ORANGE____ 23900	40.13 0.48 0.00	36.80 0.54 0.00	34.71 0.61 0.00	32.91 0.52 0.00	33.51 0.50 0.00	36.14 0.43 0.00	40.52 0.64 0.00	45.10 0.71 0.00	42.95 0.67 0.00	41.24 0.65 0.00	40.11 0.63 0.00	40.05 0.71 0.00	40.09 0.71 0.00	40.75 0.76 0.00	42.24 0.87 0.00	40.55 0.95 0.00	46.37 1.00 0.00	55.56 1.30 0.00	61.86 1.33 0.00	64.31 1.32 0.00	64.26 0.95 0.00	55.08 0.82 0.00	47.60 0.70 0.00	40.49 0.68 0.00
FORT_DRUM_COGEN 23780	40.48 0.83 0.00	36.98 0.73 0.00	34.74 0.65 0.00	33.11 0.71 0.00	33.67 0.66 0.00	36.68 0.96 0.00	40.88 1.00 0.00	45.32 0.93 0.00	42.53 0.25 0.00	40.63 0.04 0.00	39.17 -0.32 0.00	38.87 -0.47 0.00	38.55 -0.83 0.00	38.96 -1.04 0.00	40.25 -1.12 0.00	38.53 -1.07 0.00	44.24 -1.13 0.00	53.56 -0.71 0.00	60.89 0.36 0.00	64.68 1.70 0.00	65.34 2.03 0.00	56.11 1.84 0.00	48.26 1.36 0.00	41.09 1.27 0.00
FOX_HILLS___ESR 323835	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.10 1.39 0.00	42.00 2.11 0.00	47.36 2.97 0.00	45.58 3.30 0.00	43.76 3.17 0.00	43.27 3.79 0.00	43.24 3.90 0.00	43.97 4.10 -0.49	45.69 4.20 -1.50	49.99 4.43 -4.20	49.86 4.24 -6.02	56.75 5.04 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
FPL_FAR_ROCK_GT1 24212	42.63 2.98 0.00	38.98 2.72 0.00	36.48 2.39 0.00	34.44 2.04 0.00	35.06 2.05 0.00	37.46 1.75 0.00	42.36 2.47 0.00	47.85 3.46 0.00	46.29 4.02 0.00	44.45 3.86 0.00	44.04 4.54 -0.02	47.62 4.64 -3.64	48.74 4.72 -4.64	49.48 4.88 -4.61	50.61 5.05 -4.19	91.60 4.87 -47.13	78.35 5.86 -27.12	92.67 7.00 -31.41	82.36 6.90 -14.94	96.77 6.67 -27.12	68.67 5.32 -0.04	58.59 4.29 -0.04	50.70 3.80 0.00	43.32 3.50 0.00
FPL_FAR_ROCK_GT2 23815	42.63 2.98 0.00	38.98 2.72 0.00	36.48 2.39 0.00	34.44 2.04 0.00	35.06 2.05 0.00	37.46 1.75 0.00	42.36 2.47 0.00	47.85 3.46 0.00	46.29 4.02 0.00	44.45 3.86 0.00	44.04 4.54 -0.02	47.62 4.64 -3.64	48.74 4.72 -4.64	49.48 4.88 -4.61	50.61 5.05 -4.19	91.60 4.87 -47.13	78.35 5.86 -27.12	92.67 7.00 -31.41	82.36 6.90 -14.94	96.77 6.67 -27.12	68.67 5.32 -0.04	58.59 4.29 -0.04	50.70 3.80 0.00	43.32 3.50 0.00



FRANKLIN_FALL_HYD 24054	39.97 0.32 0.00	36.44 0.18 0.00	34.09 0.00 0.00	32.49 0.10 0.00	33.18 0.17 0.00	36.00 0.29 0.00	40.17 0.28 0.00	44.61 0.22 0.00	42.36 0.08 0.00	40.55 -0.04 0.00	39.28 -0.20 0.00	38.99 -0.35 0.00	38.91 -0.47 0.00	39.32 -0.68 0.00	40.54 -0.83 0.00	38.73 -0.87 0.00	44.42 -0.95 0.00	53.02 -1.25 0.00	59.86 -0.67 0.00	62.60 -0.38 0.00	63.18 -0.13 0.00	54.21 -0.05 0.00	46.80 -0.09 0.00	39.89 0.08 0.00
FREEPORT_EQUS_GT1 23764	42.42 2.77 0.00	38.80 2.54 0.00	36.28 2.18 0.00	34.24 1.85 0.00	34.86 1.85 0.00	37.28 1.57 0.00	42.16 2.27 0.00	47.59 3.20 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.84 4.34 -0.02	47.39 4.41 -3.64	48.51 4.49 -4.64	49.24 4.64 -4.60	50.36 4.80 -4.19	66.69 4.59 -22.49	61.83 5.58 -10.88	73.48 6.62 -12.60	72.87 6.35 -5.99	79.97 6.11 -10.88	68.07 4.75 -0.01	58.13 3.85 -0.01	50.42 3.52 0.00	43.20 3.38 0.00
FREEPORT___CT2 23818	42.42 2.77 0.00	38.80 2.54 0.00	36.28 2.18 0.00	34.24 1.85 0.00	34.86 1.85 0.00	37.28 1.57 0.00	42.16 2.27 0.00	47.59 3.20 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.84 4.34 -0.02	47.39 4.41 -3.64	48.51 4.49 -4.64	49.24 4.64 -4.60	50.36 4.80 -4.19	66.69 4.59 -22.49	61.83 5.58 -10.88	73.48 6.62 -12.60	72.87 6.35 -5.99	79.97 6.11 -10.88	68.07 4.75 -0.01	58.13 3.85 -0.01	50.42 3.52 0.00	43.20 3.38 0.00
FRESHKLS_33_KV_LOAD 356253	42.07 2.42 0.00	38.58 2.32 0.00	36.24 2.15 0.00	34.17 1.78 0.00	34.76 1.75 0.00	37.21 1.50 0.00	42.12 2.23 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.35 3.87 0.00	43.36 4.01 0.00	44.05 4.17 -0.49	45.81 4.32 -1.50	50.11 4.55 -4.20	50.02 4.40 -6.02	56.88 5.17 -6.34	60.35 6.08 -0.01	66.16 5.63 -0.01	68.27 5.29 0.00	67.81 4.50 0.00	58.07 3.80 -0.01	50.37 3.47 -0.01	42.69 2.87 -0.01
FULTON COGEN____ 23766	38.82 -0.83 0.00	35.53 -0.73 0.00	33.41 -0.68 0.00	31.78 -0.62 0.00	32.35 -0.66 0.00	35.00 -0.71 0.00	39.09 -0.80 0.00	43.41 -0.98 0.00	41.22 -1.06 0.00	39.62 -0.97 0.00	38.47 -1.07 -0.05	38.56 -1.06 -0.28	38.57 -1.06 -0.25	39.19 -1.08 -0.27	40.74 -1.08 -0.45	38.84 -1.03 -0.27	44.96 -1.22 -0.82	54.54 -1.30 -1.58	61.12 -1.33 -1.92	63.79 -1.20 -2.00	64.36 -1.33 -2.37	54.67 -1.19 -1.60	46.79 -1.13 -1.01	39.21 -0.96 -0.35
FULTON___LFGE 323630	41.31 1.66 0.00	37.93 1.67 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.50 1.49 0.00	37.36 1.64 0.00	41.76 1.88 0.00	46.17 1.78 0.00	43.29 1.01 0.00	41.04 0.45 0.00	39.60 0.12 0.00	39.46 0.12 0.00	39.58 0.20 0.00	40.24 0.24 0.00	41.66 0.29 0.00	39.92 0.32 0.00	45.87 0.50 0.00	55.35 1.08 0.00	62.88 2.36 0.00	66.38 3.40 0.00	66.73 3.42 0.00	57.03 2.77 0.00	49.24 2.34 0.00	41.65 1.83 0.00
G.F.CEMENT___DRP 24184	42.03 2.38 0.00	38.62 2.36 0.00	36.34 2.25 0.00	34.50 2.11 0.00	35.13 2.11 0.00	38.00 2.29 0.00	42.56 2.67 0.00	47.32 2.93 0.00	44.73 2.45 0.00	42.82 2.23 0.00	41.26 1.78 0.00	41.07 1.73 0.00	40.92 1.54 0.00	41.52 1.52 0.00	43.02 1.65 0.00	41.39 1.78 0.00	46.55 1.18 0.00	55.73 1.47 0.00	63.13 2.60 0.00	66.00 3.02 0.00	66.54 3.23 0.00	56.92 2.66 0.00	48.96 2.06 0.00	41.49 1.67 0.00
GARDENVILLE___LBMP 24039	35.84 -3.81 0.00	33.03 -3.23 0.00	31.13 -2.97 0.00	29.64 -2.75 0.00	30.08 -2.94 0.00	32.50 -3.21 0.00	35.46 -4.43 0.00	39.68 -4.71 0.00	37.44 -4.82 0.01	36.13 -4.47 0.00	35.07 -4.34 0.07	34.84 -4.13 0.37	35.16 -3.90 0.32	35.93 -3.72 0.35	36.49 -4.30 0.58	35.30 -3.96 0.34	39.57 -4.76 1.04	46.94 -5.32 2.00	52.46 -5.63 2.44	54.71 -5.73 2.54	54.16 -6.14 3.01	46.70 -5.53 2.03	40.69 -4.92 1.29	35.43 -3.94 0.44
GARDNVLA_35_KV_LD 355827	35.96 -3.69 0.00	33.10 -3.15 0.00	31.19 -2.90 0.00	29.71 -2.69 0.00	30.14 -2.87 0.00	32.57 -3.14 0.00	35.58 -4.31 0.00	39.82 -4.57 0.00	37.57 -4.69 0.01	36.29 -4.30 0.00	35.19 -4.22 0.07	34.96 -4.01 0.37	35.24 -3.82 0.32	36.01 -3.64 0.35	36.61 -4.18 0.58	35.42 -3.84 0.34	39.71 -4.63 1.04	47.16 -5.10 2.00	52.64 -5.45 2.43	54.96 -5.48 2.54	54.35 -5.95 3.01	46.81 -5.43 2.03	40.83 -4.78 1.28	35.51 -3.86 0.44
GELCKHM__115KV_LOAD 80723	39.09 -0.56 0.00	35.79 -0.47 0.00	33.65 -0.44 0.00	32.01 -0.39 0.00	32.58 -0.43 0.00	35.21 -0.50 0.00	39.33 -0.56 0.00	43.72 -0.67 0.00	41.51 -0.76 0.00	39.90 -0.69 0.00	38.71 -0.75 0.03	38.46 -0.75 0.14	38.51 -0.75 0.12	39.15 -0.72 0.13	40.41 -0.74 0.21	38.76 -0.71 0.13	44.10 -0.86 0.41	52.60 -0.87 0.79	58.65 -0.91 0.96	61.22 -0.76 1.01	61.23 -0.89 1.19	52.70 -0.76 0.80	45.59 -0.80 0.51	38.96 -0.68 0.18
GENERAL___MILLS 23808	35.92 -3.73 0.00	33.07 -3.19 0.00	31.16 -2.93 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.50 -4.39 0.00	39.77 -4.62 0.00	37.49 -4.78 0.01	36.21 -4.38 0.00	35.11 -4.30 0.07	34.88 -4.09 0.37	35.16 -3.90 0.32	35.93 -3.72 0.35	36.53 -4.26 0.58	35.34 -3.92 0.34	39.62 -4.72 1.04	47.05 -5.21 2.00	52.52 -5.57 2.43	54.77 -5.67 2.54	54.16 -6.14 3.01	46.70 -5.53 2.03	40.73 -4.88 1.28	35.47 -3.90 0.44
GE_PLASTICS___DRP 24183	40.05 0.40 0.00	36.73 0.47 0.00	34.60 0.51 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.03 0.32 0.00	40.45 0.56 0.00	45.01 0.62 0.00	42.91 0.63 0.00	41.24 0.65 0.00	40.19 0.71 0.00	40.09 0.75 0.00	40.13 0.75 0.00	40.80 0.80 0.00	42.28 0.91 0.00	40.52 0.91 0.00	46.37 1.00 0.00	55.46 1.19 0.00	61.68 1.15 0.00	63.99 1.01 0.00	64.01 0.70 0.00	54.92 0.65 0.00	47.46 0.56 0.00	40.33 0.52 0.00
GILBOA___1 23756	40.25 0.60 0.00	36.91 0.65 0.00	34.74 0.65 0.00	32.94 0.55 0.00	33.54 0.53 0.00	36.21 0.50 0.00	40.61 0.72 0.00	45.32 0.93 0.00	43.29 1.01 0.00	41.56 0.97 0.00	40.55 1.07 0.00	40.44 1.10 0.00	40.52 1.14 0.00	41.20 1.20 0.00	42.65 1.28 0.00	40.83 1.23 0.00	46.78 1.41 0.00	55.95 1.68 0.00	62.10 1.57 0.00	64.36 1.38 0.00	64.45 1.14 0.00	55.24 0.98 0.00	47.79 0.89 0.00	40.57 0.75 0.00
GILBOA___2 23757	40.25 0.60 0.00	36.91 0.65 0.00	34.74 0.65 0.00	32.94 0.55 0.00	33.54 0.53 0.00	36.21 0.50 0.00	40.61 0.72 0.00	45.32 0.93 0.00	43.29 1.01 0.00	41.56 0.97 0.00	40.55 1.07 0.00	40.44 1.10 0.00	40.52 1.14 0.00	41.20 1.20 0.00	42.65 1.28 0.00	40.83 1.23 0.00	46.78 1.41 0.00	55.95 1.68 0.00	62.10 1.57 0.00	64.36 1.38 0.00	64.45 1.14 0.00	55.24 0.98 0.00	47.79 0.89 0.00	40.57 0.75 0.00
GILBOA___3 23758	40.25 0.60 0.00	36.91 0.65 0.00	34.74 0.65 0.00	32.94 0.55 0.00	33.54 0.53 0.00	36.21 0.50 0.00	40.61 0.72 0.00	45.32 0.93 0.00	43.29 1.01 0.00	41.56 0.97 0.00	40.55 1.07 0.00	40.44 1.10 0.00	40.52 1.14 0.00	41.20 1.20 0.00	42.65 1.28 0.00	40.83 1.23 0.00	46.78 1.41 0.00	55.95 1.68 0.00	62.10 1.57 0.00	64.36 1.38 0.00	64.45 1.14 0.00	55.24 0.98 0.00	47.79 0.89 0.00	40.57 0.75 0.00

GILBOA___4 23759	40.25 0.60 0.00	36.91 0.65 0.00	34.74 0.65 0.00	32.94 0.55 0.00	33.54 0.53 0.00	36.21 0.50 0.00	40.61 0.72 0.00	45.32 0.93 0.00	43.29 1.01 0.00	41.56 0.97 0.00	40.55 1.07 0.00	40.44 1.10 0.00	40.52 1.14 0.00	41.20 1.20 0.00	42.65 1.28 0.00	40.83 1.23 0.00	46.78 1.41 0.00	55.95 1.68 0.00	62.10 1.57 0.00	64.36 1.38 0.00	64.45 1.14 0.00	55.24 0.98 0.00	47.79 0.89 0.00	40.57 0.75 0.00
GILBOA____ 23599	40.24 0.59 0.00	36.91 0.65 0.00	34.77 0.68 0.00	32.98 0.58 0.00	33.54 0.53 0.00	36.21 0.50 0.00	40.65 0.76 0.00	45.32 0.93 0.00	43.29 1.01 0.00	41.57 0.97 0.00	40.59 1.11 0.00	40.44 1.10 0.00	40.52 1.14 0.00	41.20 1.20 0.00	42.65 1.28 0.00	40.83 1.23 0.00	46.82 1.45 0.00	55.95 1.68 0.00	62.16 1.63 0.00	64.43 1.45 0.00	64.45 1.14 0.00	55.29 1.03 0.00	47.79 0.89 0.00	40.57 0.76 0.00
GINNA____ 23603	36.20 -3.45 0.00	33.18 -3.08 0.00	31.19 -2.90 0.00	29.67 -2.72 0.00	30.24 -2.77 0.00	32.64 -3.07 0.00	36.42 -3.47 0.00	40.35 -4.04 0.00	38.22 -4.06 0.00	36.90 -3.69 0.00	36.17 -3.24 0.08	35.58 -3.34 0.42	35.78 -3.23 0.37	36.39 -3.20 0.40	37.27 -3.43 0.67	35.90 -3.33 0.38	40.41 -3.81 1.15	47.75 -4.29 2.23	53.64 -4.18 2.71	56.00 -4.16 2.82	55.28 -4.68 3.35	48.00 -4.01 2.25	41.62 -3.84 1.43	36.06 -3.26 0.49
GLEN PARK____ 23778	40.56 0.91 0.00	37.09 0.83 0.00	34.84 0.75 0.00	33.20 0.81 0.00	33.77 0.76 0.00	36.75 1.04 0.00	41.00 1.12 0.00	45.41 1.02 0.00	42.57 0.30 0.00	40.67 0.08 0.00	39.21 -0.27 0.00	38.91 -0.43 0.00	38.59 -0.79 0.00	39.00 -1.00 0.00	40.29 -1.08 0.00	38.54 -1.07 0.00	44.28 -1.09 0.00	53.61 -0.65 0.00	61.07 0.54 0.00	65.00 2.01 0.00	65.59 2.28 0.00	56.38 2.11 0.00	48.44 1.55 0.00	41.25 1.43 0.00
GLENDALE_27_KV_LOAD 356172	41.91 2.26 0.00	38.43 2.18 0.00	36.21 2.11 0.00	34.37 1.98 0.00	34.70 1.68 0.00	37.32 1.61 0.00	42.32 2.43 0.00	47.63 3.24 0.00	45.91 3.64 0.00	44.04 3.45 0.00	43.51 4.03 0.00	43.39 4.05 0.00	44.05 4.17 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.85 4.24 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	65.97 5.45 0.00	68.08 5.10 0.00	67.49 4.18 0.00	57.79 3.53 0.00	50.18 3.28 0.00	42.48 2.67 0.00
GLENWOOD_IC_1_G5 23712	42.03 2.38 0.00	38.43 2.18 0.00	36.17 2.08 0.00	34.31 1.91 0.00	34.70 1.68 0.00	37.21 1.50 0.00	42.28 2.39 0.00	47.41 3.02 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.49 3.99 -0.02	46.99 4.01 -3.64	48.15 4.13 -4.64	48.84 4.24 -4.60	49.98 4.43 -4.19	62.21 4.24 -18.37	58.66 5.13 -8.16	69.58 5.86 -9.45	70.59 5.57 -4.49	76.24 5.10 -8.16	67.43 4.12 -0.01	57.85 3.58 -0.01	50.13 3.24 0.00	42.64 2.83 0.00
GLENWOOD_IC_2_G1 23688	41.79 2.14 0.00	38.29 2.03 0.00	35.93 1.84 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.23 2.84 0.00	45.53 3.26 0.00	43.72 3.13 0.00	43.13 3.63 -0.02	46.72 3.74 -3.64	47.83 3.82 -4.64	48.52 3.92 -4.60	49.61 4.06 -4.19	56.14 3.88 -12.65	54.48 4.72 -4.39	64.89 5.54 -5.09	68.08 5.14 -2.42	72.22 4.85 -4.39	67.24 3.93 0.00	57.52 3.26 0.00	49.85 2.96 0.00	42.40 2.59 0.00
GLENWOOD_IC_3_G1 23689	41.79 2.14 0.00	38.29 2.03 0.00	35.93 1.84 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.10 1.39 0.00	41.92 2.03 0.00	47.23 2.84 0.00	45.53 3.26 0.00	43.72 3.13 0.00	43.13 3.63 -0.02	46.72 3.74 -3.64	47.83 3.82 -4.64	48.52 3.92 -4.60	49.61 4.06 -4.19	56.14 3.88 -12.65	54.48 4.72 -4.39	64.89 5.54 -5.09	68.08 5.14 -2.42	72.22 4.85 -4.39	67.24 3.93 0.00	57.52 3.26 0.00	49.85 2.96 0.00	42.40 2.59 0.00
GLENWOOD___4 23550	42.03 2.38 0.00	38.43 2.18 0.00	36.17 2.08 0.00	34.31 1.91 0.00	34.70 1.68 0.00	37.21 1.50 0.00	42.28 2.39 0.00	47.41 3.02 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.49 3.99 -0.02	46.99 4.01 -3.64	48.15 4.13 -4.64	48.84 4.24 -4.60	49.98 4.43 -4.19	62.21 4.24 -18.37	58.66 5.13 -8.16	69.63 5.91 -9.45	70.65 5.63 -4.49	76.43 5.29 -8.16	67.50 4.18 -0.01	57.85 3.58 -0.01	50.13 3.24 0.00	42.64 2.83 0.00
GLENWOOD___5 23614	42.03 2.38 0.00	38.43 2.18 0.00	36.17 2.08 0.00	34.31 1.91 0.00	34.70 1.68 0.00	37.21 1.50 0.00	42.28 2.39 0.00	47.41 3.02 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.49 3.99 -0.02	46.99 4.01 -3.64	48.15 4.13 -4.64	48.84 4.24 -4.60	49.98 4.43 -4.19	62.21 4.24 -18.37	58.66 5.13 -8.16	69.63 5.91 -9.45	70.65 5.63 -4.49	76.43 5.29 -8.16	67.50 4.18 -0.01	57.85 3.58 -0.01	50.13 3.24 0.00	42.64 2.83 0.00
GLOBAL GREEN_PORT_GT1 23814	43.73 4.08 0.00	39.99 3.74 0.00	37.30 3.20 0.00	35.31 2.92 0.00	35.85 2.84 0.00	38.07 2.36 0.00	42.84 2.95 0.00	48.61 4.22 0.00	47.30 5.03 0.00	45.38 4.79 0.00	45.26 5.76 -0.02	48.80 5.82 -3.64	49.96 5.95 -4.64	50.76 6.16 -4.60	51.93 6.37 -4.19	54.12 6.02 -8.49	54.74 7.71 -1.66	65.30 9.11 -1.92	70.33 8.90 -0.91	73.08 8.44 -1.66	69.83 6.52 0.00	59.68 5.43 0.01	51.92 5.02 0.00	44.75 4.94 0.00
GLOBE___DSASP 323697	34.57 -5.08 0.00	31.84 -4.42 0.00	30.00 -4.09 0.00	28.54 -3.85 0.00	29.02 -3.99 0.00	31.32 -4.39 0.00	34.06 -5.82 0.00	38.26 -6.13 0.00	36.09 -6.17 0.01	34.87 -5.72 0.00	34.12 -5.29 0.07	33.99 -4.96 0.39	34.27 -4.77 0.34	35.06 -4.56 0.37	35.58 -5.17 0.62	34.41 -4.83 0.36	38.41 -5.85 1.11	45.56 -6.57 2.14	50.65 -7.26 2.61	52.77 -7.49 2.72	52.23 -7.85 3.23	45.14 -6.95 2.17	39.57 -5.96 1.37	34.52 -4.82 0.47
GOETHSLN___LBMP 323567	41.51 1.86 0.00	38.04 1.78 0.00	35.86 1.77 0.00	34.05 1.65 0.00	34.43 1.42 0.00	37.07 1.36 0.00	42.00 2.11 0.00	47.23 2.84 0.00	45.53 3.26 0.00	43.68 3.08 0.00	43.07 3.59 0.00	42.96 3.62 0.00	43.61 3.74 -0.49	45.33 3.84 -1.50	49.53 3.97 -4.20	49.42 3.80 -6.01	56.30 4.67 -6.26	59.64 5.37 0.00	65.37 4.84 0.00	67.44 4.47 0.01	66.85 3.55 0.01	57.41 3.15 0.00	49.76 2.86 0.00	42.08 2.27 0.00
GOLAH___69_KV_TB 1_2 80279	37.47 -2.18 0.00	34.37 -1.89 0.00	32.29 -1.81 0.00	30.71 -1.68 0.00	31.26 -1.75 0.00	33.78 -1.93 0.00	37.29 -2.59 0.00	41.59 -2.80 0.00	39.31 -2.96 0.00	37.95 -2.64 0.00	37.08 -2.33 0.08	36.73 -2.20 0.41	36.97 -2.05 0.36	37.68 -1.92 0.39	38.48 -2.23 0.65	37.12 -2.10 0.38	41.58 -2.63 1.16	49.36 -2.66 2.24	55.25 -2.54 2.73	57.81 -2.33 2.85	57.34 -2.60 3.37	49.50 -2.50 2.27	43.06 -2.39 1.44	37.49 -1.83 0.50
GOODYEAR_LAKE_HYD 323669	40.56 0.91 0.00	37.17 0.91 0.00	34.98 0.89 0.00	33.24 0.84 0.00	33.77 0.76 0.00	36.57 0.86 0.00	40.96 1.08 0.00	45.68 1.29 0.00	43.37 1.10 0.00	41.52 0.93 0.00	40.39 0.91 0.00	40.25 0.90 0.00	40.29 0.91 0.00	40.92 0.92 0.00	42.32 0.95 0.00	40.52 0.91 0.00	46.50 1.13 0.00	55.84 1.57 0.00	62.52 2.00 0.00	65.25 2.27 0.00	65.34 2.03 0.00	55.95 1.68 0.00	48.30 1.41 0.00	40.97 1.15 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	39.77 0.12 0.00	36.44 0.18 0.00	34.30 0.20 0.00	32.59 0.19 0.00	33.15 0.13 0.00	35.86 0.14 0.00	40.05 0.16 0.00	44.57 0.18 0.00	42.32 0.04 0.00	40.59 0.00 0.00	39.42 -0.04 0.02	39.21 -0.04 0.09	39.30 0.00 0.08	39.95 0.04 0.09	41.26 0.04 0.15	39.55 0.04 0.09	45.14 0.05 0.27	53.96 0.22 0.52	60.19 0.30 0.64	62.76 0.44 0.66	62.78 0.25 0.79	53.95 0.22 0.53	46.65 0.09 0.34	39.74 0.04 0.12
GOUDEY___7 23579	39.77 0.12 0.00	36.44 0.18 0.00	34.30 0.20 0.00	32.59 0.19 0.00	33.15 0.13 0.00	35.86 0.14 0.00	40.05 0.16 0.00	44.57 0.18 0.00	42.32 0.04 0.00	40.59 0.00 0.00	39.42 -0.04 0.02	39.21 -0.04 0.09	39.30 0.00 0.08	39.95 0.04 0.09	41.26 0.04 0.15	39.55 0.04 0.09	45.14 0.05 0.27	53.96 0.22 0.52	60.19 0.30 0.64	62.76 0.44 0.66	62.78 0.25 0.79	53.95 0.22 0.53	46.65 0.09 0.34	39.74 0.04 0.12
GOUDEY___8 23580	39.77 0.12 0.00	36.44 0.18 0.00	34.30 0.20 0.00	32.59 0.19 0.00	33.15 0.13 0.00	35.86 0.14 0.00	40.05 0.16 0.00	44.57 0.18 0.00	42.32 0.04 0.00	40.59 0.00 0.00	39.42 -0.04 0.02	39.21 -0.04 0.09	39.30 0.00 0.08	39.95 0.04 0.09	41.26 0.04 0.15	39.55 0.04 0.09	45.14 0.05 0.27	53.96 0.22 0.52	60.19 0.30 0.64	62.76 0.44 0.66	62.78 0.25 0.79	53.95 0.22 0.53	46.65 0.09 0.34	39.74 0.04 0.12
GOWANUS_GT1_1 24077	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT1_2 24078	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT1_3 24079	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT1_4 24080	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT1_5 24084	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT1_6 24111	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT1_7 24112	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT1_8 24113	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.35 3.87 0.00	43.28 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.78 5.08 -6.33	60.18 5.91 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.52 2.71 0.00
GOWANUS_GT2_1 24114	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT2_2 24115	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT2_3 24116	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT2_4 24117	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01

GOWANUS_GT2_5 24118	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT2_6 24119	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT2_7 24120	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT2_8 24121	41.91 2.26 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_1 24122	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_2 24123	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_3 24124	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_4 24125	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_5 24126	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_6 24127	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_7 24128	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT3_8 24129	41.91 2.26 0.00	38.40 2.14 0.00	36.10 2.01 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.31 3.83 0.00	43.27 3.93 0.00	43.97 4.10 -0.49	45.73 4.24 -1.50	49.99 4.43 -4.20	49.90 4.28 -6.02	56.79 5.08 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.80 3.53 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
GOWANUS_GT4_1 24130	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00
GOWANUS_GT4_2 24131	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00
GOWANUS_GT4_3 24132	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00

GOWANUS_GT4_4 24133	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00
GOWANUS_GT4_5 24134	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00
GOWANUS_GT4_6 24135	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00
GOWANUS_GT4_7 24136	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00
GOWANUS_GT4_8 24137	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.23 3.33 0.00	42.56 2.75 0.00
GREENBSH_115KV_TB3 55895	39.93 0.28 0.00	36.62 0.36 0.00	34.54 0.44 0.00	32.75 0.36 0.00	33.34 0.33 0.00	35.96 0.25 0.00	40.37 0.48 0.00	44.92 0.53 0.00	42.83 0.55 0.00	41.16 0.57 0.00	40.07 0.59 0.00	40.01 0.67 0.00	40.05 0.67 0.00	40.72 0.72 0.00	42.20 0.83 0.00	40.48 0.87 0.00	46.28 0.91 0.00	55.29 1.03 0.00	61.55 1.03 0.00	63.86 0.88 0.00	63.82 0.51 0.00	54.75 0.49 0.00	47.32 0.42 0.00	40.25 0.44 0.00
GREENDGE_115KV_TB5 80291	39.02 -0.63 0.00	35.71 -0.54 0.00	33.58 -0.51 0.00	31.94 -0.45 0.00	32.52 -0.50 0.00	35.18 -0.54 0.00	39.17 -0.72 0.00	42.61 -1.78 0.00	40.18 -2.11 -0.02	38.52 -2.07 0.00	37.35 -2.09 0.04	37.00 -2.12 0.21	37.15 -2.05 0.19	37.79 -2.00 0.20	38.92 -2.11 0.34	37.35 -2.06 0.20	42.45 -2.31 0.61	50.70 -2.39 1.17	56.80 -2.30 1.43	59.60 -1.89 1.49	59.46 -2.09 1.76	51.88 -1.19 1.19	45.20 -0.94 0.75	38.76 -0.80 0.26
GREENIDGE___3 23582	39.02 -0.63 0.00	35.71 -0.54 0.00	33.58 -0.51 0.00	31.94 -0.45 0.00	32.52 -0.50 0.00	35.18 -0.54 0.00	39.17 -0.72 0.00	42.61 -1.78 0.00	40.18 -2.11 -0.02	38.52 -2.07 0.00	37.35 -2.09 0.04	37.00 -2.12 0.21	37.15 -2.05 0.19	37.79 -2.00 0.20	38.92 -2.11 0.34	37.35 -2.06 0.20	42.45 -2.31 0.61	50.70 -2.39 1.17	56.80 -2.30 1.43	59.60 -1.89 1.49	59.46 -2.09 1.76	51.88 -1.19 1.19	45.20 -0.94 0.75	38.76 -0.80 0.26
GREENIDGE___4 23583	39.01 -0.64 0.00	35.72 -0.54 0.00	33.58 -0.51 0.00	31.94 -0.45 0.00	32.52 -0.49 0.00	35.18 -0.53 0.00	39.25 -0.64 0.00	42.61 -1.78 0.00	40.18 -2.11 -0.02	38.52 -2.07 0.00	37.43 -2.01 0.04	37.00 -2.13 0.21	37.14 -2.05 0.19	37.79 -2.00 0.20	38.96 -2.07 0.34	37.34 -2.06 0.20	42.49 -2.27 0.61	50.70 -2.39 1.17	56.98 -2.12 1.43	59.73 -1.76 1.49	59.46 -2.09 1.76	51.99 -1.08 1.19	45.25 -0.89 0.75	38.72 -0.84 0.26
GREENLWN_69_KV_BK 3 55738	42.23 2.58 0.00	38.54 2.28 0.00	36.27 2.18 0.00	34.34 1.94 0.00	34.66 1.65 0.00	37.07 1.36 0.00	42.32 2.43 0.00	47.32 2.93 0.00	45.87 3.59 0.00	44.04 3.45 0.00	43.76 4.26 -0.02	47.27 4.29 -3.64	48.39 4.37 -4.64	49.04 4.44 -4.60	50.15 4.59 -4.19	52.77 4.20 -8.97	52.51 5.17 -1.97	62.62 6.08 -2.28	67.36 5.75 -1.08	70.43 5.48 -1.97	67.17 3.86 0.00	57.46 3.20 0.00	50.13 3.24 0.00	42.96 3.15 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.21 5.23 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.27 3.38 0.00	42.56 2.75 0.00
GRISSOM___SOLAR 323813	41.24 1.59 0.00	37.85 1.59 0.00	35.59 1.50 0.00	33.79 1.39 0.00	34.43 1.42 0.00	37.25 1.53 0.00	41.64 1.75 0.00	46.03 1.64 0.00	43.20 0.93 0.00	40.96 0.36 0.00	39.52 0.04 0.00	39.38 0.04 0.00	39.50 0.12 0.00	40.20 0.20 0.00	41.58 0.21 0.00	39.88 0.28 0.00	45.82 0.45 0.00	55.29 1.03 0.00	62.70 2.18 0.00	66.13 3.15 0.00	66.47 3.16 0.00	56.87 2.60 0.00	49.10 2.20 0.00	41.53 1.71 0.00
GROVEVILLE___HYD 323602	41.55 1.90 0.00	38.07 1.81 0.00	35.90 1.81 0.00	34.05 1.65 0.00	34.50 1.49 0.00	37.21 1.50 0.00	42.04 2.15 0.00	47.10 2.71 0.00	45.19 2.92 0.00	43.35 2.76 0.00	42.56 3.08 0.00	42.45 3.11 0.00	42.57 3.19 0.00	43.32 3.32 0.00	44.80 3.43 0.00	42.97 3.37 0.00	49.54 4.17 0.00	59.31 5.05 0.00	65.43 4.90 0.00	67.70 4.72 0.00	67.11 3.80 0.00	57.57 3.31 0.00	49.80 2.91 0.00	42.16 2.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.41 -0.24 0.00	36.08 -0.18 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.17 0.00	35.50 -0.21 0.00	39.65 -0.24 0.00	44.08 -0.31 0.00	41.85 -0.42 0.00	40.23 -0.37 0.00	39.01 -0.47 0.00	38.83 -0.51 0.00	38.91 -0.47 0.00	39.52 -0.48 0.00	40.91 -0.46 0.00	39.13 -0.48 0.00	44.78 -0.59 0.00	53.72 -0.54 0.00	60.04 -0.48 0.00	62.67 -0.31 0.00	62.87 -0.44 0.00	53.88 -0.38 0.00	46.47 -0.42 0.00	39.42 -0.40 0.00
HAMLTNNY_34_KV_TB 80303	39.37 -0.28 0.00	36.04 -0.22 0.00	33.89 -0.20 0.00	32.23 -0.16 0.00	32.82 -0.20 0.00	35.46 -0.25 0.00	39.61 -0.28 0.00	44.03 -0.36 0.00	41.77 -0.51 0.00	40.14 -0.45 0.00	38.97 -0.51 0.00	38.83 -0.51 0.00	38.87 -0.51 0.00	39.52 -0.48 0.00	40.87 -0.50 0.00	39.05 -0.55 0.00	44.69 -0.68 0.00	53.67 -0.60 0.00	60.04 -0.48 0.00	62.67 -0.31 0.00	62.87 -0.44 0.00	53.88 -0.38 0.00	46.43 -0.47 0.00	39.42 -0.40 0.00

HAMPSHIRE___PAPER_HYD 323593	39.81 0.16 0.00	36.33 0.07 0.00	34.06 -0.03 0.00	32.46 0.06 0.00	33.08 0.07 0.00	35.93 0.22 0.00	40.05 0.16 0.00	44.39 0.00 0.00	41.94 -0.34 0.00	40.11 -0.49 0.00	38.77 -0.71 0.00	38.51 -0.83 0.00	38.20 -1.18 0.00	38.52 -1.48 0.00	39.75 -1.61 0.00	37.98 -1.63 0.00	43.60 -1.77 0.00	52.36 -1.90 0.00	59.25 -1.27 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.32 0.05 0.00	46.94 0.05 0.00	40.09 0.28 0.00
HARDSCRABBLE_WT_PWR 323673	39.97 0.32 0.00	36.62 0.36 0.00	34.47 0.38 0.00	32.75 0.36 0.00	33.34 0.33 0.00	36.11 0.39 0.00	40.37 0.48 0.00	44.88 0.49 0.00	42.70 0.42 0.00	41.00 0.41 0.00	39.84 0.35 0.00	39.69 0.35 0.00	39.66 0.28 0.00	40.24 0.24 0.00	41.58 0.21 0.00	39.76 0.16 0.00	45.46 0.09 0.00	54.26 0.00 0.00	60.65 0.12 0.00	63.23 0.25 0.00	63.50 0.19 0.00	54.48 0.22 0.00	47.23 0.33 0.00	40.17 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.32 1.67 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.30 1.29 0.00	37.00 1.29 0.00	41.76 1.87 0.00	46.83 2.44 0.00	44.98 2.71 0.00	43.11 2.52 0.00	42.36 2.88 0.00	42.25 2.91 0.00	44.02 3.03 -1.61	49.58 3.12 -6.46	62.94 3.27 -18.31	69.00 3.17 -26.23	49.36 3.99 0.00	59.04 4.78 0.00	65.00 4.48 0.00	67.26 4.28 0.00	66.79 3.48 0.00	57.25 2.98 0.00	49.52 2.63 0.00	41.92 2.11 0.00
HARSNRAD_115KV_TB1 81005	35.61 -4.04 0.00	32.85 -3.41 0.00	30.96 -3.14 0.00	29.45 -2.95 0.00	29.94 -3.07 0.00	32.28 -3.43 0.00	35.02 -4.87 0.00	39.24 -5.15 0.00	37.02 -5.24 0.01	35.76 -4.83 0.00	34.91 -4.50 0.07	34.74 -4.21 0.39	35.02 -4.02 0.34	35.83 -3.80 0.37	36.37 -4.38 0.61	35.16 -4.08 0.36	39.28 -4.99 1.10	46.66 -5.48 2.12	52.13 -5.81 2.58	54.43 -5.86 2.69	53.79 -6.33 3.19	46.41 -5.70 2.15	40.52 -5.02 1.36	35.36 -3.98 0.47
HARZA MOOSE___RIVER 24016	40.36 0.71 0.00	36.91 0.65 0.00	34.71 0.61 0.00	33.01 0.62 0.00	33.61 0.59 0.00	36.50 0.79 0.00	40.73 0.84 0.00	45.23 0.84 0.00	42.66 0.38 0.00	40.83 0.24 0.00	39.48 0.00 0.00	39.30 -0.04 0.00	39.03 -0.35 0.00	39.52 -0.48 0.00	40.83 -0.54 0.00	39.05 -0.55 0.00	44.83 -0.54 0.00	54.10 -0.16 0.00	61.07 0.54 0.00	64.37 1.39 0.00	64.96 1.65 0.00	55.73 1.47 0.00	48.02 1.13 0.00	40.85 1.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.09 -0.56 0.00	35.79 -0.47 0.00	33.65 -0.44 0.00	32.01 -0.39 0.00	32.58 -0.43 0.00	35.21 -0.50 0.00	39.33 -0.56 0.00	43.72 -0.67 0.00	41.56 -0.72 0.00	39.94 -0.65 0.00	38.74 -0.71 0.03	38.47 -0.71 0.16	38.53 -0.71 0.14	39.16 -0.68 0.16	40.40 -0.70 0.26	38.77 -0.67 0.16	44.06 -0.82 0.49	52.50 -0.81 0.95	58.53 -0.85 1.15	61.09 -0.69 1.20	61.00 -0.89 1.42	52.55 -0.76 0.96	45.49 -0.80 0.61	38.93 -0.68 0.21
HELLGATE_13_KV_LD 55870	41.91 2.26 0.00	38.43 2.18 0.00	36.21 2.11 0.00	34.37 1.98 0.00	34.70 1.68 0.00	37.28 1.57 0.00	42.28 2.39 0.00	47.59 3.20 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.51 4.03 0.00	43.39 4.05 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.95 4.38 -4.20	49.81 4.20 -6.01	56.74 5.04 -6.33	60.12 5.86 0.00	65.91 5.39 0.00	68.02 5.04 0.00	67.36 4.05 0.00	57.74 3.47 0.00	50.13 3.24 0.00	42.44 2.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.91 2.26 0.00	38.43 2.18 0.00	36.21 2.11 0.00	34.37 1.98 0.00	34.70 1.68 0.00	37.28 1.57 0.00	42.28 2.39 0.00	47.59 3.20 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.51 4.03 0.00	43.39 4.05 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	49.95 4.38 -4.20	49.81 4.20 -6.01	56.74 5.04 -6.33	60.12 5.86 0.00	65.91 5.39 0.00	68.02 5.04 0.00	67.36 4.05 0.00	57.74 3.47 0.00	50.13 3.24 0.00	42.44 2.63 0.00
HEMPSTEAD___ 23647	42.03 2.38 0.00	38.47 2.21 0.00	36.00 1.91 0.00	34.01 1.62 0.00	34.63 1.62 0.00	37.07 1.36 0.00	41.88 1.99 0.00	47.27 2.88 0.00	45.74 3.47 0.00	43.92 3.33 0.00	43.49 3.99 -0.02	47.03 4.05 -3.64	48.15 4.13 -4.64	48.84 4.24 -4.60	49.94 4.38 -4.19	62.73 4.24 -18.89	58.96 5.08 -8.51	70.09 5.97 -9.85	70.84 5.63 -4.68	76.84 5.35 -8.51	67.43 4.11 -0.01	57.64 3.37 -0.01	49.99 3.09 0.00	42.80 2.99 0.00
HICKLING___1 23621	39.21 -0.44 0.00	35.97 -0.29 0.00	33.82 -0.27 0.00	32.20 -0.19 0.00	32.75 -0.26 0.00	35.39 -0.32 0.00	39.33 -0.56 0.00	43.72 -0.67 0.00	41.31 -0.97 0.00	39.66 -0.93 0.00	38.38 -1.07 0.03	38.10 -1.06 0.18	38.20 -1.02 0.16	38.91 -0.92 0.17	40.05 -1.03 0.28	38.37 -1.07 0.16	43.65 -1.22 0.49	52.07 -1.25 0.95	58.22 -1.15 1.16	61.02 -0.76 1.21	60.93 -0.95 1.43	52.54 -0.76 0.96	45.44 -0.84 0.61	38.93 -0.68 0.21
HICKLING___2 23622	39.21 -0.44 0.00	35.97 -0.29 0.00	33.82 -0.27 0.00	32.20 -0.19 0.00	32.75 -0.26 0.00	35.39 -0.32 0.00	39.33 -0.56 0.00	43.72 -0.67 0.00	41.31 -0.97 0.00	39.66 -0.93 0.00	38.38 -1.07 0.03	38.10 -1.06 0.18	38.20 -1.02 0.16	38.91 -0.92 0.17	40.05 -1.03 0.28	38.37 -1.07 0.16	43.65 -1.22 0.49	52.07 -1.25 0.95	58.22 -1.15 1.16	61.02 -0.76 1.21	60.93 -0.95 1.43	52.54 -0.76 0.96	45.44 -0.84 0.61	38.93 -0.68 0.21
HIGH FALLS___HY 23754	41.63 1.98 0.00	38.11 1.85 0.00	35.90 1.81 0.00	34.08 1.68 0.00	34.47 1.45 0.00	37.21 1.50 0.00	42.08 2.19 0.00	47.19 2.80 0.00	45.28 3.00 0.00	43.35 2.76 0.00	42.60 3.12 0.00	42.49 3.15 0.00	42.65 3.27 0.00	43.40 3.40 0.00	44.88 3.52 0.00	43.05 3.45 0.00	49.77 4.40 0.00	59.74 5.48 0.00	65.85 5.33 0.00	68.15 5.16 0.00	67.49 4.18 0.00	57.85 3.58 0.00	50.04 3.14 0.00	42.28 2.47 0.00
HIGH_RIVER___SOLAR 323847	40.80 1.15 0.00	37.42 1.16 0.00	35.22 1.12 0.00	33.43 1.04 0.00	34.04 1.02 0.00	36.78 1.07 0.00	41.16 1.28 0.00	45.68 1.29 0.00	43.16 0.89 0.00	41.12 0.53 0.00	39.84 0.35 0.00	39.69 0.35 0.00	39.77 0.39 0.00	40.44 0.44 0.00	41.90 0.54 0.00	40.20 0.59 0.00	46.09 0.72 0.00	55.51 1.25 0.00	62.46 1.94 0.00	65.37 2.39 0.00	65.52 2.21 0.00	56.11 1.85 0.00	48.44 1.55 0.00	41.05 1.24 0.00
HILLBURN___GT 23639	41.31 1.66 0.00	37.89 1.63 0.00	35.66 1.57 0.00	33.72 1.33 0.00	34.30 1.29 0.00	36.96 1.25 0.00	41.72 1.84 0.00	46.87 2.48 0.00	45.07 2.79 0.00	43.19 2.60 0.00	42.48 3.00 0.00	42.41 3.07 0.00	43.79 3.19 -1.23	48.19 3.28 -4.92	58.69 3.39 -13.93	62.85 3.29 -19.96	49.45 4.08 0.00	59.04 4.78 0.00	64.89 4.36 0.00	67.07 4.09 0.00	66.66 3.35 0.00	57.08 2.82 0.00	49.47 2.58 0.00	41.92 2.11 0.00
HILLSIDE_115KV_TB1 80332	38.86 -0.79 0.00	35.64 -0.62 0.00	33.55 -0.55 0.00	31.91 -0.49 0.00	32.45 -0.56 0.00	35.07 -0.64 0.00	39.05 -0.84 0.00	43.37 -1.02 0.00	41.06 -1.23 -0.01	39.37 -1.22 0.00	38.15 -1.30 0.03	37.88 -1.30 0.16	37.98 -1.26 0.14	38.68 -1.16 0.15	39.83 -1.28 0.25	38.27 -1.19 0.15	43.55 -1.36 0.46	51.92 -1.47 0.88	58.00 -1.45 1.07	60.61 -1.26 1.12	60.53 -1.46 1.32	52.18 -1.19 0.89	45.16 -1.17 0.57	38.62 -1.00 0.20

HISHELDN_WT_PWR 323625	36.44 -3.21 0.00	33.54 -2.72 0.00	31.53 -2.56 0.00	30.06 -2.33 0.00	30.54 -2.48 0.00	32.96 -2.75 0.00	36.34 -3.55 0.00	40.22 -4.17 0.00	37.85 -4.40 0.03	36.49 -4.10 0.00	35.62 -3.79 0.07	35.19 -3.82 0.33	35.43 -3.66 0.29	36.20 -3.48 0.32	36.99 -3.85 0.53	35.57 -3.72 0.31	40.20 -4.22 0.95	47.50 -4.94 1.83	53.45 -4.84 2.23	56.00 -4.66 2.32	55.24 -5.32 2.75	47.96 -4.45 1.86	41.55 -4.17 1.18	35.94 -3.46 0.41
HOLTSVILLE_IC_1 23690	42.31 2.66 0.00	38.69 2.43 0.00	36.17 2.08 0.00	34.17 1.78 0.00	34.76 1.75 0.00	37.07 1.36 0.00	41.84 1.95 0.00	47.27 2.88 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.68 4.18 -0.02	47.23 4.25 -3.64	48.39 4.37 -4.64	49.08 4.48 -4.60	50.19 4.63 -4.19	52.37 4.32 -8.45	52.49 5.49 -1.63	62.50 6.35 -1.89	67.29 5.87 -0.89	70.03 5.42 -1.63	67.30 3.99 0.01	57.62 3.37 0.01	50.23 3.33 0.00	43.36 3.54 0.00
HOLTSVILLE_IC_10 23699	42.54 2.89 0.00	38.87 2.61 0.00	36.31 2.21 0.00	34.34 1.94 0.00	34.89 1.88 0.00	37.18 1.46 0.00	41.96 2.07 0.00	47.45 3.06 0.00	46.08 3.81 0.00	44.20 3.61 0.00	43.92 4.42 -0.02	47.46 4.48 -3.64	48.62 4.61 -4.64	49.36 4.76 -4.60	50.48 4.92 -4.19	52.84 4.59 -8.65	52.98 5.86 -1.76	63.08 6.78 -2.04	67.78 6.29 -0.96	70.60 5.86 -1.76	67.67 4.37 0.00	57.95 3.69 0.00	50.51 3.61 0.00	43.60 3.78 0.00
HOLTSVILLE_IC_2 23691	42.31 2.66 0.00	38.69 2.43 0.00	36.17 2.08 0.00	34.17 1.78 0.00	34.76 1.75 0.00	37.07 1.36 0.00	41.84 1.95 0.00	47.27 2.88 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.68 4.18 -0.02	47.23 4.25 -3.64	48.39 4.37 -4.64	49.08 4.48 -4.60	50.19 4.63 -4.19	52.37 4.32 -8.45	52.49 5.49 -1.63	62.50 6.35 -1.89	67.29 5.87 -0.89	70.03 5.42 -1.63	67.30 3.99 0.01	57.62 3.37 0.01	50.23 3.33 0.00	43.36 3.54 0.00
HOLTSVILLE_IC_3 23692	42.31 2.66 0.00	38.69 2.43 0.00	36.17 2.08 0.00	34.17 1.78 0.00	34.76 1.75 0.00	37.07 1.36 0.00	41.84 1.95 0.00	47.27 2.88 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.68 4.18 -0.02	47.23 4.25 -3.64	48.39 4.37 -4.64	49.08 4.48 -4.60	50.19 4.63 -4.19	52.37 4.32 -8.45	52.49 5.49 -1.63	62.50 6.35 -1.89	67.29 5.87 -0.89	70.03 5.42 -1.63	67.30 3.99 0.01	57.62 3.37 0.01	50.23 3.33 0.00	43.36 3.54 0.00
HOLTSVILLE_IC_4 23693	42.31 2.66 0.00	38.69 2.43 0.00	36.17 2.08 0.00	34.17 1.78 0.00	34.76 1.75 0.00	37.07 1.36 0.00	41.84 1.95 0.00	47.27 2.88 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.68 4.18 -0.02	47.23 4.25 -3.64	48.39 4.37 -4.64	49.08 4.48 -4.60	50.19 4.63 -4.19	52.37 4.32 -8.45	52.49 5.49 -1.63	62.50 6.35 -1.89	67.29 5.87 -0.89	70.03 5.42 -1.63	67.30 3.99 0.01	57.62 3.37 0.01	50.23 3.33 0.00	43.36 3.54 0.00
HOLTSVILLE_IC_5 23694	42.31 2.66 0.00	38.69 2.43 0.00	36.17 2.08 0.00	34.17 1.78 0.00	34.76 1.75 0.00	37.07 1.36 0.00	41.84 1.95 0.00	47.27 2.88 0.00	45.87 3.59 0.00	44.00 3.41 0.00	43.68 4.18 -0.02	47.23 4.25 -3.64	48.39 4.37 -4.64	49.08 4.48 -4.60	50.19 4.63 -4.19	52.37 4.32 -8.45	52.49 5.49 -1.63	62.50 6.35 -1.89	67.29 5.87 -0.89	70.03 5.42 -1.63	67.30 3.99 0.01	57.62 3.37 0.01	50.23 3.33 0.00	43.36 3.54 0.00
HOLTSVILLE_IC_6 23695	42.54 2.89 0.00	38.87 2.61 0.00	36.31 2.21 0.00	34.34 1.94 0.00	34.89 1.88 0.00	37.18 1.46 0.00	41.96 2.07 0.00	47.45 3.06 0.00	46.08 3.81 0.00	44.20 3.61 0.00	43.92 4.42 -0.02	47.46 4.48 -3.64	48.62 4.61 -4.64	49.36 4.76 -4.60	50.48 4.92 -4.19	52.84 4.59 -8.65	52.98 5.86 -1.76	63.08 6.78 -2.04	67.78 6.29 -0.96	70.60 5.86 -1.76	67.67 4.37 0.00	57.95 3.69 0.00	50.51 3.61 0.00	43.60 3.78 0.00
HOLTSVILLE_IC_7 23696	42.54 2.89 0.00	38.87 2.61 0.00	36.31 2.21 0.00	34.34 1.94 0.00	34.89 1.88 0.00	37.18 1.46 0.00	41.96 2.07 0.00	47.45 3.06 0.00	46.08 3.81 0.00	44.20 3.61 0.00	43.92 4.42 -0.02	47.46 4.48 -3.64	48.62 4.61 -4.64	49.36 4.76 -4.60	50.48 4.92 -4.19	52.84 4.59 -8.65	52.98 5.86 -1.76	63.08 6.78 -2.04	67.78 6.29 -0.96	70.60 5.86 -1.76	67.67 4.37 0.00	57.95 3.69 0.00	50.51 3.61 0.00	43.60 3.78 0.00
HOLTSVILLE_IC_8 23697	42.54 2.89 0.00	38.87 2.61 0.00	36.31 2.21 0.00	34.34 1.94 0.00	34.89 1.88 0.00	37.18 1.46 0.00	41.96 2.07 0.00	47.45 3.06 0.00	46.08 3.81 0.00	44.20 3.61 0.00	43.92 4.42 -0.02	47.46 4.48 -3.64	48.62 4.61 -4.64	49.36 4.76 -4.60	50.48 4.92 -4.19	52.84 4.59 -8.65	52.98 5.86 -1.76	63.08 6.78 -2.04	67.78 6.29 -0.96	70.60 5.86 -1.76	67.67 4.37 0.00	57.95 3.69 0.00	50.51 3.61 0.00	43.60 3.78 0.00
HOLTSVILLE_IC_9 23698	42.54 2.89 0.00	38.87 2.61 0.00	36.31 2.21 0.00	34.34 1.94 0.00	34.89 1.88 0.00	37.18 1.46 0.00	41.96 2.07 0.00	47.45 3.06 0.00	46.08 3.81 0.00	44.20 3.61 0.00	43.92 4.42 -0.02	47.46 4.48 -3.64	48.62 4.61 -4.64	49.36 4.76 -4.60	50.48 4.92 -4.19	52.84 4.59 -8.65	52.98 5.86 -1.76	63.08 6.78 -2.04	67.78 6.29 -0.96	70.60 5.86 -1.76	67.67 4.37 0.00	57.95 3.69 0.00	50.51 3.61 0.00	43.60 3.78 0.00
HOMER_HL_115KV_TB2 355744	35.80 -3.85 0.00	32.96 -3.30 0.00	31.06 -3.03 0.00	29.64 -2.75 0.00	30.01 -3.00 0.00	32.50 -3.21 0.00	35.70 -4.19 0.00	39.91 -4.48 0.00	37.66 -4.61 0.00	36.25 -4.34 0.00	34.37 -5.05 0.06	33.97 -5.04 0.33	34.25 -4.84 0.29	35.00 -4.68 0.32	35.63 -5.21 0.52	34.50 -4.79 0.31	38.89 -5.54 0.94	45.99 -6.46 1.81	51.36 -6.96 2.21	53.62 -7.05 2.30	53.05 -7.53 2.73	45.85 -6.57 1.84	39.77 -5.96 1.17	34.55 -4.86 0.40
HOWARD_WT_PWR 323690	38.38 -1.27 0.00	35.24 -1.02 0.00	33.14 -0.95 0.00	31.49 -0.91 0.00	31.93 -1.09 0.00	34.46 -1.25 0.00	38.25 -1.64 0.00	42.13 -2.26 0.00	39.60 -2.71 -0.04	37.95 -2.64 0.00	36.87 -2.57 0.05	36.46 -2.64 0.25	36.56 -2.60 0.22	37.20 -2.56 0.24	38.21 -2.77 0.39	36.64 -2.73 0.23	41.63 -3.04 0.70	49.44 -3.47 1.35	55.79 -3.08 1.65	58.74 -2.52 1.72	58.43 -2.85 2.03	50.56 -2.33 1.37	43.68 -2.34 0.87	37.44 -2.07 0.30
HQ_GEN_CEDARS 23644	39.85 0.20 0.00	36.33 0.07 0.00	34.06 -0.03 0.00	32.43 0.03 0.00	33.11 0.10 0.00	35.93 0.21 0.00	40.01 0.12 0.00	44.43 0.04 0.00	42.23 -0.04 0.00	40.47 -0.12 0.00	39.20 -0.28 0.00	38.95 -0.39 0.00	38.87 -0.51 0.00	39.32 -0.68 0.00	40.58 -0.79 0.00	38.77 -0.83 0.00	44.46 -0.91 0.00	53.02 -1.25 0.00	59.62 -0.91 0.00	62.29 -0.69 0.00	63.12 -0.19 0.00	54.10 -0.16 0.00	46.80 -0.09 0.00	39.89 0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	39.89 0.24 0.00	36.37 0.11 0.00	34.06 -0.03 0.00	32.46 0.06 0.00	33.11 0.10 0.00	35.93 0.22 0.00	40.01 0.12 0.00	44.43 0.04 0.00	42.23 -0.04 0.00	40.47 -0.12 0.00	39.21 -0.27 0.00	38.95 -0.39 0.00	38.87 -0.51 0.00	39.32 -0.68 0.00	40.58 -0.79 0.00	38.81 -0.79 0.00	44.46 -0.91 0.00	53.02 -1.25 0.00	59.62 -0.91 0.00	62.29 -0.69 0.00	63.12 -0.19 0.00	54.10 -0.16 0.00	46.80 -0.09 0.00	39.89 0.08 0.00

HQ_GEN_CHPE_PROXY 323851	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.04 2.15 0.00	47.36 2.97 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.11 3.63 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.42 3.92 -1.50	49.62 4.06 -4.20	49.50 3.88 -6.01	56.40 4.72 -6.31	59.74 5.48 0.00	65.49 4.96 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.46 3.20 0.00	49.85 2.96 0.00	42.24 2.43 0.00
HQ_GEN_IMPORT 323601	39.77 0.12 0.00	36.30 0.04 0.00	34.06 -0.03 0.00	32.39 0.00 0.00	33.08 0.07 0.00	35.86 0.14 0.00	39.89 0.00 0.00	44.39 0.00 0.00	42.23 -0.04 0.00	40.55 -0.04 0.00	39.36 -0.12 0.00	39.22 -0.12 0.00	39.22 -0.16 0.00	39.80 -0.20 0.00	41.16 -0.21 0.00	39.37 -0.24 0.00	45.10 -0.27 0.00	53.89 -0.38 0.00	60.22 -0.30 0.00	62.73 -0.25 0.00	63.37 0.06 0.00	54.32 0.05 0.00	46.99 0.09 0.00	39.89 0.08 0.00
HQ_GEN_WHEEL 23651	39.77 0.12 0.00	36.30 0.04 0.00	34.06 -0.03 0.00	32.39 0.00 0.00	33.08 0.07 0.00	35.86 0.14 0.00	39.89 0.00 0.00	44.39 0.00 0.00	42.23 -0.04 0.00	40.55 -0.04 0.00	39.36 -0.12 0.00	39.22 -0.12 0.00	39.22 -0.16 0.00	39.80 -0.20 0.00	41.16 -0.21 0.00	39.37 -0.24 0.00	45.10 -0.27 0.00	53.89 -0.38 0.00	60.22 -0.30 0.00	62.73 -0.25 0.00	63.37 0.06 0.00	54.32 0.05 0.00	46.99 0.09 0.00	39.89 0.08 0.00
HUDSON AVE_GT_3 23810	41.75 2.10 0.00	38.25 1.99 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.50 3.11 0.00	45.74 3.47 0.00	43.88 3.29 0.00	43.31 3.83 0.00	43.20 3.86 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.78 4.22 -4.20	49.62 4.00 -6.01	56.53 4.90 -6.26	59.96 5.70 0.00	65.79 5.27 0.00	67.96 4.98 0.00	67.36 4.05 0.00	57.74 3.47 0.00	49.99 3.10 0.00	42.32 2.51 0.00
HUDSON AVE_GT_4 23540	41.75 2.10 0.00	38.25 1.99 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.50 3.11 0.00	45.74 3.47 0.00	43.88 3.29 0.00	43.31 3.83 0.00	43.20 3.86 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.78 4.22 -4.20	49.62 4.00 -6.01	56.53 4.90 -6.26	59.96 5.70 0.00	65.79 5.27 0.00	67.96 4.98 0.00	67.36 4.05 0.00	57.74 3.47 0.00	49.99 3.10 0.00	42.32 2.51 0.00
HUDSON AVE_GT_5 23657	41.75 2.10 0.00	38.25 1.99 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.50 3.11 0.00	45.74 3.47 0.00	43.88 3.29 0.00	43.31 3.83 0.00	43.20 3.86 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.78 4.22 -4.20	49.62 4.00 -6.01	56.53 4.90 -6.26	59.96 5.70 0.00	65.79 5.27 0.00	67.96 4.98 0.00	67.36 4.05 0.00	57.74 3.47 0.00	49.99 3.10 0.00	42.32 2.51 0.00
HUDSON_AVE_10 24168	41.63 1.98 0.00	38.14 1.89 0.00	35.97 1.88 0.00	34.11 1.72 0.00	34.50 1.49 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.49 4.00 -1.50	49.70 4.14 -4.20	49.54 3.92 -6.01	56.44 4.81 -6.26	59.91 5.64 0.00	65.67 5.14 0.00	67.83 4.85 0.00	67.24 3.93 0.00	57.63 3.36 0.00	49.94 3.05 0.00	42.24 2.43 0.00
HUDSON___115KV_TB 4 355613	40.68 1.03 0.00	37.35 1.09 0.00	35.18 1.09 0.00	33.37 0.97 0.00	33.94 0.92 0.00	36.64 0.93 0.00	41.12 1.24 0.00	45.68 1.29 0.00	43.33 1.06 0.00	41.48 0.89 0.00	40.35 0.87 0.00	40.25 0.90 0.00	40.29 0.91 0.00	41.00 1.00 0.00	42.48 1.12 0.00	40.83 1.23 0.00	46.82 1.45 0.00	56.22 1.95 0.00	62.83 2.30 0.00	65.50 2.52 0.00	65.40 2.09 0.00	56.05 1.79 0.00	48.40 1.50 0.00	41.09 1.27 0.00
HUNTER MOUNT___DRP 323613	40.84 1.19 0.00	37.46 1.20 0.00	35.32 1.23 0.00	33.50 1.10 0.00	34.07 1.06 0.00	36.78 1.07 0.00	41.24 1.36 0.00	45.81 1.42 0.00	43.46 1.18 0.00	41.52 0.93 0.00	40.35 0.87 0.00	40.25 0.90 0.00	40.29 0.91 0.00	41.00 1.00 0.00	42.48 1.12 0.00	40.83 1.23 0.00	46.91 1.54 0.00	56.43 2.17 0.00	63.07 2.54 0.00	65.75 2.77 0.00	65.65 2.34 0.00	56.33 2.06 0.00	48.63 1.74 0.00	41.25 1.43 0.00
HUNTINGTON_RES_REC 323705	42.38 2.73 0.00	38.76 2.50 0.00	36.21 2.11 0.00	34.17 1.78 0.00	34.80 1.78 0.00	37.10 1.39 0.00	41.96 2.07 0.00	47.41 3.02 0.00	46.00 3.72 0.00	44.16 3.57 0.00	43.80 4.30 -0.02	47.38 4.41 -3.64	48.54 4.53 -4.64	49.24 4.64 -4.60	50.35 4.80 -4.19	52.70 4.43 -8.66	52.72 5.58 -1.77	62.82 6.51 -2.05	67.55 6.05 -0.97	70.35 5.60 -1.77	67.48 4.18 0.00	57.74 3.48 0.00	50.27 3.38 0.00	43.36 3.54 0.00
HUNTLEY___63 23557	35.57 -4.08 0.00	32.78 -3.48 0.00	30.89 -3.20 0.00	29.38 -3.01 0.00	29.84 -3.17 0.00	32.25 -3.46 0.00	35.10 -4.79 0.00	39.29 -5.10 0.00	37.07 -5.20 0.01	35.84 -4.75 0.00	34.99 -4.42 0.07	34.79 -4.17 0.38	35.11 -3.94 0.33	35.87 -3.76 0.37	36.46 -4.30 0.60	35.25 -4.00 0.35	39.39 -4.90 1.08	46.80 -5.37 2.09	52.23 -5.75 2.55	54.53 -5.79 2.66	53.89 -6.27 3.15	46.44 -5.70 2.12	40.58 -4.97 1.34	35.37 -3.98 0.46
HUNTLEY___64 23558	35.57 -4.08 0.00	32.78 -3.48 0.00	30.89 -3.20 0.00	29.38 -3.01 0.00	29.84 -3.17 0.00	32.25 -3.46 0.00	35.10 -4.79 0.00	39.29 -5.10 0.00	37.07 -5.20 0.01	35.84 -4.75 0.00	34.99 -4.42 0.07	34.79 -4.17 0.38	35.11 -3.94 0.33	35.87 -3.76 0.37	36.46 -4.30 0.60	35.25 -4.00 0.35	39.39 -4.90 1.08	46.80 -5.37 2.09	52.23 -5.75 2.55	54.53 -5.79 2.66	53.89 -6.27 3.15	46.44 -5.70 2.12	40.58 -4.97 1.34	35.37 -3.98 0.46
HUNTLEY___65 23559	35.57 -4.08 0.00	32.78 -3.48 0.00	30.89 -3.20 0.00	29.38 -3.01 0.00	29.84 -3.17 0.00	32.25 -3.46 0.00	35.10 -4.79 0.00	39.29 -5.10 0.00	37.07 -5.20 0.01	35.84 -4.75 0.00	34.99 -4.42 0.07	34.79 -4.17 0.38	35.11 -3.94 0.33	35.87 -3.76 0.37	36.46 -4.30 0.60	35.25 -4.00 0.35	39.39 -4.90 1.08	46.80 -5.37 2.09	52.23 -5.75 2.55	54.53 -5.79 2.66	53.89 -6.27 3.15	46.44 -5.70 2.12	40.58 -4.97 1.34	35.37 -3.98 0.46
HUNTLEY___66 23560	35.57 -4.08 0.00	32.78 -3.48 0.00	30.89 -3.20 0.00	29.38 -3.01 0.00	29.84 -3.17 0.00	32.25 -3.46 0.00	35.10 -4.79 0.00	39.29 -5.10 0.00	37.07 -5.20 0.01	35.84 -4.75 0.00	34.99 -4.42 0.07	34.79 -4.17 0.38	35.11 -3.94 0.33	35.87 -3.76 0.37	36.46 -4.30 0.60	35.25 -4.00 0.35	39.39 -4.90 1.08	46.80 -5.37 2.09	52.23 -5.75 2.55	54.53 -5.79 2.66	53.89 -6.27 3.15	46.44 -5.70 2.12	40.58 -4.97 1.34	35.37 -3.98 0.46
HUNTLEY___67 23561	35.53 -4.12 0.00	32.74 -3.52 0.00	30.82 -3.27 0.00	29.35 -3.05 0.00	29.81 -3.20 0.00	32.18 -3.54 0.00	35.06 -4.83 0.00	39.33 -5.06 0.00	37.11 -5.16 0.01	35.84 -4.75 0.00	34.91 -4.50 0.07	34.71 -4.25 0.38	34.99 -4.06 0.33	35.79 -3.84 0.36	36.38 -4.38 0.60	35.17 -4.08 0.35	39.35 -4.95 1.07	46.71 -5.48 2.07	52.07 -5.93 2.52	54.31 -6.05 2.63	53.74 -6.46 3.11	46.35 -5.81 2.10	40.50 -5.06 1.33	35.29 -4.06 0.46



HUNTLEY___68 23562	35.53 -4.12 0.00	32.74 -3.52 0.00	30.82 -3.27 0.00	29.35 -3.05 0.00	29.81 -3.20 0.00	32.18 -3.54 0.00	35.06 -4.83 0.00	39.33 -5.06 0.00	37.11 -5.16 0.01	35.84 -4.75 0.00	34.91 -4.50 0.07	34.71 -4.25 0.38	34.99 -4.06 0.33	35.79 -3.84 0.36	36.38 -4.38 0.60	35.17 -4.08 0.35	39.35 -4.95 1.07	46.71 -5.48 2.07	52.07 -5.93 2.52	54.31 -6.05 2.63	53.74 -6.46 3.11	46.35 -5.81 2.10	40.50 -5.06 1.33	35.29 -4.06 0.46
HYLAND___LFGE 323620	39.45 -0.20 0.00	36.11 -0.14 0.00	33.96 -0.14 0.00	32.33 -0.06 0.00	32.95 -0.07 0.00	35.61 -0.11 0.00	39.65 -0.24 0.00	43.46 -0.93 0.00	40.41 -1.90 -0.04	38.44 -2.15 0.00	37.37 -2.05 0.06	36.82 -2.20 0.32	36.93 -2.17 0.28	37.69 -2.00 0.31	38.75 -2.11 0.51	37.33 -1.98 0.30	42.42 -2.04 0.91	50.72 -1.79 1.75	57.90 -0.49 2.13	61.64 0.88 2.23	61.37 0.70 2.64	53.09 0.60 1.78	45.54 -0.23 1.13	39.15 -0.28 0.39
INDECK___CORINTH 23802	41.99 2.34 0.00	38.58 2.32 0.00	36.31 2.21 0.00	34.47 2.08 0.00	35.10 2.08 0.00	37.96 2.25 0.00	42.52 2.63 0.00	47.27 2.88 0.00	44.68 2.41 0.00	42.78 2.19 0.00	41.14 1.66 0.00	40.99 1.65 0.00	40.80 1.42 0.00	41.36 1.36 0.00	42.90 1.53 0.00	41.23 1.62 0.00	45.87 0.50 0.00	54.92 0.65 0.00	62.28 1.76 0.00	65.12 2.14 0.00	65.72 2.41 0.00	56.16 1.90 0.00	48.35 1.46 0.00	41.01 1.19 0.00
INDECK___ILION 23567	39.89 0.24 0.00	36.51 0.25 0.00	34.36 0.27 0.00	32.65 0.26 0.00	33.25 0.23 0.00	35.96 0.25 0.00	40.21 0.32 0.00	44.75 0.36 0.00	42.57 0.30 0.00	40.88 0.28 0.00	39.76 0.28 0.00	39.62 0.28 0.00	39.62 0.24 0.00	40.20 0.20 0.00	41.57 0.21 0.00	39.80 0.20 0.00	45.55 0.18 0.00	54.48 0.22 0.00	60.77 0.24 0.00	63.30 0.31 0.00	63.56 0.25 0.00	54.48 0.22 0.00	47.18 0.28 0.00	40.09 0.28 0.00
INDECK___OLEAN 23982	35.80 -3.85 0.00	32.96 -3.30 0.00	30.99 -3.10 0.00	29.61 -2.79 0.00	30.01 -3.00 0.00	32.50 -3.21 0.00	35.86 -4.03 0.00	39.91 -4.48 0.00	37.71 -4.57 0.00	36.25 -4.34 0.00	34.36 -5.05 0.07	33.97 -5.04 0.33	34.24 -4.85 0.29	35.00 -4.68 0.32	35.71 -5.13 0.52	34.50 -4.79 0.31	39.03 -5.40 0.94	45.99 -6.46 1.81	51.60 -6.72 2.21	53.87 -6.80 2.30	53.05 -7.54 2.73	46.07 -6.35 1.84	39.82 -5.91 1.17	34.51 -4.90 0.40
INDECK___OSWEGO 23783	38.78 -0.87 0.00	35.50 -0.76 0.00	33.37 -0.72 0.00	31.75 -0.65 0.00	32.32 -0.69 0.00	34.93 -0.79 0.00	39.05 -0.84 0.00	43.32 -1.07 0.00	41.14 -1.14 0.00	39.54 -1.06 0.00	38.43 -1.15 -0.09	38.66 -1.18 -0.50	38.64 -1.18 -0.44	39.28 -1.20 -0.48	40.96 -1.20 -0.79	38.89 -1.19 -0.48	45.46 -1.36 -1.45	55.55 -1.52 -2.80	62.42 -1.51 -3.41	65.15 -1.39 -3.56	66.00 -1.52 -4.21	55.80 -1.30 -2.84	47.53 -1.17 -1.80	39.40 -1.04 -0.62
INDECK___YERKES 23781	35.61 -4.04 0.00	32.81 -3.45 0.00	31.02 -3.07 0.00	29.45 -2.95 0.00	29.88 -3.14 0.00	32.25 -3.46 0.00	35.46 -4.43 0.00	39.33 -5.06 0.00	37.11 -5.16 0.01	35.88 -4.71 0.00	35.30 -4.11 0.08	34.83 -4.13 0.38	35.15 -3.90 0.33	35.91 -3.72 0.37	36.59 -4.18 0.60	35.25 -4.00 0.35	39.71 -4.58 1.08	46.86 -5.32 2.09	52.77 -5.21 2.55	54.97 -5.35 2.66	53.96 -6.20 3.15	46.88 -5.26 2.12	40.73 -4.83 1.34	35.33 -4.02 0.46
INDIAN POINT_GT_1 24139	41.39 1.74 0.00	37.96 1.70 0.00	35.76 1.67 0.00	33.92 1.52 0.00	34.37 1.35 0.00	37.03 1.32 0.00	41.88 1.99 0.00	46.96 2.57 0.00	45.15 2.87 0.00	43.31 2.72 0.00	42.68 3.20 0.00	42.53 3.19 0.00	43.10 3.27 -0.46	45.22 3.40 -1.83	50.06 3.52 -5.18	50.39 3.37 -7.42	49.50 4.13 0.00	59.04 4.78 0.00	65.00 4.48 0.00	67.20 4.22 0.00	66.67 3.36 0.00	57.14 2.88 0.00	49.52 2.63 0.00	41.92 2.11 0.00
INDIAN POINT_GT_2 23659	41.39 1.74 0.00	37.96 1.70 0.00	35.76 1.67 0.00	33.92 1.52 0.00	34.37 1.35 0.00	37.03 1.32 0.00	41.88 1.99 0.00	46.96 2.57 0.00	45.15 2.87 0.00	43.31 2.72 0.00	42.68 3.20 0.00	42.53 3.19 0.00	43.10 3.27 -0.46	45.22 3.40 -1.83	50.06 3.52 -5.18	50.39 3.37 -7.42	49.50 4.13 0.00	59.04 4.78 0.00	65.00 4.48 0.00	67.20 4.22 0.00	66.67 3.36 0.00	57.14 2.88 0.00	49.52 2.63 0.00	41.92 2.11 0.00
INDIAN POINT_GT_3 24019	41.39 1.74 0.00	37.96 1.70 0.00	35.76 1.67 0.00	33.92 1.52 0.00	34.37 1.35 0.00	37.03 1.32 0.00	41.88 1.99 0.00	46.96 2.57 0.00	45.15 2.87 0.00	43.31 2.72 0.00	42.68 3.20 0.00	42.53 3.19 0.00	43.10 3.27 -0.46	45.22 3.40 -1.83	50.06 3.52 -5.18	50.39 3.37 -7.42	49.50 4.13 0.00	59.04 4.78 0.00	65.00 4.48 0.00	67.20 4.22 0.00	66.67 3.36 0.00	57.14 2.88 0.00	49.52 2.63 0.00	41.92 2.11 0.00
INDIAN POINT___2 23530	41.35 1.70 0.00	37.89 1.63 0.00	35.66 1.57 0.00	33.72 1.33 0.00	34.30 1.29 0.00	36.96 1.25 0.00	41.72 1.84 0.00	46.87 2.48 0.00	45.07 2.79 0.00	43.23 2.64 0.00	42.52 3.04 0.00	42.45 3.11 0.00	43.15 3.23 -0.54	45.48 3.32 -2.16	50.92 3.43 -6.12	51.66 3.29 -8.77	49.45 4.08 0.00	58.98 4.72 0.00	64.82 4.30 0.00	66.95 3.97 0.00	66.60 3.29 0.00	57.03 2.77 0.00	49.43 2.53 0.00	41.88 2.07 0.00
INDIAN POINT___3 23531	41.35 1.70 0.00	37.89 1.63 0.00	35.69 1.60 0.00	33.88 1.49 0.00	34.33 1.32 0.00	36.96 1.25 0.00	41.80 1.91 0.00	46.88 2.49 0.00	45.07 2.79 0.00	43.23 2.64 0.00	42.60 3.12 0.00	42.45 3.11 0.00	43.07 3.23 -0.46	45.17 3.32 -1.85	50.06 3.43 -5.25	50.42 3.29 -7.53	49.45 4.08 0.00	58.98 4.72 0.00	64.88 4.36 0.00	67.07 4.09 0.00	66.60 3.29 0.00	57.09 2.82 0.00	49.48 2.58 0.00	41.88 2.07 0.00
INDIANHDD_69_KV_BK1 55831	42.50 2.85 0.00	38.76 2.50 0.00	36.51 2.42 0.00	34.56 2.17 0.00	34.86 1.85 0.00	37.18 1.46 0.00	42.48 2.59 0.00	47.50 3.11 0.00	46.08 3.80 0.00	44.24 3.65 0.00	43.96 4.46 -0.02	47.50 4.52 -3.64	48.66 4.65 -4.64	49.36 4.76 -4.60	50.56 5.01 -4.19	52.85 4.59 -8.65	52.94 5.81 -1.76	63.03 6.73 -2.04	67.97 6.48 -0.97	70.85 6.11 -1.76	67.67 4.37 0.00	57.95 3.69 0.00	50.55 3.66 0.00	43.40 3.58 0.00
INGHAM_C_115KV_TB7 356103	40.09 0.44 0.00	36.73 0.47 0.00	34.57 0.48 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.18 0.46 0.00	40.45 0.56 0.00	44.97 0.58 0.00	42.78 0.51 0.00	41.08 0.49 0.00	39.92 0.43 0.00	39.77 0.43 0.00	39.73 0.35 0.00	40.32 0.32 0.00	41.70 0.33 0.00	39.84 0.24 0.00	45.55 0.18 0.00	54.37 0.11 0.00	60.77 0.24 0.00	63.36 0.38 0.00	63.63 0.32 0.00	54.59 0.33 0.00	47.37 0.47 0.00	40.25 0.44 0.00
IP CORINTH___1 23988	41.99 2.34 0.00	38.58 2.32 0.00	36.31 2.22 0.00	34.44 2.04 0.00	35.09 2.08 0.00	37.96 2.25 0.00	42.52 2.63 0.00	47.28 2.89 0.00	44.69 2.41 0.00	42.78 2.19 0.00	41.14 1.66 0.00	40.99 1.65 0.00	40.80 1.42 0.00	41.36 1.36 0.00	42.90 1.53 0.00	41.23 1.62 0.00	46.14 0.77 0.00	55.19 0.92 0.00	62.58 2.06 0.00	65.50 2.52 0.00	66.10 2.79 0.00	56.49 2.22 0.00	48.63 1.74 0.00	41.21 1.39 0.00

IP__TICONDEROGA 23804	43.54 3.89 0.00	40.10 3.84 0.00	37.71 3.61 0.00	35.80 3.40 0.00	36.48 3.47 0.00	39.50 3.79 0.00	44.08 4.19 0.00	48.83 4.44 0.00	45.91 3.64 0.00	43.80 3.21 0.00	42.17 2.68 0.00	41.98 2.64 0.00	41.74 2.36 0.00	42.36 2.36 0.00	43.93 2.56 0.00	42.22 2.61 0.00	47.64 2.27 0.00	57.14 2.88 0.00	65.25 4.72 0.00	68.78 5.79 0.00	69.45 6.14 0.00	59.26 4.99 0.00	50.88 3.99 0.00	43.00 3.19 0.00
ISLIP_RES_REC 323679	42.74 3.09 0.00	39.05 2.79 0.00	36.48 2.39 0.00	34.47 2.08 0.00	35.06 2.05 0.00	37.32 1.61 0.00	42.12 2.23 0.00	47.67 3.28 0.00	46.29 4.02 0.00	44.41 3.81 0.00	44.16 4.66 -0.02	47.70 4.72 -3.64	48.86 4.84 -4.64	49.60 5.00 -4.60	50.77 5.21 -4.19	53.26 4.87 -8.78	53.43 6.22 -1.85	63.57 7.16 -2.14	68.32 6.78 -1.01	71.12 6.30 -1.85	68.06 4.75 0.00	58.27 4.02 0.00	50.74 3.85 0.00	43.80 3.98 0.00
JAMAICA__27_KV_LOAD 355505	41.75 2.10 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.28 1.57 0.00	42.32 2.43 0.00	47.72 3.33 0.00	46.00 3.72 0.00	44.12 3.53 0.00	43.55 4.07 0.00	43.43 4.09 0.00	44.01 4.13 -0.49	45.77 4.28 -1.50	49.99 4.43 -4.20	49.81 4.20 -6.01	56.76 5.13 -6.26	60.34 6.08 0.00	66.15 5.63 0.00	68.33 5.35 0.00	67.74 4.43 0.00	58.01 3.74 0.00	50.23 3.33 0.00	42.40 2.59 0.00
JANIS__SOLAR 323808	40.72 1.07 0.00	37.24 0.98 0.00	35.01 0.92 0.00	33.30 0.91 0.00	33.87 0.86 0.00	36.71 1.00 0.00	41.00 1.12 0.00	45.37 0.98 0.00	42.58 0.30 0.00	40.59 0.00 0.00	39.19 -0.27 0.01	38.87 -0.39 0.08	38.84 -0.47 0.07	39.45 -0.48 0.07	40.79 -0.45 0.12	39.05 -0.47 0.08	44.81 -0.32 0.24	54.07 0.27 0.47	61.10 1.15 0.57	64.40 2.01 0.59	64.51 1.90 0.70	55.53 1.74 0.47	47.81 1.22 0.30	40.71 1.00 0.10
JARVIS____ 23743	39.69 0.04 0.00	36.33 0.07 0.00	34.16 0.07 0.00	32.46 0.06 0.00	33.05 0.03 0.00	35.75 0.04 0.00	39.97 0.08 0.00	44.48 0.09 0.00	42.36 0.08 0.00	40.67 0.08 0.00	39.56 0.08 0.00	39.46 0.12 0.00	39.50 0.12 0.00	40.12 0.12 0.00	41.49 0.12 0.00	39.72 0.12 0.00	45.51 0.14 0.00	54.48 0.22 0.00	60.71 0.18 0.00	63.17 0.19 0.00	63.37 0.06 0.00	54.32 0.05 0.00	46.99 0.09 0.00	39.89 0.08 0.00
JENNISON__1 23625	40.80 1.15 0.00	37.38 1.12 0.00	35.15 1.06 0.00	33.43 1.04 0.00	33.97 0.96 0.00	36.78 1.07 0.00	40.96 1.08 0.00	45.59 1.20 0.00	43.16 0.89 0.00	41.32 0.73 0.00	40.10 0.63 0.01	39.90 0.63 0.07	39.87 0.55 0.06	40.49 0.56 0.07	41.84 0.58 0.11	40.05 0.51 0.07	45.84 0.51 0.21	55.06 1.19 0.40	61.68 1.63 0.48	64.62 2.14 0.50	64.61 1.90 0.60	55.54 1.68 0.40	47.95 1.31 0.26	40.84 1.11 0.09
JENNISON__2 23626	40.80 1.15 0.00	37.38 1.12 0.00	35.15 1.06 0.00	33.43 1.04 0.00	33.97 0.96 0.00	36.78 1.07 0.00	40.96 1.08 0.00	45.59 1.20 0.00	43.16 0.89 0.00	41.32 0.73 0.00	40.10 0.63 0.01	39.90 0.63 0.07	39.87 0.55 0.06	40.49 0.56 0.07	41.84 0.58 0.11	40.05 0.51 0.07	45.84 0.68 0.21	55.06 1.19 0.40	61.68 1.63 0.48	64.62 2.14 0.50	64.61 1.90 0.60	55.54 1.68 0.40	47.95 1.31 0.26	40.84 1.11 0.09
JERICHO_RISE_WT_PWR 323719	39.73 0.08 0.00	36.22 -0.04 0.00	33.96 -0.14 0.00	32.36 -0.03 0.00	33.01 0.00 0.00	35.78 0.07 0.00	39.85 -0.04 0.00	44.30 -0.09 0.00	42.15 -0.13 0.00	40.39 -0.20 0.00	39.16 -0.32 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.36 -0.64 0.00	40.62 -0.74 0.00	38.81 -0.79 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.62 -0.91 0.00	62.23 -0.75 0.00	62.80 -0.51 0.00	53.83 -0.44 0.00	46.57 -0.33 0.00	39.62 -0.20 0.00
KATONAH__115KV_46KV_TB4 355592	41.63 1.98 0.00	38.18 1.92 0.00	35.93 1.84 0.00	34.11 1.72 0.00	34.57 1.55 0.00	37.25 1.54 0.00	42.12 2.23 0.00	47.19 2.80 0.00	45.40 3.13 0.00	43.64 3.04 0.00	42.96 3.47 0.00	42.80 3.46 0.00	43.14 3.50 -0.26	44.68 3.64 -1.04	48.04 3.72 -2.95	47.39 3.56 -4.22	49.68 4.31 0.00	59.36 5.10 0.00	65.37 4.84 0.00	67.64 4.66 0.00	67.05 3.74 0.00	57.47 3.20 0.00	49.76 2.86 0.00	42.12 2.31 0.00
KCE_NY_1 323755	41.24 1.59 0.00	37.85 1.59 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.47 1.45 0.00	37.21 1.50 0.00	41.72 1.84 0.00	46.39 2.00 0.00	44.01 1.73 0.00	42.22 1.63 0.00	40.90 1.42 0.00	40.76 1.41 0.00	40.72 1.34 0.00	41.40 1.40 0.00	42.90 1.53 0.00	41.23 1.62 0.00	47.00 1.63 0.00	56.33 2.06 0.00	63.13 2.60 0.00	65.82 2.84 0.00	66.03 2.72 0.00	56.54 2.28 0.00	48.77 1.88 0.00	41.37 1.55 0.00
KCE_NY_6_ESR 323823	35.92 -3.73 0.00	33.07 -3.19 0.00	31.13 -2.97 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.82 -4.07 0.00	39.77 -4.62 0.00	37.53 -4.73 0.01	36.25 -4.34 0.00	35.34 -4.07 0.07	34.88 -4.09 0.37	35.20 -3.86 0.32	35.97 -3.68 0.35	36.65 -4.14 0.58	35.34 -3.92 0.34	39.84 -4.49 1.04	47.05 -5.21 2.00	52.95 -5.14 2.43	55.22 -5.23 2.54	54.22 -6.08 3.01	47.13 -5.10 2.03	40.83 -4.78 1.28	35.43 -3.94 0.44
KEDC_PORT_JEFF_GT2 24210	42.47 2.82 0.00	38.80 2.54 0.00	36.28 2.18 0.00	34.27 1.88 0.00	34.83 1.81 0.00	37.14 1.43 0.00	41.92 2.03 0.00	47.36 2.97 0.00	46.00 3.72 0.00	44.12 3.53 0.00	43.73 4.23 -0.02	47.31 4.33 -3.64	48.43 4.41 -4.64	49.16 4.56 -4.60	50.40 4.84 -4.19	52.69 4.51 -8.57	52.84 5.76 -1.71	62.80 6.56 -1.98	67.51 6.05 -0.94	70.29 5.60 -1.71	67.42 4.11 0.00	57.84 3.58 0.01	50.42 3.52 0.00	43.52 3.70 0.00
KEDC_PORT_JEFF_GT3 24211	42.47 2.82 0.00	38.80 2.54 0.00	36.28 2.18 0.00	34.27 1.88 0.00	34.83 1.81 0.00	37.14 1.43 0.00	41.92 2.03 0.00	47.36 2.97 0.00	46.00 3.72 0.00	44.12 3.53 0.00	43.73 4.23 -0.02	47.31 4.33 -3.64	48.43 4.41 -4.64	49.16 4.56 -4.60	50.40 4.84 -4.19	52.69 4.51 -8.57	52.84 5.76 -1.71	62.80 6.56 -1.98	67.51 6.05 -0.94	70.29 5.60 -1.71	67.42 4.11 0.00	57.84 3.58 0.01	50.42 3.52 0.00	43.52 3.70 0.00
KEDC_GLWD_GT4 24219	42.03 2.38 0.00	38.47 2.21 0.00	36.07 1.98 0.00	34.08 1.68 0.00	34.70 1.68 0.00	37.21 1.50 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.45 3.95 -0.02	46.99 4.01 -3.64	48.15 4.13 -4.64	48.84 4.24 -4.60	49.94 4.38 -4.19	62.21 4.24 -18.37	58.66 5.13 -8.16	69.58 5.86 -9.45	70.35 5.33 -4.49	76.18 5.04 -8.16	67.43 4.11 -0.01	57.80 3.53 -0.01	50.09 3.19 0.00	42.68 2.87 0.00
KEDC_GLWD_GT5 24220	42.03 2.38 0.00	38.47 2.21 0.00	36.07 1.98 0.00	34.08 1.68 0.00	34.70 1.68 0.00	37.21 1.50 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.45 3.95 -0.02	46.99 4.01 -3.64	48.15 4.13 -4.64	48.84 4.24 -4.60	49.94 4.38 -4.19	62.21 4.24 -18.37	58.66 5.13 -8.16	69.58 5.86 -9.45	70.35 5.33 -4.49	76.18 5.04 -8.16	67.43 4.11 -0.01	57.80 3.53 -0.01	50.09 3.19 0.00	42.68 2.87 0.00

KENSICO____ 23655	41.51 1.86 0.00	38.07 1.81 0.00	35.83 1.74 0.00	34.01 1.62 0.00	34.47 1.45 0.00	37.11 1.39 0.00	41.96 2.07 0.00	47.10 2.71 0.00	45.32 3.04 0.00	43.47 2.88 0.00	42.84 3.36 0.00	42.68 3.34 0.00	43.24 3.47 -0.39	45.14 3.56 -1.58	49.53 3.68 -4.48	49.51 3.49 -6.42	49.68 4.31 0.00	59.26 4.99 0.00	65.19 4.66 0.00	67.39 4.41 0.00	66.86 3.55 0.00	57.30 3.04 0.00	49.66 2.77 0.00	42.04 2.23 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.55 1.90 0.00	38.04 1.78 0.00	35.83 1.74 0.00	34.01 1.62 0.00	34.43 1.42 0.00	37.18 1.46 0.00	42.00 2.11 0.00	47.05 2.66 0.00	45.15 2.87 0.00	43.19 2.60 0.00	42.44 2.96 0.00	42.33 2.99 0.00	42.45 3.07 0.00	43.20 3.20 0.00	44.68 3.31 0.00	42.85 3.25 0.00	49.54 4.17 0.00	59.42 5.16 0.00	65.61 5.08 0.00	67.96 4.98 0.00	67.36 4.05 0.00	57.74 3.47 0.00	49.94 3.05 0.00	42.20 2.39 0.00
KIAC_JFK_GT1 23816	41.51 1.86 0.00	38.07 1.81 0.00	35.86 1.77 0.00	34.01 1.62 0.00	34.40 1.39 0.00	37.07 1.36 0.00	42.12 2.23 0.00	47.45 3.06 0.00	45.78 3.51 0.00	43.88 3.29 0.00	43.31 3.83 0.00	43.20 3.86 0.00	43.77 3.90 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.44 4.81 -6.26	60.02 5.75 0.00	65.55 5.02 0.00	67.70 4.72 0.00	67.11 3.80 0.00	57.68 3.42 0.00	49.94 3.05 0.00	42.20 2.39 0.00
KIAC_JFK_GT2 23817	41.51 1.86 0.00	38.07 1.81 0.00	35.86 1.77 0.00	34.01 1.62 0.00	34.40 1.39 0.00	37.07 1.36 0.00	42.12 2.23 0.00	47.45 3.06 0.00	45.78 3.51 0.00	43.88 3.29 0.00	43.31 3.83 0.00	43.20 3.86 0.00	43.77 3.90 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.44 4.81 -6.26	60.02 5.75 0.00	65.55 5.02 0.00	67.70 4.72 0.00	67.11 3.80 0.00	57.68 3.42 0.00	49.94 3.05 0.00	42.20 2.39 0.00
KIAC_JFK____ 323774	41.51 1.86 0.00	38.07 1.81 0.00	35.83 1.74 0.00	33.79 1.39 0.00	34.40 1.39 0.00	37.07 1.36 0.00	42.04 2.15 0.00	47.45 3.06 0.00	45.78 3.51 0.00	43.88 3.29 0.00	43.23 3.75 0.00	43.20 3.86 0.00	43.77 3.90 -0.49	45.53 4.04 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.44 4.81 -6.26	60.01 5.75 0.00	65.49 4.96 0.00	67.64 4.66 0.00	67.11 3.80 0.00	57.57 3.31 0.00	49.94 3.05 0.00	42.20 2.39 0.00
KINTIGH_24_KV_GSU 356498	36.04 -3.61 0.00	33.14 -3.12 0.00	31.19 -2.90 0.00	29.67 -2.72 0.00	30.17 -2.84 0.00	32.57 -3.14 0.00	35.98 -3.91 0.00	39.95 -4.44 0.00	37.79 -4.48 0.01	36.45 -4.14 0.00	36.05 -3.36 0.08	35.54 -3.38 0.42	35.78 -3.23 0.37	36.55 -3.04 0.40	37.31 -3.39 0.66	35.93 -3.29 0.39	40.41 -3.77 1.19	47.62 -4.34 2.30	53.43 -4.30 2.80	55.72 -4.34 2.92	54.78 -5.07 3.46	47.76 -4.18 2.32	41.48 -3.94 1.48	36.00 -3.30 0.51
KINTIGH____ 23543	36.04 -3.61 0.00	33.14 -3.12 0.00	31.19 -2.90 0.00	29.67 -2.72 0.00	30.17 -2.84 0.00	32.57 -3.14 0.00	35.70 -4.19 0.00	39.95 -4.44 0.00	37.79 -4.48 0.01	36.45 -4.14 0.00	35.77 -3.63 0.08	35.54 -3.38 0.42	35.78 -3.23 0.37	36.55 -3.04 0.40	37.19 -3.52 0.66	35.93 -3.29 0.39	40.18 -3.99 1.19	47.62 -4.34 2.30	53.07 -4.66 2.80	55.34 -4.72 2.92	54.79 -5.06 3.46	47.38 -4.56 2.32	41.39 -4.03 1.48	36.04 -3.26 0.51
KNTFSRNC_46_KV_46KV_LOAD 80397	40.05 0.40 0.00	36.48 0.22 0.00	34.16 0.07 0.00	32.56 0.16 0.00	33.25 0.23 0.00	36.03 0.32 0.00	40.21 0.32 0.00	44.61 0.22 0.00	42.40 0.13 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.28 0.00	39.07 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.29 -0.98 0.00	60.10 -0.42 0.00	62.79 -0.19 0.00	63.31 0.00 0.00	54.32 0.05 0.00	46.90 0.00 0.00	39.89 0.08 0.00
LACHUTE____HYDRO 323717	43.54 3.89 0.00	40.06 3.81 0.00	37.70 3.61 0.00	35.83 3.43 0.00	36.48 3.47 0.00	39.50 3.78 0.00	44.07 4.19 0.00	48.83 4.44 0.00	45.91 3.64 0.00	43.80 3.21 0.00	42.13 2.65 0.00	41.98 2.64 0.00	41.74 2.36 0.00	42.36 2.36 0.00	43.93 2.57 0.00	42.22 2.61 0.00	47.59 2.22 0.00	57.14 2.87 0.00	65.25 4.72 0.00	68.77 5.79 0.00	69.45 6.14 0.00	59.25 4.99 0.00	50.88 3.98 0.00	43.00 3.19 0.00
LAWRNCV_115KV_TB1 80681	39.69 0.04 0.00	36.15 -0.11 0.00	33.85 -0.24 0.00	32.26 -0.13 0.00	32.95 -0.07 0.00	35.75 0.04 0.00	39.85 -0.04 0.00	44.21 -0.18 0.00	41.94 -0.34 0.00	40.14 -0.45 0.00	38.85 -0.63 0.00	38.59 -0.75 0.00	38.36 -1.02 0.00	38.68 -1.32 0.00	39.84 -1.53 0.00	38.06 -1.54 0.00	43.65 -1.72 0.00	52.09 -2.17 0.00	58.71 -1.82 0.00	61.53 -1.45 0.00	62.42 -0.89 0.00	53.61 -0.65 0.00	46.43 -0.47 0.00	39.73 -0.08 0.00
LEDERLE____ 23769	41.47 1.82 0.00	38.00 1.74 0.00	35.80 1.70 0.00	33.98 1.59 0.00	34.40 1.39 0.00	37.07 1.36 0.00	41.92 2.03 0.00	47.01 2.62 0.00	45.19 2.92 0.00	43.35 2.76 0.00	42.68 3.20 0.00	42.57 3.23 0.00	43.50 3.31 -0.81	46.70 3.44 -3.26	54.16 3.56 -9.24	56.29 3.45 -13.24	49.63 4.26 0.00	59.26 4.99 0.00	65.19 4.66 0.00	67.39 4.41 0.00	66.92 3.61 0.00	57.36 3.09 0.00	49.66 2.77 0.00	42.04 2.23 0.00
LIGHTHSE_115KV_TB6 355974	39.41 -0.24 0.00	36.04 -0.22 0.00	33.89 -0.20 0.00	32.23 -0.16 0.00	32.85 -0.17 0.00	35.57 -0.14 0.00	39.73 -0.16 0.00	44.08 -0.31 0.00	41.68 -0.59 0.00	39.98 -0.61 0.00	38.71 -0.79 -0.02	38.62 -0.83 -0.10	38.52 -0.95 -0.09	39.09 -1.00 -0.10	40.49 -1.03 -0.16	38.71 -0.99 -0.09	44.48 -1.18 -0.29	53.68 -1.14 -0.55	60.35 -0.85 -0.67	63.37 -0.31 -0.70	63.83 -0.32 -0.83	54.55 -0.27 -0.56	47.02 -0.23 -0.36	39.74 -0.20 -0.12
LINDEN COGEN____ 23786	41.47 1.82 0.00	38.04 1.78 0.00	35.83 1.74 0.00	33.82 1.42 0.00	34.43 1.42 0.00	37.07 1.36 0.00	41.88 1.99 0.00	47.23 2.84 0.00	45.49 3.21 0.00	43.64 3.05 0.00	42.99 3.51 0.00	42.96 3.62 0.00	43.57 3.70 -0.49	45.30 3.80 -1.50	49.50 3.93 -4.20	49.38 3.76 -6.01	56.30 4.67 -6.26	59.64 5.37 0.00	65.25 4.72 0.00	67.32 4.34 0.01	66.85 3.54 0.01	57.36 3.09 0.00	49.71 2.81 0.00	42.08 2.27 0.00
LINDHRST_69_KV_BK1 356055	42.70 3.05 0.00	38.98 2.72 0.00	36.68 2.59 0.00	34.69 2.30 0.00	35.06 2.05 0.00	37.43 1.71 0.00	42.72 2.83 0.00	47.81 3.42 0.00	46.33 4.06 0.00	44.49 3.90 0.00	44.20 4.70 -0.02	47.70 4.72 -3.64	48.86 4.84 -4.64	49.56 4.96 -4.60	50.73 5.17 -4.19	57.08 4.83 -12.65	55.75 5.99 -4.39	66.41 7.05 -5.09	69.84 6.90 -2.42	74.05 6.68 -4.39	68.31 5.00 0.00	58.44 4.18 0.00	50.84 3.94 0.00	43.48 3.66 0.00
LIPA_MISC_IPP 23656	42.31 2.66 0.00	38.58 2.32 0.00	36.48 2.39 0.00	34.50 2.11 0.00	34.73 1.72 0.00	37.00 1.29 0.00	42.20 2.31 0.00	47.14 2.75 0.00	45.78 3.51 0.00	43.92 3.33 0.00	43.68 4.19 -0.02	47.19 4.21 -3.64	48.31 4.29 -4.64	49.04 4.44 -4.60	50.23 4.67 -4.19	52.36 4.28 -8.48	52.60 5.58 -1.65	62.58 6.40 -1.91	67.54 6.11 -0.90	70.36 5.73 -1.65	67.29 3.99 0.00	57.62 3.36 0.00	50.32 3.42 0.00	43.32 3.50 0.00

LISF__SOLAR 323691	42.38 2.73 0.00	38.76 2.50 0.00	36.21 2.11 0.00	34.27 1.88 0.00	34.80 1.78 0.00	37.07 1.36 0.00	41.76 1.88 0.00	47.23 2.84 0.00	45.83 3.55 0.00	43.96 3.37 0.00	43.68 4.18 -0.02	47.23 4.25 -3.64	48.35 4.33 -4.64	49.08 4.48 -4.60	50.23 4.67 -4.19	52.44 4.32 -8.52	52.67 5.62 -1.67	62.71 6.51 -1.94	67.49 6.05 -0.92	70.32 5.67 -1.67	67.42 4.11 0.00	57.68 3.42 0.01	50.32 3.42 0.00	43.52 3.70 0.00
LITTLE FALLS__HYD 24013	40.09 0.44 0.00	36.73 0.47 0.00	34.57 0.48 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.18 0.46 0.00	40.45 0.56 0.00	44.97 0.58 0.00	42.78 0.51 0.00	41.08 0.49 0.00	39.92 0.43 0.00	39.77 0.43 0.00	39.73 0.35 0.00	40.32 0.32 0.00	41.70 0.33 0.00	39.84 0.24 0.00	45.55 0.18 0.00	54.37 0.11 0.00	60.77 0.24 0.00	63.36 0.38 0.00	63.63 0.32 0.00	54.59 0.33 0.00	47.37 0.47 0.00	40.25 0.44 0.00
LITTLRIV_115KV_TB1 356100	40.01 0.36 0.00	36.48 0.22 0.00	34.16 0.07 0.00	32.56 0.16 0.00	33.25 0.23 0.00	36.07 0.36 0.00	40.17 0.28 0.00	44.52 0.13 0.00	42.11 -0.17 0.00	40.27 -0.32 0.00	38.93 -0.55 0.00	38.67 -0.67 0.00	38.40 -0.98 0.00	38.72 -1.28 0.00	39.88 -1.49 0.00	38.14 -1.47 0.00	43.74 -1.63 0.00	52.31 -1.95 0.00	59.13 -1.39 0.00	62.16 -0.82 0.00	63.12 -0.19 0.00	54.21 -0.05 0.00	46.90 0.00 0.00	40.13 0.32 0.00
LI_NEWBRDGE__DRP 323616	41.95 2.30 0.00	38.33 2.07 0.00	36.07 1.98 0.00	34.14 1.75 0.00	34.50 1.49 0.00	36.93 1.21 0.00	42.08 2.19 0.00	47.10 2.71 0.00	45.62 3.34 0.00	43.80 3.21 0.00	43.45 3.95 -0.02	46.95 3.97 -3.64	48.07 4.06 -4.64	48.76 4.16 -4.60	49.90 4.34 -4.19	50.30 4.12 -6.58	50.71 4.95 -0.39	60.58 5.86 -0.45	66.31 5.57 -0.21	68.73 5.35 -0.39	67.23 3.93 0.01	57.46 3.20 0.01	49.94 3.05 0.00	42.68 2.87 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.65 -4.00 0.00	32.89 -3.37 0.00	30.99 -3.10 0.00	29.51 -2.88 0.00	29.98 -3.04 0.00	32.32 -3.39 0.00	35.06 -4.83 0.00	39.29 -5.10 0.00	37.02 -5.24 0.01	35.76 -4.83 0.00	34.95 -4.46 0.07	34.74 -4.21 0.39	35.06 -3.98 0.34	35.82 -3.80 0.37	36.41 -4.34 0.62	35.16 -4.08 0.36	39.28 -4.99 1.10	46.71 -5.43 2.13	52.19 -5.75 2.59	54.49 -5.79 2.70	53.84 -6.27 3.20	46.46 -5.64 2.16	40.56 -4.97 1.37	35.36 -3.98 0.47
LOCKPORT__CC1 323769	35.61 -4.04 0.00	32.85 -3.41 0.00	30.79 -3.31 0.00	29.48 -2.92 0.00	29.94 -3.07 0.00	32.28 -3.43 0.00	35.38 -4.51 0.00	39.24 -5.15 0.00	37.02 -5.24 0.01	35.76 -4.83 0.00	35.22 -4.19 0.08	34.74 -4.21 0.39	35.02 -4.02 0.34	35.82 -3.80 0.37	36.49 -4.26 0.61	35.17 -4.08 0.36	39.55 -4.72 1.10	46.66 -5.48 2.12	52.56 -5.39 2.58	54.87 -5.42 2.69	53.85 -6.27 3.19	46.85 -5.26 2.15	40.66 -4.88 1.36	35.32 -4.02 0.47
LOCKPORT__CC2 323770	35.61 -4.04 0.00	32.85 -3.41 0.00	30.79 -3.31 0.00	29.48 -2.92 0.00	29.94 -3.07 0.00	32.28 -3.43 0.00	35.38 -4.51 0.00	39.24 -5.15 0.00	37.02 -5.24 0.01	35.76 -4.83 0.00	35.22 -4.19 0.08	34.74 -4.21 0.39	35.02 -4.02 0.34	35.82 -3.80 0.37	36.49 -4.26 0.61	35.17 -4.08 0.36	39.55 -4.72 1.10	46.66 -5.48 2.12	52.56 -5.39 2.58	54.87 -5.42 2.69	53.85 -6.27 3.19	46.85 -5.26 2.15	40.66 -4.88 1.36	35.32 -4.02 0.47
LOCKPORT__CC3 323771	35.61 -4.04 0.00	32.85 -3.41 0.00	30.79 -3.31 0.00	29.48 -2.92 0.00	29.94 -3.07 0.00	32.28 -3.43 0.00	35.38 -4.51 0.00	39.24 -5.15 0.00	37.02 -5.24 0.01	35.76 -4.83 0.00	35.22 -4.19 0.08	34.74 -4.21 0.39	35.02 -4.02 0.34	35.82 -3.80 0.37	36.49 -4.26 0.61	35.17 -4.08 0.36	39.55 -4.72 1.10	46.66 -5.48 2.12	52.56 -5.39 2.58	54.87 -5.42 2.69	53.85 -6.27 3.19	46.85 -5.26 2.15	40.66 -4.88 1.36	35.32 -4.02 0.47
LOCUSVLY_69_KV_BK2 55797	42.31 2.66 0.00	38.65 2.39 0.00	36.38 2.28 0.00	34.44 2.04 0.00	34.83 1.82 0.00	37.28 1.57 0.00	42.48 2.59 0.00	47.59 3.20 0.00	46.00 3.72 0.00	44.20 3.61 0.00	43.80 4.30 -0.02	47.35 4.37 -3.64	48.47 4.45 -4.64	49.16 4.56 -4.60	50.32 4.76 -4.19	60.15 4.51 -16.03	57.48 5.49 -6.62	68.34 6.40 -7.67	70.28 6.11 -3.64	75.46 5.86 -6.62	67.81 4.50 0.00	58.01 3.74 0.00	50.37 3.47 0.00	42.92 3.11 0.00
LONG_LAKE_PHOENIX 24014	38.82 -0.83 0.00	35.53 -0.73 0.00	33.41 -0.68 0.00	31.78 -0.62 0.00	32.35 -0.66 0.00	35.00 -0.71 0.00	39.09 -0.80 0.00	43.41 -0.98 0.00	41.22 -1.06 0.00	39.62 -0.97 0.00	38.47 -1.07 -0.05	38.56 -1.06 -0.28	38.57 -1.06 -0.25	39.19 -1.08 -0.27	40.74 -1.08 -0.45	38.84 -1.03 -0.27	44.96 -1.22 -0.82	54.54 -1.30 -1.58	61.12 -1.33 -1.92	63.79 -1.20 -2.00	64.36 -1.33 -2.37	54.67 -1.19 -1.60	46.79 -1.13 -1.01	39.21 -0.96 -0.35
LOVETT__3 23632	41.32 1.67 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.30 1.29 0.00	36.93 1.21 0.00	41.76 1.87 0.00	46.83 2.44 0.00	45.02 2.75 0.00	43.19 2.60 0.00	42.52 3.04 0.00	42.41 3.07 0.00	43.19 3.15 -0.66	45.92 3.28 -2.64	52.24 3.39 -7.48	53.56 3.25 -10.71	49.41 4.04 0.00	58.88 4.61 0.00	64.82 4.30 0.00	67.01 4.03 0.00	66.54 3.23 0.00	57.03 2.77 0.00	49.43 2.53 0.00	41.84 2.03 0.00
LOVETT__4 23642	41.32 1.67 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.30 1.29 0.00	36.93 1.21 0.00	41.76 1.87 0.00	46.83 2.44 0.00	45.02 2.75 0.00	43.19 2.60 0.00	42.52 3.04 0.00	42.41 3.07 0.00	43.19 3.15 -0.66	45.92 3.28 -2.64	52.24 3.39 -7.48	53.56 3.25 -10.71	49.41 4.04 0.00	58.88 4.61 0.00	64.82 4.30 0.00	67.01 4.03 0.00	66.54 3.23 0.00	57.03 2.77 0.00	49.43 2.53 0.00	41.84 2.03 0.00
LOVETT__5 23593	41.32 1.67 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.30 1.29 0.00	36.93 1.21 0.00	41.76 1.87 0.00	46.83 2.44 0.00	45.02 2.75 0.00	43.19 2.60 0.00	42.52 3.04 0.00	42.41 3.07 0.00	43.19 3.15 -0.66	45.92 3.28 -2.64	52.24 3.39 -7.48	53.56 3.25 -10.71	49.41 4.04 0.00	58.88 4.61 0.00	64.82 4.30 0.00	67.01 4.03 0.00	66.54 3.23 0.00	57.03 2.77 0.00	49.43 2.53 0.00	41.84 2.03 0.00
LOWER RAQUET__HYD 24057	39.65 0.00 0.00	36.11 -0.14 0.00	33.82 -0.27 0.00	32.23 -0.16 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.77 -0.12 0.00	44.13 -0.26 0.00	41.81 -0.46 0.00	40.02 -0.57 0.00	38.73 -0.75 0.00	38.48 -0.87 0.00	38.16 -1.22 0.00	38.48 -1.52 0.00	39.59 -1.78 0.00	37.82 -1.78 0.00	43.37 -2.00 0.00	51.82 -2.44 0.00	58.47 -2.06 0.00	61.28 -1.70 0.00	62.17 -1.14 0.00	53.45 -0.81 0.00	46.34 -0.56 0.00	39.70 -0.12 0.00
LOWER__HUDSON 24059	40.60 0.95 0.00	37.24 0.98 0.00	35.11 1.02 0.00	33.33 0.94 0.00	33.91 0.89 0.00	36.57 0.86 0.00	41.08 1.20 0.00	45.68 1.29 0.00	43.50 1.23 0.00	41.85 1.26 0.00	40.63 1.15 0.00	40.56 1.22 0.00	40.56 1.18 0.00	41.24 1.24 0.00	42.73 1.36 0.00	41.11 1.50 0.00	46.86 1.49 0.00	56.11 1.85 0.00	62.52 1.99 0.00	65.00 2.01 0.00	65.02 1.71 0.00	55.78 1.52 0.00	48.16 1.27 0.00	40.93 1.11 0.00

LOWVILLE_115KV_TB2 356335	40.36 0.71 0.00	36.91 0.65 0.00	34.67 0.58 0.00	33.01 0.62 0.00	33.61 0.59 0.00	36.50 0.79 0.00	40.73 0.84 0.00	45.19 0.80 0.00	42.53 0.25 0.00	40.67 0.08 0.00	39.28 -0.20 0.00	39.07 -0.28 0.00	38.71 -0.67 0.00	39.12 -0.88 0.00	40.42 -0.95 0.00	38.65 -0.95 0.00	44.37 -1.00 0.00	53.56 -0.71 0.00	60.71 0.18 0.00	64.11 1.13 0.00	64.89 1.58 0.00	55.67 1.41 0.00	47.98 1.08 0.00	40.89 1.07 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.24 1.59 0.00	37.85 1.60 0.00	35.63 1.53 0.00	33.82 1.43 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.72 1.83 0.00	46.34 1.95 0.00	44.01 1.73 0.00	42.17 1.58 0.00	40.90 1.42 0.00	40.76 1.42 0.00	40.72 1.34 0.00	41.40 1.40 0.00	42.90 1.53 0.00	41.23 1.62 0.00	47.00 1.63 0.00	56.27 2.01 0.00	63.07 2.54 0.00	65.75 2.77 0.00	65.97 2.66 0.00	56.49 2.22 0.00	48.73 1.83 0.00	41.33 1.51 0.00
LUTHERNY_35_KV_BK2 355980	41.24 1.59 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.82 1.43 0.00	34.47 1.45 0.00	37.21 1.50 0.00	41.72 1.83 0.00	46.39 2.00 0.00	44.01 1.73 0.00	42.21 1.62 0.00	40.90 1.42 0.00	40.76 1.42 0.00	40.72 1.34 0.00	41.40 1.40 0.00	42.90 1.53 0.00	41.23 1.62 0.00	47.00 1.63 0.00	56.33 2.06 0.00	63.13 2.60 0.00	65.82 2.83 0.00	66.03 2.72 0.00	56.54 2.28 0.00	48.77 1.88 0.00	41.37 1.55 0.00
LWR___OSWEGATCHIE_HYD 23850	39.81 0.16 0.00	36.33 0.07 0.00	34.06 -0.03 0.00	32.43 0.03 0.00	33.08 0.07 0.00	35.93 0.21 0.00	40.05 0.16 0.00	44.39 0.00 0.00	41.94 -0.34 0.00	40.10 -0.49 0.00	38.77 -0.71 0.00	38.51 -0.83 0.00	38.20 -1.18 0.00	38.52 -1.48 0.00	39.71 -1.65 0.00	37.98 -1.62 0.00	43.60 -1.77 0.00	52.36 -1.90 0.00	59.25 -1.27 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.32 0.05 0.00	46.94 0.05 0.00	40.09 0.28 0.00
LYONS_FALL_HYD 23570	40.36 0.71 0.00	36.91 0.65 0.00	34.71 0.61 0.00	33.01 0.61 0.00	33.61 0.59 0.00	36.50 0.78 0.00	40.76 0.88 0.00	45.23 0.84 0.00	42.66 0.38 0.00	40.84 0.25 0.00	39.48 0.00 0.00	39.30 -0.04 0.00	39.03 -0.36 0.00	39.52 -0.48 0.00	40.83 -0.54 0.00	39.05 -0.55 0.00	44.83 -0.54 0.00	54.10 -0.16 0.00	61.07 0.54 0.00	64.36 1.38 0.00	64.95 1.64 0.00	55.73 1.47 0.00	48.02 1.12 0.00	40.85 1.03 0.00
MADISON___COUNTY_LFGE 323628	40.32 0.67 0.00	36.91 0.65 0.00	34.71 0.61 0.00	33.01 0.62 0.00	33.58 0.56 0.00	36.39 0.68 0.00	40.65 0.76 0.00	45.19 0.80 0.00	42.74 0.47 0.00	41.00 0.41 0.00	39.70 0.24 0.02	39.49 0.24 0.08	39.47 0.16 0.07	40.04 0.12 0.08	41.36 0.12 0.13	39.64 0.12 0.08	45.35 0.23 0.25	54.39 0.60 0.47	61.04 1.09 0.58	64.02 1.64 0.60	64.12 1.52 0.71	55.14 1.36 0.48	47.58 0.98 0.30	40.58 0.88 0.11
MALONE___115KV_TB1 356076	39.97 0.32 0.00	36.44 0.18 0.00	34.09 0.00 0.00	32.49 0.10 0.00	33.18 0.17 0.00	36.00 0.29 0.00	40.17 0.28 0.00	44.61 0.22 0.00	42.36 0.08 0.00	40.55 -0.04 0.00	39.28 -0.20 0.00	38.99 -0.35 0.00	38.91 -0.47 0.00	39.32 -0.68 0.00	40.54 -0.83 0.00	38.73 -0.87 0.00	44.42 -0.95 0.00	53.02 -1.25 0.00	59.86 -0.67 0.00	62.60 -0.38 0.00	63.18 -0.13 0.00	54.21 -0.05 0.00	46.80 -0.09 0.00	39.89 0.08 0.00
MAPLEWOD_115KV_TB3 80458	40.40 0.75 0.00	37.09 0.83 0.00	34.94 0.85 0.00	33.14 0.75 0.00	33.74 0.73 0.00	36.39 0.68 0.00	40.88 1.00 0.00	45.46 1.07 0.00	43.29 1.01 0.00	41.61 1.01 0.00	40.51 1.03 0.00	40.40 1.06 0.00	40.40 1.02 0.00	41.12 1.12 0.00	42.61 1.24 0.00	40.91 1.31 0.00	46.82 1.45 0.00	56.00 1.74 0.00	62.34 1.82 0.00	64.81 1.83 0.00	64.77 1.46 0.00	55.51 1.25 0.00	47.98 1.08 0.00	40.77 0.96 0.00
MAPLE_RIDGE_WT_1 323574	39.57 -0.08 0.00	36.19 -0.07 0.00	33.99 -0.10 0.00	32.30 -0.10 0.00	32.92 -0.10 0.00	35.61 -0.11 0.00	39.77 -0.12 0.00	44.26 -0.13 0.00	42.15 -0.13 0.00	40.43 -0.16 0.00	39.28 -0.20 0.00	39.15 -0.20 0.00	39.15 -0.23 0.00	39.68 -0.32 0.00	40.95 -0.41 0.00	39.17 -0.43 0.00	44.83 -0.54 0.00	53.61 -0.65 0.00	59.92 -0.61 0.00	62.35 -0.63 0.00	62.74 -0.57 0.00	53.77 -0.49 0.00	46.52 -0.38 0.00	39.54 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	39.57 -0.08 0.00	36.19 -0.07 0.00	33.99 -0.10 0.00	32.30 -0.10 0.00	32.92 -0.10 0.00	35.61 -0.11 0.00	39.77 -0.12 0.00	44.26 -0.13 0.00	42.15 -0.13 0.00	40.43 -0.16 0.00	39.28 -0.20 0.00	39.15 -0.20 0.00	39.15 -0.23 0.00	39.68 -0.32 0.00	40.95 -0.41 0.00	39.17 -0.43 0.00	44.83 -0.54 0.00	53.61 -0.65 0.00	59.92 -0.61 0.00	62.35 -0.63 0.00	62.74 -0.57 0.00	53.77 -0.49 0.00	46.52 -0.38 0.00	39.54 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	39.73 0.08 0.00	36.22 -0.04 0.00	33.96 -0.14 0.00	32.36 -0.03 0.00	33.01 0.00 0.00	35.78 0.07 0.00	39.85 -0.04 0.00	44.30 -0.09 0.00	42.11 -0.17 0.00	40.39 -0.20 0.00	39.13 -0.36 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.36 -0.64 0.00	40.62 -0.74 0.00	38.81 -0.79 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.62 -0.91 0.00	62.23 -0.75 0.00	62.80 -0.51 0.00	53.83 -0.44 0.00	46.57 -0.33 0.00	39.62 -0.20 0.00
MARSHVLE_115KV_TB1 80742	41.24 1.59 0.00	37.85 1.60 0.00	35.59 1.50 0.00	33.82 1.43 0.00	34.43 1.42 0.00	37.32 1.61 0.00	41.72 1.83 0.00	46.21 1.82 0.00	43.37 1.10 0.00	41.12 0.53 0.00	39.72 0.24 0.00	39.54 0.20 0.00	39.66 0.28 0.00	40.32 0.32 0.00	41.70 0.33 0.00	39.96 0.36 0.00	45.82 0.45 0.00	55.29 1.03 0.00	62.89 2.36 0.00	66.38 3.40 0.00	66.60 3.29 0.00	56.92 2.66 0.00	49.19 2.30 0.00	41.61 1.79 0.00
MARSH_HILL_WT_PWR 323713	38.38 -1.27 0.00	35.24 -1.02 0.00	33.10 -0.99 0.00	31.49 -0.91 0.00	31.93 -1.09 0.00	34.43 -1.28 0.00	38.21 -1.67 0.00	42.13 -2.26 0.00	39.57 -2.75 -0.04	37.95 -2.64 0.00	36.87 -2.57 0.05	36.45 -2.64 0.26	36.56 -2.60 0.22	37.23 -2.52 0.25	38.19 -2.77 0.41	36.63 -2.73 0.24	41.65 -3.00 0.73	49.39 -3.47 1.40	55.73 -3.08 1.71	58.68 -2.52 1.78	58.35 -2.85 2.11	50.51 -2.33 1.42	43.65 -2.34 0.90	37.43 -2.07 0.31
MCINTYRE_115KV_TB2 80467	40.28 0.63 0.00	36.69 0.44 0.00	34.36 0.27 0.00	32.75 0.36 0.00	33.48 0.46 0.00	36.36 0.64 0.00	40.41 0.52 0.00	44.75 0.36 0.00	42.28 0.00 0.00	40.43 -0.16 0.00	39.05 -0.43 0.00	38.79 -0.55 0.00	38.59 -0.79 0.00	38.96 -1.04 0.00	40.17 -1.20 0.00	38.42 -1.19 0.00	44.10 -1.27 0.00	52.69 -1.57 0.00	59.62 -0.91 0.00	62.73 -0.25 0.00	63.75 0.44 0.00	54.75 0.49 0.00	47.32 0.42 0.00	40.45 0.64 0.00
MECO____69_KV_BK1 80468	41.71 2.06 0.00	38.29 2.03 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.86 1.85 0.00	37.75 2.04 0.00	42.16 2.27 0.00	46.61 2.22 0.00	43.71 1.44 0.00	41.44 0.85 0.00	39.99 0.51 0.00	39.81 0.47 0.00	39.89 0.51 0.00	40.60 0.60 0.00	42.03 0.66 0.00	40.36 0.75 0.00	46.41 1.04 0.00	56.05 1.79 0.00	63.67 3.15 0.00	67.20 4.22 0.00	67.55 4.24 0.00	57.68 3.42 0.00	49.76 2.86 0.00	42.04 2.23 0.00

MENANDS__115KV_TB5 355628	40.17 0.52 0.00	36.84 0.58 0.00	34.74 0.65 0.00	32.94 0.55 0.00	33.54 0.53 0.00	36.18 0.46 0.00	40.65 0.76 0.00	45.19 0.80 0.00	43.08 0.80 0.00	41.40 0.81 0.00	40.31 0.83 0.00	40.25 0.90 0.00	40.29 0.91 0.00	40.96 0.96 0.00	42.44 1.08 0.00	40.75 1.15 0.00	46.59 1.22 0.00	55.67 1.41 0.00	61.92 1.39 0.00	64.30 1.32 0.00	64.26 0.95 0.00	55.13 0.87 0.00	47.65 0.75 0.00	40.53 0.72 0.00
MG INDUSTRY__DRP 24185	40.32 0.67 0.00	37.02 0.76 0.00	34.88 0.78 0.00	33.07 0.68 0.00	33.67 0.66 0.00	36.32 0.61 0.00	40.73 0.84 0.00	45.28 0.89 0.00	43.08 0.80 0.00	41.28 0.69 0.00	40.19 0.71 0.00	40.05 0.71 0.00	40.09 0.71 0.00	40.76 0.76 0.00	42.20 0.83 0.00	40.48 0.87 0.00	46.37 1.00 0.00	55.51 1.25 0.00	61.92 1.39 0.00	64.43 1.45 0.00	64.45 1.14 0.00	55.30 1.03 0.00	47.79 0.89 0.00	40.65 0.84 0.00
MID__OSWEGATCHIE_HYD 23849	39.81 0.16 0.00	36.33 0.07 0.00	34.06 -0.03 0.00	32.43 0.03 0.00	33.08 0.07 0.00	35.93 0.21 0.00	40.05 0.16 0.00	44.39 0.00 0.00	41.94 -0.34 0.00	40.10 -0.49 0.00	38.77 -0.71 0.00	38.51 -0.83 0.00	38.20 -1.18 0.00	38.52 -1.48 0.00	39.71 -1.65 0.00	37.98 -1.62 0.00	43.60 -1.77 0.00	52.36 -1.90 0.00	59.25 -1.27 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.32 0.05 0.00	46.94 0.05 0.00	40.09 0.28 0.00
MID__RAQUETTE_HYD 23851	39.61 -0.04 0.00	36.11 -0.15 0.00	33.82 -0.27 0.00	32.20 -0.19 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.77 -0.12 0.00	44.12 -0.27 0.00	41.81 -0.47 0.00	40.02 -0.57 0.00	38.73 -0.75 0.00	38.48 -0.87 0.00	38.16 -1.22 0.00	38.48 -1.52 0.00	39.59 -1.78 0.00	37.82 -1.78 0.00	43.37 -2.00 0.00	51.82 -2.44 0.00	58.47 -2.06 0.00	61.28 -1.70 0.00	62.17 -1.14 0.00	53.45 -0.81 0.00	46.33 -0.56 0.00	39.69 -0.12 0.00
MILLIKEN__1 23584	40.09 0.44 0.00	36.69 0.44 0.00	34.50 0.41 0.00	32.78 0.39 0.00	33.38 0.36 0.00	36.11 0.39 0.00	40.33 0.44 0.00	44.83 0.44 0.00	42.41 0.13 0.00	40.63 0.04 0.00	39.35 -0.12 0.01	39.12 -0.16 0.06	39.17 -0.16 0.05	39.78 -0.16 0.06	41.14 -0.12 0.10	39.33 -0.20 0.08	44.96 -0.18 0.23	53.93 0.11 0.45	60.41 0.42 0.54	63.30 0.88 0.57	63.40 0.76 0.67	54.46 0.65 0.45	47.03 0.42 0.29	40.03 0.32 0.10
MILLIKEN__2 23585	40.09 0.44 0.00	36.69 0.44 0.00	34.50 0.41 0.00	32.78 0.39 0.00	33.38 0.36 0.00	36.11 0.39 0.00	40.33 0.44 0.00	44.83 0.44 0.00	42.41 0.13 0.00	40.63 0.04 0.00	39.35 -0.12 0.01	39.12 -0.16 0.06	39.17 -0.16 0.05	39.78 -0.16 0.06	41.14 -0.12 0.10	39.33 -0.20 0.08	44.96 -0.18 0.23	53.93 0.11 0.45	60.41 0.42 0.54	63.30 0.88 0.57	63.40 0.76 0.67	54.46 0.65 0.45	47.03 0.42 0.29	40.03 0.32 0.10
MILLIKEN__DIESEL 23629	40.09 0.44 0.00	36.69 0.44 0.00	34.50 0.41 0.00	32.78 0.39 0.00	33.38 0.36 0.00	36.11 0.39 0.00	40.33 0.44 0.00	44.83 0.44 0.00	42.41 0.13 0.00	40.63 0.04 0.00	39.35 -0.12 0.01	39.12 -0.16 0.06	39.17 -0.16 0.05	39.78 -0.16 0.06	41.14 -0.12 0.10	39.33 -0.20 0.08	44.96 -0.18 0.23	53.93 0.11 0.45	60.41 0.42 0.54	63.30 0.88 0.57	63.40 0.76 0.67	54.46 0.65 0.45	47.03 0.42 0.29	40.03 0.32 0.10
MILLSEAT__LFGE 323607	36.48 -3.17 0.00	33.61 -2.65 0.00	31.47 -2.62 0.00	30.13 -2.27 0.00	30.64 -2.38 0.00	33.03 -2.68 0.00	36.38 -3.51 0.00	40.31 -4.08 0.00	37.96 -4.31 0.01	36.65 -3.94 0.00	36.05 -3.36 0.08	35.52 -3.42 0.39	35.81 -3.23 0.34	36.58 -3.04 0.38	37.31 -3.43 0.62	35.91 -3.33 0.37	40.40 -3.86 1.11	47.83 -4.29 2.15	54.10 -3.81 2.62	56.60 -3.65 2.73	55.59 -4.49 3.23	48.23 -3.85 2.18	41.72 -3.80 1.38	36.23 -3.11 0.48
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.43 1.78 0.00	37.96 1.70 0.00	35.76 1.67 0.00	33.95 1.55 0.00	34.40 1.39 0.00	37.03 1.32 0.00	41.88 1.99 0.00	46.96 2.57 0.00	45.19 2.92 0.00	43.35 2.76 0.00	42.68 3.20 0.00	42.57 3.23 0.00	43.12 3.31 -0.43	45.12 3.40 -1.72	49.80 3.56 -4.88	49.96 3.37 -6.99	49.54 4.17 0.00	59.09 4.83 0.00	65.00 4.48 0.00	67.20 4.22 0.00	66.73 3.42 0.00	57.19 2.93 0.00	49.57 2.67 0.00	41.96 2.15 0.00
MILLWOOD_13_KV_LOAD 356217	41.51 1.86 0.00	38.07 1.81 0.00	35.86 1.77 0.00	34.05 1.65 0.00	34.50 1.49 0.00	37.14 1.43 0.00	42.00 2.11 0.00	47.10 2.71 0.00	45.32 3.04 0.00	43.51 2.92 0.00	42.84 3.36 0.00	42.68 3.34 0.00	43.24 3.43 -0.43	45.24 3.52 -1.72	49.89 3.64 -4.88	50.08 3.49 -6.99	49.63 4.26 0.00	59.26 4.99 0.00	65.19 4.66 0.00	67.39 4.41 0.00	66.86 3.55 0.00	57.30 3.04 0.00	49.66 2.77 0.00	42.04 2.23 0.00
MODEL_CITY_ENERGY 24167	35.25 -4.40 0.00	32.60 -3.66 0.00	30.34 -3.75 0.00	29.22 -3.17 0.00	29.68 -3.33 0.00	31.96 -3.75 0.00	34.86 -5.03 0.00	38.71 -5.68 0.00	36.52 -5.75 0.01	35.28 -5.32 0.00	34.79 -4.62 0.08	34.27 -4.68 0.39	34.59 -4.45 0.34	35.39 -4.24 0.37	36.04 -4.72 0.61	34.73 -4.52 0.36	38.97 -5.31 1.10	45.96 -6.19 2.12	51.78 -6.17 2.58	54.00 -6.30 2.69	52.97 -7.15 3.18	46.15 -5.97 2.15	40.05 -5.49 1.36	34.80 -4.54 0.47
MODERN_LFGE__ 323580	35.25 -4.40 0.00	32.60 -3.66 0.00	30.34 -3.75 0.00	29.22 -3.17 0.00	29.68 -3.33 0.00	31.96 -3.75 0.00	34.86 -5.03 0.00	38.71 -5.68 0.00	36.52 -5.75 0.01	35.28 -5.32 0.00	34.79 -4.62 0.08	34.27 -4.68 0.39	34.59 -4.45 0.34	35.39 -4.24 0.37	36.04 -4.72 0.61	34.73 -4.52 0.36	38.97 -5.31 1.10	45.96 -6.19 2.12	51.78 -6.17 2.58	54.00 -6.30 2.69	52.97 -7.15 3.18	46.15 -5.97 2.15	40.05 -5.49 1.36	34.80 -4.54 0.47
MOHAWK_PAPER__DRP 24187	40.40 0.75 0.00	37.09 0.83 0.00	34.94 0.85 0.00	33.14 0.75 0.00	33.74 0.73 0.00	36.39 0.68 0.00	40.88 1.00 0.00	45.46 1.07 0.00	43.29 1.01 0.00	41.61 1.01 0.00	40.51 1.03 0.00	40.40 1.06 0.00	40.40 1.02 0.00	41.12 1.12 0.00	42.61 1.24 0.00	40.91 1.31 0.00	46.82 1.45 0.00	56.00 1.74 0.00	62.34 1.82 0.00	64.81 1.83 0.00	64.77 1.46 0.00	55.51 1.25 0.00	47.98 1.08 0.00	40.77 0.96 0.00
MOHICAN__35_KV_115KV_LD 80490	42.03 2.38 0.00	38.62 2.36 0.00	36.34 2.25 0.00	34.50 2.11 0.00	35.13 2.11 0.00	38.00 2.29 0.00	42.56 2.67 0.00	47.32 2.93 0.00	44.73 2.45 0.00	42.82 2.23 0.00	41.26 1.78 0.00	41.07 1.73 0.00	40.92 1.54 0.00	41.52 1.52 0.00	43.02 1.65 0.00	41.39 1.78 0.00	46.55 1.18 0.00	55.73 1.47 0.00	63.13 2.60 0.00	66.00 3.02 0.00	66.54 3.23 0.00	56.92 2.66 0.00	48.96 2.06 0.00	41.49 1.67 0.00
MONGAUP__HYD 23641	41.24 1.59 0.00	37.75 1.49 0.00	35.52 1.43 0.00	33.62 1.23 0.00	34.17 1.15 0.00	36.93 1.21 0.00	41.56 1.67 0.00	46.48 2.09 0.00	44.43 2.15 0.00	42.50 1.91 0.00	41.65 2.17 0.00	41.58 2.24 0.00	40.32 2.32 1.39	36.88 2.44 5.56	28.14 2.52 15.75	19.54 2.50 22.56	48.59 3.22 0.00	58.34 4.07 0.00	64.52 3.99 0.00	67.02 4.03 0.00	66.66 3.35 0.00	57.08 2.82 0.00	49.38 2.48 0.00	41.80 1.99 0.00

MONTAUK___DIESEL 23721	43.85 4.20 0.00	39.99 3.73 0.00	37.77 3.68 0.00	35.73 3.34 0.00	35.95 2.94 0.00	38.14 2.43 0.00	43.56 3.67 0.00	48.70 4.31 0.00	47.43 5.16 0.00	45.50 4.91 0.00	45.42 5.92 -0.02	48.92 5.94 -3.64	50.08 6.06 -4.64	50.88 6.28 -4.60	52.14 6.58 -4.19	54.24 6.14 -8.49	54.87 7.85 -1.66	65.41 9.22 -1.92	70.69 9.26 -0.91	73.52 8.88 -1.66	70.02 6.71 0.00	59.85 5.59 0.00	52.10 5.21 0.00	44.75 4.94 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.36 -3.29 0.00	33.47 -2.79 0.00	31.57 -2.52 0.00	30.09 -2.30 0.00	30.54 -2.48 0.00	33.07 -2.64 0.00	36.26 -3.63 0.00	40.53 -3.86 0.00	38.21 -4.06 0.01	36.94 -3.65 0.00	35.71 -3.71 0.06	35.37 -3.62 0.35	35.65 -3.43 0.31	36.38 -3.28 0.34	36.97 -3.85 0.55	35.75 -3.52 0.33	40.16 -4.22 0.99	47.68 -4.67 1.92	53.29 -4.90 2.33	55.82 -4.72 2.43	54.85 -5.57 2.88	47.27 -5.05 1.95	41.16 -4.50 1.23	35.85 -3.54 0.43
MORRIS_RIDGE___SOLAR 323848	37.51 -2.14 0.00	34.45 -1.81 0.00	32.39 -1.70 0.00	30.84 -1.55 0.00	31.33 -1.68 0.00	33.85 -1.86 0.00	37.45 -2.43 0.00	41.28 -3.11 0.00	38.71 -3.51 0.06	37.26 -3.33 0.00	36.23 -3.20 0.06	35.79 -3.26 0.29	35.98 -3.15 0.25	36.68 -3.04 0.27	37.65 -3.27 0.45	36.17 -3.17 0.27	40.97 -3.59 0.81	48.57 -4.13 1.57	54.69 -3.93 1.91	57.53 -3.46 1.99	57.16 -3.80 2.36	49.53 -3.15 1.59	42.89 -3.00 1.01	36.92 -2.55 0.35
MORTIMER_115KV_TB3 55949	37.51 -2.14 0.00	34.37 -1.89 0.00	32.32 -1.77 0.00	30.74 -1.65 0.00	31.33 -1.68 0.00	33.82 -1.89 0.00	37.41 -2.47 0.00	41.77 -2.62 0.00	39.53 -2.75 0.00	38.16 -2.44 0.00	37.27 -2.13 0.08	36.92 -2.01 0.41	37.17 -1.85 0.36	37.84 -1.76 0.40	38.65 -2.07 0.65	37.28 -1.94 0.38	41.85 -2.36 1.17	49.63 -2.39 2.25	55.49 -2.30 2.74	57.92 -2.20 2.85	57.40 -2.53 3.38	49.60 -2.39 2.27	43.15 -2.30 1.44	37.44 -1.87 0.50
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.67 2.02 0.00	38.18 1.92 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.12 2.23 0.00	47.32 2.93 0.00	45.57 3.30 0.00	43.72 3.13 0.00	43.15 3.67 0.00	43.04 3.70 0.00	43.47 3.78 -0.31	45.35 3.88 -1.47	49.58 4.01 -4.19	49.46 3.84 -6.01	47.03 4.67 3.01	59.69 5.43 0.00	65.55 5.02 0.00	67.70 4.72 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
MUNSVILLE_WIND_PWR 323609	41.47 1.82 0.00	37.96 1.70 0.00	35.73 1.64 0.00	33.95 1.55 0.00	34.50 1.49 0.00	37.43 1.71 0.00	41.72 1.84 0.00	46.30 1.91 0.00	43.46 1.18 0.00	41.48 0.89 0.00	40.06 0.59 0.01	39.78 0.51 0.07	39.63 0.31 0.06	40.25 0.32 0.07	41.63 0.37 0.11	39.77 0.24 0.07	45.65 0.50 0.22	55.13 1.30 0.43	62.36 2.36 0.53	65.89 3.46 0.55	65.89 3.23 0.65	56.75 2.93 0.44	48.87 2.25 0.28	41.63 1.91 0.10
N SALMON___HYD 24042	39.97 0.32 0.00	36.44 0.18 0.00	34.09 0.00 0.00	32.49 0.10 0.00	33.18 0.17 0.00	36.00 0.28 0.00	40.17 0.28 0.00	44.61 0.22 0.00	42.36 0.08 0.00	40.55 -0.04 0.00	39.25 -0.24 0.00	38.99 -0.35 0.00	38.91 -0.47 0.00	39.32 -0.68 0.00	40.54 -0.83 0.00	38.73 -0.87 0.00	44.42 -0.95 0.00	53.02 -1.25 0.00	59.86 -0.66 0.00	62.61 -0.38 0.00	63.18 -0.13 0.00	54.21 -0.05 0.00	46.80 -0.09 0.00	39.89 0.08 0.00
N.AKRON__115KV_KNAPP 355671	36.44 -3.21 0.00	33.54 -2.72 0.00	31.57 -2.52 0.00	30.06 -2.33 0.00	30.60 -2.41 0.00	33.00 -2.71 0.00	35.98 -3.91 0.00	40.22 -4.17 0.00	37.87 -4.40 0.01	36.61 -3.98 0.00	35.70 -3.71 0.07	35.49 -3.46 0.39	35.77 -3.27 0.34	36.54 -3.08 0.38	37.15 -3.60 0.62	35.87 -3.37 0.36	40.08 -4.17 1.11	47.72 -4.40 2.14	53.56 -4.36 2.61	56.04 -4.22 2.72	55.40 -4.68 3.22	47.75 -4.34 2.17	41.53 -3.99 1.38	36.19 -3.15 0.48
N.BELMOR_69_KV_BK1 55787	42.35 2.70 0.00	38.65 2.39 0.00	36.38 2.28 0.00	34.44 2.04 0.00	34.80 1.78 0.00	37.21 1.50 0.00	42.44 2.55 0.00	47.54 3.15 0.00	46.00 3.72 0.00	44.16 3.57 0.00	43.80 4.30 -0.02	47.31 4.33 -3.64	48.43 4.41 -4.64	49.16 4.56 -4.60	50.32 4.76 -4.19	64.29 4.51 -20.17	60.17 5.44 -9.35	71.55 6.46 -10.83	71.97 6.29 -5.15	78.38 6.05 -9.35	67.94 4.62 -0.01	58.07 3.80 -0.01	50.41 3.52 0.00	43.00 3.19 0.00
N.E._GEN_SANDY PD 24062	40.60 0.95 0.00	37.20 0.94 0.00	35.15 1.06 0.00	33.30 0.91 0.00	33.87 0.86 0.00	36.50 0.78 0.00	41.13 1.24 0.00	45.81 1.42 0.00	43.84 1.57 0.00	42.22 1.63 0.00	41.10 1.62 0.00	41.07 1.73 0.00	41.20 1.73 -0.09	42.14 1.80 -0.34	44.28 1.94 -0.97	43.90 2.06 -2.24	47.55 2.18 0.00	56.92 2.66 0.00	63.01 2.48 0.00	65.25 2.26 0.00	65.08 1.77 0.00	55.89 1.63 0.00	48.35 1.46 0.00	41.09 1.27 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.35 1.70 0.00	37.89 1.63 0.00	35.69 1.60 0.00	33.88 1.49 0.00	34.33 1.32 0.00	37.00 1.29 0.00	41.80 1.91 0.00	46.88 2.49 0.00	45.07 2.79 0.00	43.23 2.64 0.00	42.56 3.08 0.00	42.45 3.11 0.00	43.32 3.19 -0.75	46.32 3.32 -3.01	53.32 3.43 -8.52	55.14 3.33 -12.21	49.50 4.13 0.00	59.04 4.78 0.00	64.94 4.42 0.00	67.20 4.22 0.00	66.67 3.36 0.00	57.19 2.93 0.00	49.52 2.63 0.00	41.92 2.11 0.00
N.QUEENS_27_KV_LOAD 356247	41.75 2.10 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.14 1.75 0.00	34.47 1.45 0.00	37.00 1.29 0.00	42.00 2.11 0.00	47.28 2.89 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.23 3.75 0.00	43.08 3.74 0.00	43.77 3.90 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.65 4.04 -6.01	56.59 4.90 -6.32	59.80 5.53 0.00	65.49 4.96 0.00	67.52 4.53 0.00	66.92 3.61 0.00	57.30 3.04 0.00	49.80 2.91 0.00	42.24 2.43 0.00
N.TROY___115KV_TB1 355778	40.60 0.95 0.00	37.24 0.98 0.00	35.11 1.02 0.00	33.27 0.87 0.00	33.91 0.89 0.00	36.57 0.86 0.00	41.12 1.24 0.00	45.68 1.29 0.00	43.50 1.23 0.00	41.85 1.26 0.00	40.67 1.18 0.00	40.56 1.22 0.00	40.56 1.18 0.00	41.24 1.24 0.00	42.73 1.37 0.00	41.11 1.50 0.00	46.91 1.54 0.00	56.11 1.84 0.00	62.58 2.06 0.00	65.00 2.02 0.00	65.02 1.71 0.00	55.84 1.57 0.00	48.21 1.31 0.00	40.93 1.11 0.00
NARROWS_GT1_1 24228	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT1_2 24229	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01

NARROWS_GT1_3 24230	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT1_4 24231	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT1_5 24232	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT1_6 24233	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT1_7 24234	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT1_8 24235	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_1 24236	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_2 24237	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_3 24238	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_4 24239	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_5 24240	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_6 24241	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_7 24242	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NARROWS_GT2_8 24243	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.84 1.19 0.00	37.46 1.20 0.00	35.32 1.23 0.00	33.50 1.10 0.00	34.07 1.06 0.00	36.78 1.07 0.00	41.24 1.36 0.00	45.81 1.42 0.00	43.46 1.18 0.00	41.52 0.93 0.00	40.35 0.87 0.00	40.25 0.90 0.00	40.29 0.91 0.00	41.00 1.00 0.00	42.48 1.12 0.00	40.83 1.23 0.00	46.91 1.54 0.00	56.43 2.17 0.00	63.07 2.54 0.00	65.75 2.77 0.00	65.65 2.34 0.00	56.33 2.06 0.00	48.63 1.74 0.00	41.25 1.43 0.00



NCHELSEA_115KV_TR2 355582	41.51 1.86 0.00	38.04 1.78 0.00	35.86 1.77 0.00	34.01 1.62 0.00	34.47 1.45 0.00	37.18 1.46 0.00	42.00 2.11 0.00	47.05 2.66 0.00	45.15 2.87 0.00	43.31 2.72 0.00	42.52 3.04 0.00	42.41 3.07 0.00	42.53 3.15 0.00	43.28 3.28 0.00	44.76 3.39 0.00	42.93 3.33 0.00	49.50 4.13 0.00	59.26 4.99 0.00	65.31 4.78 0.00	67.58 4.60 0.00	67.05 3.74 0.00	57.47 3.20 0.00	49.76 2.86 0.00	42.08 2.27 0.00
NEG CAPITAL___MECHNVIL 23645	41.24 1.59 0.00	37.82 1.56 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.72 1.84 0.00	46.39 2.00 0.00	44.05 1.78 0.00	42.26 1.66 0.00	40.98 1.50 0.00	40.87 1.53 0.00	40.84 1.46 0.00	41.52 1.52 0.00	43.02 1.66 0.00	41.34 1.74 0.00	47.19 1.82 0.00	56.54 2.28 0.00	63.31 2.79 0.00	66.00 3.02 0.00	66.09 2.78 0.00	56.60 2.33 0.00	48.82 1.92 0.00	41.45 1.63 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.31 -2.34 0.00	34.15 -2.10 0.00	32.15 -1.94 0.00	30.58 -1.81 0.00	31.13 -1.88 0.00	33.64 -2.07 0.00	37.50 -2.39 0.00	41.81 -2.58 0.00	39.57 -2.71 0.00	38.16 -2.43 0.00	37.37 -2.05 0.05	36.92 -2.13 0.30	37.07 -2.05 0.26	37.75 -1.96 0.28	38.74 -2.15 0.47	36.97 -2.30 0.34	41.75 -2.58 1.04	49.38 -2.88 2.01	55.42 -2.66 2.44	57.91 -2.52 2.54	57.26 -3.04 3.02	49.69 -2.55 2.03	43.03 -2.58 1.29	37.18 -2.19 0.45
NEG CENTRAL___DRP 24199	39.21 -0.44 0.00	35.90 -0.36 0.00	33.75 -0.34 0.00	32.10 -0.29 0.00	32.68 -0.33 0.00	35.36 -0.36 0.00	39.41 -0.48 0.00	43.59 -0.80 0.00	41.22 -1.06 0.00	39.58 -1.01 0.00	38.39 -1.07 0.02	38.15 -1.06 0.13	38.24 -1.02 0.12	38.87 -1.00 0.13	40.12 -1.03 0.21	38.41 -1.07 0.13	43.75 -1.22 0.40	52.31 -1.19 0.76	58.57 -1.03 0.93	61.32 -0.69 0.97	61.28 -0.89 1.15	52.90 -0.60 0.77	45.80 -0.61 0.49	39.13 -0.52 0.17
NEG CENTRAL___INDECK 23768	38.98 -0.67 0.00	35.72 -0.54 0.00	33.58 -0.51 0.00	31.97 -0.42 0.00	32.55 -0.46 0.00	35.18 -0.53 0.00	39.13 -0.76 0.00	43.10 -1.29 0.00	40.37 -1.94 -0.04	38.68 -1.91 0.00	37.72 -1.70 0.06	37.17 -1.85 0.32	37.33 -1.77 0.28	38.05 -1.64 0.31	39.08 -1.78 0.51	37.60 -1.70 0.30	42.60 -1.86 0.91	50.72 -1.79 1.75	57.55 -0.85 2.13	60.82 0.06 2.22	60.36 -0.31 2.63	52.22 -0.27 1.77	44.93 -0.84 1.13	38.67 -0.76 0.39
NEG CENTRAL___SENECA 23627	39.06 -0.59 0.00	35.75 -0.51 0.00	33.61 -0.48 0.00	31.97 -0.42 0.00	32.55 -0.46 0.00	35.21 -0.50 0.00	39.21 -0.68 0.00	43.10 -1.29 0.00	40.72 -1.56 -0.01	39.09 -1.50 0.00	37.90 -1.54 0.05	37.56 -1.53 0.25	37.67 -1.50 0.22	38.32 -1.44 0.24	39.45 -1.53 0.39	37.87 -1.50 0.23	42.95 -1.72 0.70	51.23 -1.68 1.35	57.37 -1.51 1.64	60.13 -1.13 1.71	59.89 -1.39 2.03	52.03 -0.87 1.37	45.23 -0.80 0.87	38.84 -0.68 0.30
NEG CENTRAL___STATE_STREET 24147	39.49 -0.16 0.00	36.15 -0.11 0.00	33.96 -0.14 0.00	32.30 -0.10 0.00	32.88 -0.13 0.00	35.57 -0.14 0.00	39.73 -0.16 0.00	44.30 -0.09 0.00	41.94 -0.34 0.00	40.27 -0.32 0.00	39.09 -0.39 0.00	38.95 -0.39 0.00	38.99 -0.39 0.00	39.64 -0.36 0.00	41.04 -0.33 0.00	39.05 -0.55 0.00	44.73 -0.64 0.00	53.78 -0.49 0.00	60.22 -0.30 0.00	62.98 0.00 0.00	63.18 -0.13 0.00	54.16 -0.11 0.00	46.66 -0.23 0.00	39.58 -0.24 0.00
NEG MILLWOOD___DRP 24198	41.71 2.06 0.00	38.29 2.03 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.66 1.65 0.00	37.36 1.64 0.00	42.24 2.35 0.00	47.32 2.93 0.00	45.45 3.17 0.00	43.72 3.13 0.00	42.96 3.47 0.00	42.80 3.46 0.00	43.03 3.50 -0.14	44.22 3.64 -0.58	46.74 3.72 -1.65	45.57 3.60 -2.36	49.73 4.36 0.00	59.58 5.32 0.00	65.61 5.08 0.00	67.89 4.91 0.00	67.30 3.99 0.00	57.68 3.42 0.00	49.94 3.05 0.00	42.24 2.43 0.00
NEG NORTH_FLCN_SEA 23793	39.93 0.28 0.00	36.40 0.15 0.00	34.13 0.03 0.00	32.49 0.10 0.00	33.18 0.17 0.00	35.96 0.25 0.00	40.09 0.20 0.00	44.52 0.13 0.00	42.36 0.08 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.28 0.00	39.07 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.23 -1.03 0.00	59.92 -0.61 0.00	62.54 -0.44 0.00	63.12 -0.19 0.00	54.10 -0.16 0.00	46.76 -0.14 0.00	39.81 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	39.81 0.16 0.00	36.30 0.04 0.00	34.02 -0.07 0.00	32.36 -0.03 0.00	33.08 0.07 0.00	35.86 0.14 0.00	39.93 0.04 0.00	44.35 -0.04 0.00	42.11 -0.17 0.00	40.35 -0.24 0.00	39.13 -0.36 0.00	38.87 -0.47 0.00	38.83 -0.55 0.00	39.32 -0.68 0.00	40.58 -0.79 0.00	38.77 -0.83 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.68 -0.85 0.00	62.35 -0.63 0.00	62.93 -0.38 0.00	53.94 -0.33 0.00	46.66 -0.23 0.00	39.66 -0.16 0.00
NEG NORTH___ALICE_FALLS 23915	40.05 0.40 0.00	36.48 0.22 0.00	34.16 0.07 0.00	32.56 0.16 0.00	33.25 0.23 0.00	36.03 0.32 0.00	40.21 0.32 0.00	44.61 0.22 0.00	42.40 0.13 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.28 0.00	39.07 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.29 -0.98 0.00	60.10 -0.42 0.00	62.79 -0.19 0.00	63.31 0.00 0.00	54.32 0.05 0.00	46.90 0.00 0.00	39.89 0.08 0.00
NEG NORTH___LWR_SARANAC 23913	40.05 0.40 0.00	36.48 0.22 0.00	34.16 0.07 0.00	32.56 0.16 0.00	33.25 0.23 0.00	36.03 0.32 0.00	40.21 0.32 0.00	44.61 0.22 0.00	42.40 0.13 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.28 0.00	39.07 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.29 -0.98 0.00	60.10 -0.42 0.00	62.79 -0.19 0.00	63.31 0.00 0.00	54.32 0.05 0.00	46.90 0.00 0.00	39.89 0.08 0.00
NEG NORTH___PLATTSBURG 23628	40.05 0.40 0.00	36.48 0.22 0.00	34.16 0.07 0.00	32.56 0.16 0.00	33.25 0.23 0.00	36.03 0.32 0.00	40.21 0.32 0.00	44.61 0.22 0.00	42.40 0.13 0.00	40.59 0.00 0.00	39.32 -0.16 0.00	39.07 -0.27 0.00	39.06 -0.32 0.00	39.52 -0.48 0.00	40.79 -0.58 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.29 -0.98 0.00	60.10 -0.42 0.00	62.79 -0.19 0.00	63.31 0.00 0.00	54.26 0.00 0.00	46.85 -0.05 0.00	39.89 0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	35.61 -4.04 0.00	32.85 -3.41 0.00	30.96 -3.14 0.00	29.45 -2.95 0.00	29.94 -3.07 0.00	32.28 -3.43 0.00	35.02 -4.87 0.00	39.24 -5.15 0.00	37.02 -5.24 0.01	35.76 -4.83 0.00	34.91 -4.50 0.07	34.74 -4.21 0.39	35.02 -4.02 0.34	35.83 -3.80 0.37	36.37 -4.38 0.61	35.16 -4.08 0.36	39.28 -4.99 1.10	46.66 -5.48 2.12	52.13 -5.81 2.58	54.43 -5.86 2.69	53.79 -6.33 3.19	46.41 -5.70 2.15	40.52 -5.02 1.36	35.36 -3.98 0.47
NEG WEST___LANCASTR 23811	35.76 -3.89 0.00	32.89 -3.37 0.00	30.99 -3.10 0.00	29.54 -2.85 0.00	29.98 -3.04 0.00	32.39 -3.32 0.00	35.50 -4.39 0.00	39.77 -4.62 0.00	37.53 -4.73 0.01	36.17 -4.42 0.00	34.24 -5.17 0.06	33.91 -5.07 0.35	34.19 -4.88 0.31	34.94 -4.72 0.34	35.52 -5.30 0.56	34.41 -4.87 0.33	38.66 -5.72 1.00	45.77 -6.57 1.92	51.10 -7.08 2.34	53.36 -7.18 2.44	52.75 -7.66 2.89	45.53 -6.78 1.95	39.61 -6.05 1.24	34.45 -4.94 0.43

NEG_PENN_ALLEGHNY 23528	39.69 0.04 0.00	36.37 0.11 0.00	34.19 0.10 0.00	32.49 0.10 0.00	33.08 0.07 0.00	35.78 0.07 0.00	40.01 0.12 0.00	44.48 0.09 0.00	42.23 -0.04 0.00	40.55 -0.04 0.00	39.38 -0.08 0.02	39.13 -0.12 0.09	39.22 -0.08 0.08	39.87 -0.04 0.09	41.22 0.00 0.15	39.48 -0.04 0.09	45.10 0.00 0.27	53.97 0.22 0.52	60.26 0.37 0.63	62.89 0.57 0.65	62.79 0.25 0.78	54.01 0.27 0.52	46.66 0.09 0.33	39.74 0.04 0.11
NEG___GEN_MONROE 24207	37.47 -2.18 0.00	34.37 -1.89 0.00	32.29 -1.81 0.00	30.71 -1.68 0.00	31.26 -1.75 0.00	33.78 -1.93 0.00	37.29 -2.59 0.00	41.59 -2.80 0.00	39.31 -2.96 0.00	37.95 -2.64 0.00	37.08 -2.33 0.08	36.73 -2.20 0.41	36.97 -2.05 0.36	37.68 -1.92 0.39	38.48 -2.23 0.65	37.12 -2.10 0.38	41.58 -2.63 1.16	49.36 -2.66 2.24	55.25 -2.54 2.73	57.81 -2.33 2.85	57.34 -2.60 3.37	49.50 -2.50 2.27	43.06 -2.39 1.44	37.49 -1.83 0.50
NEPA___ENERGY 23901	36.16 -3.49 0.00	33.29 -2.97 0.00	31.36 -2.73 0.00	29.90 -2.49 0.00	30.31 -2.71 0.00	32.78 -2.93 0.00	35.90 -3.99 0.00	40.17 -4.22 0.00	37.91 -4.35 0.01	36.49 -4.10 0.00	35.39 -4.03 0.06	35.09 -3.89 0.35	35.37 -3.70 0.31	36.18 -3.48 0.34	36.80 -4.01 0.56	35.59 -3.68 0.33	40.06 -4.31 1.00	47.40 -4.94 1.93	52.86 -5.33 2.34	55.18 -5.35 2.44	54.59 -5.82 2.90	47.15 -5.16 1.96	41.02 -4.64 1.24	35.64 -3.74 0.43
NEVERSINK___HYD 23608	41.19 1.54 0.00	37.71 1.45 0.00	35.49 1.40 0.00	33.59 1.20 0.00	34.14 1.12 0.00	36.89 1.18 0.00	41.52 1.64 0.00	46.61 2.22 0.00	44.64 2.37 0.00	42.74 2.15 0.00	41.89 2.41 0.00	41.82 2.48 0.00	41.82 2.56 0.12	42.16 2.64 0.48	42.78 2.77 1.36	40.39 2.73 1.94	48.86 3.49 0.00	58.61 4.34 0.00	64.70 4.17 0.00	67.07 4.09 0.00	66.66 3.35 0.00	57.08 2.82 0.00	49.38 2.48 0.00	41.80 1.99 0.00
NEWKRMKL_115KV_TB1 55635	40.01 0.36 0.00	36.73 0.47 0.00	34.60 0.51 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.03 0.32 0.00	40.49 0.60 0.00	45.01 0.62 0.00	42.91 0.63 0.00	41.24 0.65 0.00	40.15 0.67 0.00	40.09 0.75 0.00	40.09 0.71 0.00	40.80 0.80 0.00	42.28 0.91 0.00	40.55 0.95 0.00	46.37 1.00 0.00	55.46 1.19 0.00	61.68 1.15 0.00	64.05 1.07 0.00	64.07 0.76 0.00	54.92 0.65 0.00	47.41 0.52 0.00	40.37 0.56 0.00
NEWTON___FALLS_HYD 23847	39.81 0.16 0.00	36.33 0.07 0.00	34.06 -0.03 0.00	32.43 0.03 0.00	33.08 0.07 0.00	35.93 0.21 0.00	40.05 0.16 0.00	44.39 0.00 0.00	41.94 -0.34 0.00	40.10 -0.49 0.00	38.77 -0.71 0.00	38.51 -0.83 0.00	38.20 -1.18 0.00	38.52 -1.48 0.00	39.71 -1.65 0.00	37.98 -1.62 0.00	43.60 -1.77 0.00	52.36 -1.90 0.00	59.25 -1.27 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.32 0.05 0.00	46.94 0.05 0.00	40.09 0.28 0.00
NGRID_A1_DSASP 323792	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
NGRID_A2_DSASP 323793	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
NGRID_A4_DSASP 323807	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
NIAGARA_115E_LBMP 323715	35.01 -4.64 0.00	32.41 -3.84 0.00	30.10 -3.99 0.00	29.09 -3.30 0.00	29.51 -3.50 0.00	31.75 -3.97 0.00	34.54 -5.34 0.00	38.35 -6.04 0.00	36.22 -6.05 0.01	34.95 -5.64 0.00	34.51 -4.90 0.08	34.00 -4.96 0.39	34.32 -4.73 0.34	35.11 -4.52 0.37	35.75 -5.01 0.61	34.45 -4.79 0.36	38.65 -5.63 1.09	45.59 -6.57 2.11	51.30 -6.66 2.57	53.44 -6.86 2.68	52.41 -7.73 3.17	45.66 -6.46 2.14	39.68 -5.86 1.36	34.53 -4.82 0.47
NIAGARA_115W_LBMP 323714	34.57 -5.08 0.00	31.83 -4.42 0.00	30.48 -3.61 0.00	28.57 -3.82 0.00	29.02 -4.00 0.00	31.32 -4.39 0.00	34.42 -5.46 0.00	38.26 -6.13 0.00	36.09 -6.17 0.01	34.87 -5.72 0.00	34.47 -4.94 0.08	33.99 -4.96 0.39	34.27 -4.77 0.34	35.06 -4.56 0.37	35.70 -5.05 0.62	34.41 -4.83 0.36	38.68 -5.58 1.11	45.56 -6.57 2.14	51.14 -6.78 2.61	53.21 -7.05 2.72	52.23 -7.85 3.23	45.58 -6.51 2.17	39.71 -5.82 1.37	34.48 -4.86 0.47
NIAGARA_230_LBMP 323716	35.21 -4.44 0.00	32.45 -3.81 0.00	30.58 -3.51 0.00	29.09 -3.30 0.00	29.55 -3.47 0.00	31.89 -3.82 0.00	35.06 -4.83 0.00	38.97 -5.42 0.00	36.81 -5.45 0.01	35.52 -5.08 0.00	35.02 -4.38 0.08	34.54 -4.41 0.39	34.82 -4.21 0.35	35.66 -3.96 0.38	36.32 -4.43 0.62	35.00 -4.24 0.37	39.35 -4.90 1.12	46.35 -5.75 2.16	52.09 -5.81 2.63	54.26 -5.98 2.74	53.29 -6.77 3.25	46.43 -5.64 2.19	40.35 -5.16 1.39	35.03 -4.30 0.48
NIAGARA___115KV_198_GIBSON 55903	34.57 -5.08 0.00	31.84 -4.42 0.00	30.00 -4.09 0.00	28.54 -3.85 0.00	29.02 -3.99 0.00	31.32 -4.39 0.00	34.06 -5.82 0.00	38.26 -6.13 0.00	36.09 -6.17 0.01	34.87 -5.72 0.00	34.12 -5.29 0.07	33.99 -4.96 0.39	34.27 -4.77 0.34	35.06 -4.56 0.37	35.58 -5.17 0.62	34.41 -4.83 0.36	38.41 -5.85 1.11	45.56 -6.57 2.14	50.65 -7.26 2.61	52.77 -7.49 2.72	52.23 -7.85 3.23	45.14 -6.95 2.17	39.57 -5.96 1.37	34.52 -4.82 0.47
NIAGARA____ 23760	35.21 -4.44 0.00	32.45 -3.81 0.00	30.58 -3.51 0.00	29.09 -3.30 0.00	29.55 -3.47 0.00	31.89 -3.82 0.00	35.06 -4.83 0.00	38.97 -5.42 0.00	36.81 -5.45 0.01	35.52 -5.08 0.00	35.02 -4.38 0.08	34.55 -4.41 0.39	34.83 -4.21 0.34	35.66 -3.96 0.37	36.33 -4.43 0.62	35.00 -4.24 0.36	39.36 -4.90 1.11	46.37 -5.75 2.14	52.11 -5.81 2.60	54.28 -5.98 2.72	53.32 -6.77 3.22	46.45 -5.64 2.17	40.37 -5.16 1.37	35.04 -4.30 0.47
NINE_MILE_1 23575	38.42 -1.23 0.00	35.17 -1.09 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.02 -0.99 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.21 -1.38 0.00	37.53 -1.42 0.53	35.05 -1.41 2.88	35.45 -1.42 2.52	35.84 -1.40 2.76	35.37 -1.45 4.55	35.43 -1.42 2.75	35.36 -1.63 8.38	36.21 -1.90 16.15	38.87 -2.00 19.66	40.53 -1.95 20.50	36.87 -2.15 24.29	36.12 -1.79 16.35	34.87 -1.64 10.38	34.83 -1.39 3.59

NINE_MILE_2 23744	38.42 -1.23 0.00	35.17 -1.09 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.02 -0.99 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.21 -1.38 0.00	37.56 -1.38 0.54	35.01 -1.41 2.92	35.41 -1.42 2.55	35.80 -1.40 2.79	35.31 -1.45 4.61	35.40 -1.42 2.78	35.25 -1.63 8.48	36.06 -1.85 16.36	38.61 -2.00 19.92	40.26 -1.95 20.77	36.55 -2.15 24.61	35.91 -1.79 16.56	34.74 -1.64 10.52	34.79 -1.39 3.63
NM_CAPITAL___DRP 24208	40.09 0.44 0.00	36.77 0.51 0.00	34.67 0.58 0.00	32.88 0.49 0.00	33.48 0.46 0.00	36.11 0.39 0.00	40.53 0.64 0.00	45.10 0.71 0.00	42.99 0.72 0.00	41.32 0.73 0.00	40.27 0.79 0.00	40.17 0.83 0.00	40.21 0.83 0.00	40.88 0.88 0.00	42.36 0.99 0.00	40.67 1.07 0.00	46.50 1.13 0.00	55.57 1.30 0.00	61.80 1.27 0.00	64.18 1.20 0.00	64.13 0.82 0.00	55.02 0.76 0.00	47.51 0.61 0.00	40.41 0.60 0.00
NM_CENTRAL___DRP 24181	39.13 -0.52 0.00	35.82 -0.44 0.00	33.72 -0.38 0.00	32.04 -0.36 0.00	32.62 -0.40 0.00	35.28 -0.43 0.00	39.41 -0.48 0.00	43.81 -0.58 0.00	41.60 -0.68 0.00	39.98 -0.61 0.00	38.78 -0.67 0.03	38.52 -0.67 0.16	38.57 -0.67 0.14	39.21 -0.64 0.15	40.46 -0.66 0.25	38.82 -0.63 0.15	44.13 -0.77 0.47	52.60 -0.76 0.90	58.64 -0.79 1.10	61.21 -0.63 1.14	61.13 -0.82 1.36	52.65 -0.71 0.91	45.61 -0.70 0.58	38.98 -0.64 0.20
NM_FRONTIER___DRP 24179	34.57 -5.08 0.00	31.84 -4.42 0.00	30.00 -4.09 0.00	28.54 -3.85 0.00	29.02 -3.99 0.00	31.32 -4.39 0.00	34.06 -5.82 0.00	38.26 -6.13 0.00	36.09 -6.17 0.01	34.87 -5.72 0.00	34.12 -5.29 0.07	33.99 -4.96 0.39	34.27 -4.77 0.34	35.06 -4.56 0.37	35.58 -5.17 0.62	34.41 -4.83 0.36	38.41 -5.85 1.11	45.56 -6.57 2.14	50.65 -7.26 2.61	52.77 -7.49 2.72	52.23 -7.85 3.23	45.14 -6.95 2.17	39.57 -5.96 1.37	34.52 -4.82 0.47
NM_ST_REGIS___HYD 24053	39.73 0.08 0.00	36.22 -0.04 0.00	33.92 -0.17 0.00	32.30 -0.10 0.00	33.01 0.00 0.00	35.78 0.07 0.00	39.89 0.00 0.00	44.26 -0.13 0.00	41.98 -0.30 0.00	40.19 -0.41 0.00	38.89 -0.59 0.00	38.63 -0.71 0.00	38.36 -1.02 0.00	38.68 -1.32 0.00	39.84 -1.53 0.00	38.06 -1.54 0.00	43.65 -1.72 0.00	52.09 -2.17 0.00	58.83 -1.69 0.00	61.66 -1.32 0.00	62.49 -0.82 0.00	53.67 -0.60 0.00	46.47 -0.42 0.00	39.73 -0.08 0.00
NORTHPORT___1 23551	42.19 2.54 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.03 1.32 0.00	41.88 1.99 0.00	47.23 2.84 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.64 4.14 -0.02	47.15 4.17 -3.64	48.27 4.25 -4.64	48.92 4.32 -4.60	49.90 4.34 -4.19	51.70 4.00 -8.10	51.76 4.99 -1.40	61.69 5.81 -1.62	66.62 5.33 -0.77	69.29 4.92 -1.40	66.91 3.61 0.01	57.19 2.93 0.01	49.90 3.00 0.00	43.08 3.27 0.00
NORTHPORT___2 23552	42.19 2.54 0.00	38.54 2.29 0.00	36.07 1.98 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.03 1.32 0.00	41.88 1.99 0.00	47.23 2.84 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.64 4.14 -0.02	47.15 4.17 -3.64	48.27 4.25 -4.64	48.92 4.32 -4.60	49.90 4.34 -4.19	51.70 4.00 -8.10	51.76 4.99 -1.40	61.69 5.81 -1.62	66.62 5.33 -0.77	69.29 4.92 -1.40	66.91 3.61 0.01	57.19 2.93 0.01	49.90 3.00 0.00	43.08 3.27 0.00
NORTHPORT___3 23553	42.15 2.50 0.00	38.54 2.29 0.00	36.03 1.94 0.00	34.05 1.65 0.00	34.63 1.62 0.00	37.03 1.32 0.00	41.88 1.99 0.00	47.23 2.84 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.61 4.11 -0.02	47.15 4.17 -3.64	48.27 4.25 -4.64	48.92 4.32 -4.60	49.90 4.34 -4.19	51.69 4.00 -8.09	51.70 4.95 -1.39	61.68 5.81 -1.61	66.61 5.33 -0.76	69.22 4.85 -1.39	66.85 3.54 0.01	57.13 2.87 0.01	49.90 3.00 0.00	43.04 3.22 0.00
NORTHPORT___4 23650	42.15 2.50 0.00	38.54 2.29 0.00	36.03 1.94 0.00	34.05 1.65 0.00	34.63 1.62 0.00	37.03 1.32 0.00	41.88 1.99 0.00	47.23 2.84 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.61 4.11 -0.02	47.15 4.17 -3.64	48.27 4.25 -4.64	48.92 4.32 -4.60	49.90 4.34 -4.19	51.69 4.00 -8.09	51.70 4.95 -1.39	61.68 5.81 -1.61	66.61 5.33 -0.76	69.22 4.85 -1.39	66.85 3.54 0.01	57.13 2.87 0.01	49.90 3.00 0.00	43.04 3.22 0.00
NORTHPORT___IC 23718	42.19 2.54 0.00	38.51 2.25 0.00	36.24 2.15 0.00	34.31 1.91 0.00	34.66 1.65 0.00	37.03 1.32 0.00	42.28 2.39 0.00	47.23 2.84 0.00	45.78 3.51 0.00	43.96 3.37 0.00	43.68 4.19 -0.02	47.15 4.17 -3.64	48.27 4.25 -4.64	48.92 4.32 -4.60	49.98 4.43 -4.19	51.70 4.00 -8.10	51.76 4.99 -1.40	61.69 5.81 -1.62	66.74 5.45 -0.77	69.54 5.16 -1.40	66.91 3.61 0.01	57.24 2.98 0.01	50.04 3.14 0.00	43.00 3.19 0.00
NORTH___COUNTRY_ESR 323785	39.73 0.08 0.00	36.22 -0.04 0.00	33.96 -0.14 0.00	32.36 -0.03 0.00	33.01 0.00 0.00	35.78 0.07 0.00	39.85 -0.04 0.00	44.30 -0.09 0.00	42.15 -0.13 0.00	40.39 -0.20 0.00	39.16 -0.32 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.36 -0.64 0.00	40.62 -0.74 0.00	38.81 -0.79 0.00	44.46 -0.91 0.00	53.07 -1.19 0.00	59.62 -0.91 0.00	62.23 -0.75 0.00	62.80 -0.51 0.00	53.83 -0.44 0.00	46.57 -0.33 0.00	39.62 -0.20 0.00
NPX_GEN_1385_PROXY 323591	42.03 2.38 0.00	38.43 2.18 0.00	35.93 1.84 0.00	33.95 1.55 0.00	34.53 1.52 0.00	37.18 1.46 0.00	42.28 2.39 0.00	47.10 2.71 0.00	45.58 3.30 0.00	43.88 3.29 0.00	43.57 4.07 -0.02	46.95 3.97 -3.64	47.92 3.90 -4.64	48.56 3.96 -4.60	49.28 3.72 -4.19	51.23 3.52 -8.10	50.99 4.22 -1.40	61.69 5.81 -1.62	66.02 4.72 -0.77	67.97 3.59 -1.40	66.72 3.42 0.01	57.02 2.77 0.01	49.76 2.86 0.00	43.08 3.27 0.00
NPX_GEN_CSC 323557	42.23 2.58 0.00	38.65 2.39 0.00	36.07 1.98 0.00	34.17 1.78 0.00	34.63 1.62 0.00	36.89 1.18 0.00	41.52 1.64 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.49 3.99 -0.02	47.03 4.05 -3.64	48.19 4.17 -4.64	48.92 4.32 -4.60	50.07 4.51 -4.19	52.25 4.16 -8.48	52.46 5.44 -1.65	62.47 6.29 -1.91	67.30 5.87 -0.91	69.98 5.35 -1.65	67.10 3.80 0.00	57.40 3.15 0.01	50.13 3.23 0.00	43.40 3.58 0.00
NSINS_S___GLNS_FALLS 23858	42.07 2.42 0.00	38.65 2.39 0.00	36.38 2.28 0.00	34.50 2.11 0.00	35.16 2.15 0.00	38.03 2.32 0.00	42.60 2.71 0.00	47.32 2.93 0.00	44.77 2.49 0.00	42.82 2.23 0.00	41.26 1.78 0.00	41.07 1.73 0.00	40.92 1.54 0.00	41.48 1.48 0.00	43.02 1.65 0.00	41.35 1.74 0.00	46.46 1.09 0.00	55.57 1.30 0.00	63.01 2.48 0.00	65.88 2.90 0.00	66.48 3.17 0.00	56.81 2.55 0.00	48.91 2.02 0.00	41.45 1.63 0.00
NUCOR_STEEL___DRP 24197	39.57 -0.08 0.00	36.22 -0.04 0.00	34.06 -0.03 0.00	32.39 0.00 0.00	32.98 -0.03 0.00	35.64 -0.07 0.00	39.81 -0.08 0.00	44.43 0.04 0.00	42.11 -0.17 0.00	40.39 -0.20 0.00	39.20 -0.28 0.00	39.03 -0.31 0.00	39.07 -0.32 0.00	39.68 -0.32 0.00	41.08 -0.29 0.00	39.09 -0.51 0.00	44.78 -0.59 0.00	53.78 -0.49 0.00	60.22 -0.30 0.00	62.98 0.00 0.00	63.12 -0.19 0.00	54.16 -0.11 0.00	46.66 -0.23 0.00	39.62 -0.20 0.00

NUMBER_THREE_WT_PWR 323818	40.32 0.67 0.00	36.87 0.62 0.00	34.64 0.54 0.00	32.98 0.58 0.00	33.57 0.56 0.00	36.46 0.75 0.00	40.73 0.84 0.00	45.14 0.75 0.00	42.49 0.21 0.00	40.63 0.04 0.00	39.28 -0.20 0.00	39.02 -0.32 0.00	38.67 -0.71 0.00	39.08 -0.92 0.00	40.37 -0.99 0.00	38.62 -0.99 0.00	44.33 -1.04 0.00	53.50 -0.76 0.00	60.59 0.06 0.00	64.05 1.07 0.00	64.83 1.52 0.00	55.67 1.41 0.00	47.93 1.03 0.00	40.85 1.03 0.00
NYISO_LBMP_REFERENCE 24008	39.65 0.00 0.00	36.26 0.00 0.00	34.09 0.00 0.00	32.39 0.00 0.00	33.01 0.00 0.00	35.71 0.00 0.00	39.89 0.00 0.00	44.39 0.00 0.00	42.28 0.00 0.00	40.59 0.00 0.00	39.48 0.00 0.00	39.34 0.00 0.00	39.38 0.00 0.00	40.00 0.00 0.00	41.37 0.00 0.00	39.60 0.00 0.00	45.37 0.00 0.00	54.26 0.00 0.00	60.53 0.00 0.00	62.98 0.00 0.00	63.31 0.00 0.00	54.26 0.00 0.00	46.90 0.00 0.00	39.81 0.00 0.00
NYPA_BRENTWD____GT 24164	42.66 3.01 0.00	39.01 2.75 0.00	36.44 2.35 0.00	34.40 2.01 0.00	35.03 2.01 0.00	37.39 1.68 0.00	42.24 2.35 0.00	47.72 3.33 0.00	46.25 3.97 0.00	44.41 3.81 0.00	44.12 4.62 -0.02	47.66 4.68 -3.64	48.78 4.76 -4.64	49.48 4.88 -4.60	50.56 5.00 -4.19	53.23 4.67 -8.95	53.18 5.86 -1.96	63.21 6.67 -2.27	67.95 6.35 -1.08	70.86 5.92 -1.96	67.80 4.50 0.00	58.11 3.85 0.00	50.60 3.70 0.00	43.60 3.78 0.00
NYPA_GOWANUS____GT5 24156	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NYPA_GOWANUS____GT6 24157	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.90 4.28 -6.02	56.83 5.13 -6.34	60.24 5.97 -0.01	65.98 5.45 -0.01	68.08 5.10 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NYPA_HARLEM__RVR__GT1 24160	41.67 2.02 0.00	38.22 1.96 0.00	35.93 1.84 0.00	33.82 1.42 0.00	34.43 1.42 0.00	36.95 1.25 0.01	41.87 1.99 0.01	47.18 2.80 0.01	45.48 3.21 0.01	43.67 3.08 0.01	43.07 3.59 0.01	42.99 3.66 0.01	43.69 3.82 -0.49	45.36 3.88 -1.49	49.57 4.01 -4.19	49.53 3.92 -6.00	50.71 4.72 -0.62	59.58 5.32 0.01	65.24 4.72 0.01	67.26 4.28 0.01	66.72 3.42 0.01	57.13 2.87 0.01	49.65 2.77 0.01	42.16 2.35 0.00
NYPA_HARLEM__RVR__GT2 24161	41.67 2.02 0.00	38.22 1.96 0.00	35.93 1.84 0.00	33.82 1.42 0.00	34.43 1.42 0.00	36.95 1.25 0.01	41.87 1.99 0.01	47.18 2.80 0.01	45.48 3.21 0.01	43.67 3.08 0.01	43.07 3.59 0.01	42.99 3.66 0.01	43.69 3.82 -0.49	45.36 3.88 -1.49	49.57 4.01 -4.19	49.53 3.92 -6.00	50.71 4.72 -0.62	59.58 5.32 0.01	65.24 4.72 0.01	67.26 4.28 0.01	66.72 3.42 0.01	57.13 2.87 0.01	49.65 2.77 0.01	42.16 2.35 0.00
NYPA_KENT____GT 24152	41.83 2.18 0.00	38.36 2.10 0.00	36.10 2.01 0.00	33.98 1.59 0.00	34.60 1.58 0.00	37.18 1.46 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.20 3.86 0.00	43.85 3.98 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.61 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.11 3.80 0.00	57.46 3.20 0.00	49.90 3.00 0.00	42.32 2.51 0.00
NYPA_POUCH1____GT 24155	41.91 2.26 0.00	38.43 2.18 0.00	36.14 2.05 0.00	34.08 1.68 0.00	34.66 1.65 0.00	37.10 1.39 0.00	42.00 2.11 0.00	47.36 2.97 0.00	45.58 3.30 0.00	43.76 3.17 0.00	43.27 3.79 0.00	43.24 3.90 0.00	43.97 4.10 -0.49	45.69 4.20 -1.50	49.99 4.43 -4.20	49.86 4.24 -6.02	56.75 5.04 -6.34	60.19 5.92 -0.01	65.92 5.38 -0.01	68.02 5.04 0.00	67.55 4.24 0.00	57.85 3.58 -0.01	50.23 3.33 -0.01	42.57 2.75 -0.01
NYPA_VERNON____GT2 24162	41.75 2.10 0.00	38.29 2.03 0.00	36.03 1.94 0.00	33.98 1.59 0.00	34.60 1.58 0.00	37.18 1.46 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.20 3.86 0.00	43.85 3.98 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.61 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.11 3.80 0.00	57.46 3.20 0.00	49.90 3.00 0.00	42.32 2.51 0.00
NYPA_VERNON____GT3 24163	41.75 2.10 0.00	38.29 2.03 0.00	36.03 1.94 0.00	33.98 1.59 0.00	34.60 1.58 0.00	37.18 1.46 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.20 3.86 0.00	43.85 3.98 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.61 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.11 3.80 0.00	57.46 3.20 0.00	49.90 3.00 0.00	42.32 2.51 0.00
NYPA__ASTORIA_CC1 323568	41.71 2.06 0.00	38.25 1.99 0.00	36.00 1.91 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.00 2.11 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.19 3.71 0.00	43.16 3.81 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.54 0.00	65.43 4.90 0.00	67.52 4.54 0.00	66.98 3.67 0.00	57.36 3.09 0.00	49.85 2.96 0.00	42.28 2.47 0.00
NYPA__ASTORIA_CC2 323569	41.71 2.06 0.00	38.25 1.99 0.00	36.00 1.91 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.00 2.11 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.19 3.71 0.00	43.16 3.81 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.42 4.72 -6.33	59.80 5.54 0.00	65.43 4.90 0.00	67.52 4.54 0.00	66.98 3.67 0.00	57.36 3.09 0.00	49.85 2.96 0.00	42.28 2.47 0.00
NYPA__HOLTSVILL 23794	42.31 2.66 0.00	38.69 2.43 0.00	36.17 2.08 0.00	34.17 1.78 0.00	34.73 1.72 0.00	37.03 1.32 0.00	41.80 1.91 0.00	47.27 2.88 0.00	45.83 3.55 0.00	44.00 3.41 0.00	43.68 4.18 -0.02	47.23 4.25 -3.64	48.39 4.37 -4.64	49.08 4.48 -4.60	50.19 4.63 -4.19	52.37 4.32 -8.45	52.49 5.49 -1.63	62.44 6.29 -1.89	67.23 5.81 -0.89	70.03 5.42 -1.63	67.23 3.93 0.01	57.57 3.31 0.01	50.18 3.28 0.00	43.36 3.54 0.00
NYPA__HELLGATE_GT1 24158	41.67 2.02 0.00	38.22 1.96 0.00	35.93 1.84 0.00	33.82 1.42 0.00	34.43 1.42 0.00	36.95 1.25 0.01	41.87 1.99 0.01	47.18 2.80 0.01	45.48 3.21 0.01	43.67 3.08 0.01	43.07 3.59 0.01	42.99 3.66 0.01	43.69 3.82 -0.49	45.36 3.88 -1.49	49.57 4.01 -4.19	49.53 3.92 -6.00	49.52 4.72 0.57	59.58 5.32 0.01	65.24 4.72 0.01	67.26 4.28 0.01	66.72 3.42 0.01	57.13 2.87 0.01	49.65 2.77 0.01	42.16 2.35 0.00

NYPA_____HELLGATE_GT2 24159	41.67 2.02 0.00	38.22 1.96 0.00	35.93 1.84 0.00	33.82 1.42 0.00	34.43 1.42 0.00	36.95 1.25 0.01	41.87 1.99 0.01	47.18 2.80 0.01	45.48 3.21 0.01	43.67 3.08 0.01	43.07 3.59 0.01	42.99 3.66 0.01	43.69 3.82 -0.49	45.36 3.88 -1.49	49.57 4.01 -4.19	49.53 3.92 -6.00	49.52 4.72 0.57	59.58 5.32 0.01	65.24 4.72 0.01	67.26 4.28 0.01	66.72 3.42 0.01	57.13 2.87 0.01	49.65 2.77 0.01	42.16 2.35 0.00
NYS_BARGE____HYD 23848	35.65 -4.00 0.00	32.89 -3.37 0.00	30.79 -3.31 0.00	29.51 -2.88 0.00	29.98 -3.04 0.00	32.32 -3.39 0.00	35.38 -4.51 0.00	39.29 -5.10 0.00	37.02 -5.24 0.01	35.76 -4.83 0.00	35.26 -4.14 0.08	34.74 -4.21 0.39	35.06 -3.98 0.34	35.82 -3.80 0.37	36.53 -4.22 0.62	35.16 -4.08 0.36	39.55 -4.72 1.10	46.71 -5.43 2.13	52.61 -5.33 2.59	54.93 -5.35 2.70	53.84 -6.27 3.20	46.90 -5.21 2.16	40.65 -4.88 1.37	35.32 -4.02 0.47
OAK ORCHARD____HYD 24046	37.51 -2.14 0.00	34.37 -1.89 0.00	32.35 -1.74 0.00	30.78 -1.62 0.00	31.33 -1.68 0.00	33.82 -1.89 0.00	37.62 -2.27 0.00	41.77 -2.62 0.00	39.53 -2.75 0.00	38.16 -2.43 0.00	37.51 -1.89 0.08	36.92 -2.00 0.41	37.17 -1.85 0.36	37.88 -1.72 0.40	38.73 -1.98 0.65	37.28 -1.94 0.38	41.98 -2.22 1.17	49.63 -2.39 2.25	55.79 -2.00 2.74	58.24 -1.89 2.85	57.40 -2.53 3.38	49.87 -2.12 2.27	43.20 -2.25 1.44	37.40 -1.91 0.50
OAKDALE____35_KV_LOAD 356122	39.61 -0.04 0.00	36.30 0.04 0.00	34.13 0.03 0.00	32.46 0.06 0.00	33.01 0.00 0.00	35.68 -0.04 0.00	39.85 -0.04 0.00	44.39 0.00 0.00	42.15 -0.13 0.00	40.47 -0.12 0.00	39.31 -0.16 0.02	39.09 -0.16 0.10	39.14 -0.16 0.08	39.83 -0.08 0.09	41.13 -0.08 0.15	39.39 -0.12 0.09	45.00 -0.09 0.28	53.73 0.00 0.53	59.94 0.06 0.65	62.49 0.19 0.68	62.51 0.00 0.80	53.72 0.00 0.54	46.41 -0.14 0.34	39.58 -0.12 0.12
OCC_CHEM____DRP 24175	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
OH_GEN_PROXY 24063	35.01 -4.40 0.24	32.05 -3.77 0.44	30.11 -3.51 0.47	29.08 -3.27 0.04	29.30 -3.43 0.28	30.25 -3.79 1.68	33.21 -4.79 1.89	39.06 -5.33 0.00	36.90 -5.37 0.01	35.60 -4.99 0.00	35.10 -4.30 0.08	34.62 -4.33 0.40	34.90 -4.13 0.35	35.70 -3.92 0.38	36.40 -4.34 0.62	35.04 -4.20 0.37	39.44 -4.81 1.12	46.51 -5.59 2.16	52.20 -5.69 2.63	54.38 -5.86 2.75	53.41 -6.65 3.25	46.53 -5.54 2.20	40.44 -5.07 1.39	35.07 -4.26 0.48
OLIN_CORP_DRP 24177	35.05 -4.60 0.00	32.42 -3.84 0.00	30.55 -3.55 0.00	29.09 -3.30 0.00	29.55 -3.47 0.00	31.78 -3.93 0.00	34.26 -5.62 0.00	38.49 -5.90 0.00	36.30 -5.96 0.01	35.03 -5.56 0.00	34.24 -5.17 0.07	34.12 -4.84 0.38	34.40 -4.65 0.34	35.19 -4.44 0.37	35.71 -5.05 0.61	34.53 -4.71 0.36	38.47 -5.81 1.09	45.70 -6.46 2.10	50.94 -7.02 2.56	53.13 -7.18 2.67	52.55 -7.60 3.16	45.40 -6.73 2.14	39.68 -5.86 1.35	34.69 -4.66 0.47
OLIN_CORP_DSASP 323712	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
ONEIDA_HERK_LFGE 323681	40.40 0.75 0.00	36.95 0.69 0.00	34.74 0.65 0.00	33.04 0.65 0.00	33.61 0.59 0.00	36.50 0.78 0.00	40.76 0.88 0.00	45.28 0.89 0.00	42.78 0.51 0.00	40.96 0.36 0.00	39.64 0.16 0.00	39.46 0.12 0.00	39.26 -0.12 0.00	39.76 -0.24 0.00	41.12 -0.25 0.00	39.33 -0.28 0.00	45.14 -0.23 0.00	54.37 0.11 0.00	61.31 0.78 0.00	64.56 1.58 0.00	64.95 1.64 0.00	55.78 1.52 0.00	48.02 1.12 0.00	40.85 1.03 0.00
ONEIDA____115KV_TB4 55905	40.32 0.67 0.00	36.91 0.65 0.00	34.71 0.61 0.00	33.01 0.62 0.00	33.58 0.56 0.00	36.39 0.68 0.00	40.65 0.76 0.00	45.19 0.80 0.00	42.74 0.47 0.00	41.00 0.41 0.00	39.70 0.24 0.02	39.49 0.24 0.08	39.47 0.16 0.07	40.04 0.12 0.08	41.36 0.12 0.13	39.64 0.12 0.08	45.35 0.23 0.25	54.39 0.60 0.47	61.04 1.09 0.58	64.02 1.64 0.60	64.12 1.52 0.71	55.14 1.36 0.48	47.58 0.98 0.30	40.58 0.88 0.11
ONONDAGA_REF_OCCRA 23987	39.33 -0.32 0.00	36.00 -0.25 0.00	33.85 -0.24 0.00	32.17 -0.23 0.00	32.75 -0.26 0.00	35.43 -0.29 0.00	39.57 -0.32 0.00	43.99 -0.40 0.00	41.77 -0.51 0.00	40.14 -0.45 0.00	38.95 -0.51 0.02	38.68 -0.55 0.11	38.77 -0.51 0.10	39.37 -0.52 0.11	40.69 -0.50 0.18	39.02 -0.48 0.11	44.44 -0.59 0.34	53.06 -0.54 0.66	59.24 -0.48 0.81	61.83 -0.31 0.84	61.87 -0.44 0.99	53.21 -0.38 0.67	46.00 -0.47 0.43	39.23 -0.44 0.15
ONONDAGA____COGEN 23986	39.41 -0.24 0.00	36.08 -0.18 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.17 0.00	35.50 -0.21 0.00	39.65 -0.24 0.00	44.08 -0.31 0.00	41.85 -0.42 0.00	40.23 -0.37 0.00	39.01 -0.47 0.00	38.83 -0.51 0.00	38.91 -0.47 0.00	39.52 -0.48 0.00	40.91 -0.46 0.00	39.13 -0.48 0.00	44.78 -0.59 0.00	53.72 -0.54 0.00	60.04 -0.48 0.00	62.67 -0.31 0.00	62.87 -0.44 0.00	53.88 -0.38 0.00	46.47 -0.42 0.00	39.42 -0.40 0.00
ONTARIO____LFGE 23819	39.06 -0.59 0.00	35.75 -0.51 0.00	33.61 -0.48 0.00	31.97 -0.42 0.00	32.55 -0.46 0.00	35.21 -0.50 0.00	39.33 -0.56 0.00	43.10 -1.29 0.00	40.72 -1.56 -0.01	39.09 -1.50 0.00	37.98 -1.46 0.05	37.56 -1.53 0.25	37.67 -1.50 0.22	38.32 -1.44 0.24	39.49 -1.49 0.39	37.87 -1.50 0.23	43.04 -1.63 0.70	51.23 -1.68 1.35	57.55 -1.33 1.64	60.26 -1.01 1.71	59.89 -1.39 2.03	52.14 -0.76 1.37	45.23 -0.80 0.87	38.80 -0.72 0.30
ORANGEVILLE_WT_PWR 323706	36.76 -2.89 0.00	33.79 -2.47 0.00	31.77 -2.32 0.00	30.29 -2.11 0.00	30.77 -2.25 0.00	33.21 -2.50 0.00	36.66 -3.23 0.00	40.53 -3.86 0.00	38.10 -4.14 0.04	36.69 -3.90 0.00	35.79 -3.63 0.06	35.36 -3.66 0.32	35.59 -3.51 0.28	36.33 -3.36 0.31	37.14 -3.72 0.51	35.74 -3.56 0.30	40.38 -4.08 0.91	47.79 -4.72 1.76	53.79 -4.60 2.14	56.41 -4.34 2.23	55.73 -4.94 2.64	48.36 -4.13 1.78	41.92 -3.84 1.13	36.20 -3.22 0.39
ORANGEVILLE____ESR 323794	36.76 -2.89 0.00	33.79 -2.47 0.00	31.77 -2.32 0.00	30.29 -2.11 0.00	30.77 -2.25 0.00	33.21 -2.50 0.00	36.66 -3.23 0.00	40.53 -3.86 0.00	38.10 -4.14 0.04	36.69 -3.90 0.00	35.79 -3.63 0.06	35.36 -3.66 0.32	35.59 -3.51 0.28	36.33 -3.36 0.31	37.14 -3.72 0.51	35.74 -3.56 0.30	40.38 -4.08 0.91	47.79 -4.72 1.76	53.79 -4.60 2.14	56.41 -4.34 2.23	55.73 -4.94 2.64	48.36 -4.13 1.78	41.92 -3.84 1.13	36.20 -3.22 0.39

OSWEGATCHIE___HYD 24044	39.81 0.16 0.00	36.33 0.07 0.00	34.06 -0.03 0.00	32.46 0.06 0.00	33.08 0.07 0.00	35.93 0.22 0.00	40.05 0.16 0.00	44.39 0.00 0.00	41.94 -0.34 0.00	40.11 -0.49 0.00	38.77 -0.71 0.00	38.51 -0.83 0.00	38.20 -1.18 0.00	38.52 -1.48 0.00	39.75 -1.61 0.00	37.98 -1.63 0.00	43.60 -1.77 0.00	52.36 -1.90 0.00	59.25 -1.27 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.32 0.05 0.00	46.94 0.05 0.00	40.09 0.28 0.00
OSWEGO___5 23606	38.70 -0.95 0.00	35.43 -0.83 0.00	33.31 -0.78 0.00	31.65 -0.74 0.00	32.26 -0.76 0.00	34.86 -0.86 0.00	38.93 -0.96 0.00	43.24 -1.15 0.00	41.09 -1.18 0.00	39.50 -1.09 0.00	38.55 -1.15 -0.21	39.35 -1.14 -1.16	39.25 -1.14 -1.01	39.94 -1.16 -1.11	42.03 -1.16 -1.82	39.56 -1.15 -1.10	47.41 -1.32 -3.36	59.22 -1.52 -6.47	66.90 -1.51 -7.88	69.68 -1.51 -8.22	71.40 -1.65 -9.73	59.41 -1.41 -6.55	49.74 -1.31 -4.16	40.14 -1.11 -1.44
OSWEGO___6 23613	38.70 -0.95 0.00	35.43 -0.83 0.00	33.31 -0.78 0.00	31.65 -0.74 0.00	32.26 -0.76 0.00	34.86 -0.86 0.00	38.93 -0.96 0.00	43.24 -1.15 0.00	41.09 -1.18 0.00	39.50 -1.09 0.00	38.55 -1.15 -0.21	39.35 -1.14 -1.16	39.25 -1.14 -1.01	39.94 -1.16 -1.11	42.03 -1.16 -1.82	39.56 -1.15 -1.10	47.41 -1.32 -3.36	59.22 -1.52 -6.47	66.90 -1.51 -7.88	69.68 -1.51 -8.22	71.40 -1.65 -9.73	59.41 -1.41 -6.55	49.74 -1.31 -4.16	40.14 -1.11 -1.44
OUTOKUMPU-AB___DRP 24206	35.57 -4.08 0.00	32.78 -3.48 0.00	30.89 -3.20 0.00	29.38 -3.01 0.00	29.84 -3.17 0.00	32.25 -3.46 0.00	35.10 -4.79 0.00	39.29 -5.10 0.00	37.07 -5.20 0.01	35.84 -4.75 0.00	34.99 -4.42 0.07	34.79 -4.17 0.38	35.11 -3.94 0.33	35.87 -3.76 0.37	36.46 -4.30 0.60	35.25 -4.00 0.35	39.39 -4.90 1.08	46.80 -5.37 2.09	52.23 -5.75 2.55	54.53 -5.79 2.66	53.89 -6.27 3.15	46.44 -5.70 2.12	40.58 -4.97 1.34	35.37 -3.98 0.46
OXBOW___BTM 323836	35.17 -4.48 0.00	32.38 -3.88 0.00	30.79 -3.31 0.00	29.06 -3.34 0.00	29.48 -3.53 0.00	31.85 -3.86 0.00	35.02 -4.87 0.00	38.88 -5.51 0.00	36.68 -5.58 0.01	35.44 -5.16 0.00	34.98 -4.42 0.08	34.47 -4.49 0.39	34.79 -4.25 0.34	35.59 -4.04 0.37	36.25 -4.51 0.61	34.93 -4.32 0.36	39.29 -4.99 1.09	46.29 -5.86 2.11	52.08 -5.87 2.58	54.25 -6.05 2.69	53.23 -6.90 3.18	46.36 -5.75 2.15	40.29 -5.25 1.35	34.97 -4.38 0.47
OXBOW___ 24026	35.17 -4.48 0.00	32.38 -3.88 0.00	30.51 -3.58 0.00	29.03 -3.37 0.00	29.48 -3.53 0.00	31.86 -3.86 0.00	34.66 -5.23 0.00	38.89 -5.50 0.00	36.69 -5.58 0.01	35.44 -5.16 0.00	34.63 -4.78 0.07	34.47 -4.48 0.39	34.79 -4.25 0.34	35.59 -4.04 0.37	36.13 -4.63 0.61	34.93 -4.32 0.36	39.01 -5.26 1.09	46.34 -6.29 2.11	51.66 -5.81 2.58	53.81 -6.49 2.69	53.22 -6.90 3.18	45.93 -6.19 2.15	40.20 -5.35 1.35	35.05 -4.30 0.47
OXY_CHEM_DSASP 323612	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
OZONE_PARK_ESR 323760	42.03 2.38 0.00	38.51 2.25 0.00	36.27 2.18 0.00	34.44 2.04 0.00	34.83 1.82 0.00	37.46 1.75 0.00	42.48 2.59 0.00	47.76 3.37 0.00	46.04 3.76 0.00	44.16 3.57 0.00	43.59 4.11 0.00	43.47 4.13 0.00	44.09 4.21 -0.49	45.81 4.32 -1.50	50.07 4.51 -4.20	49.89 4.28 -6.01	56.89 5.26 -6.26	60.40 6.13 0.00	66.28 5.75 0.00	68.46 5.48 0.00	67.87 4.56 0.00	58.12 3.85 0.00	50.37 3.47 0.00	42.60 2.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.65 -5.00 0.00	31.91 -4.35 0.00	30.07 -4.02 0.00	28.60 -3.79 0.00	29.09 -3.93 0.00	31.39 -4.32 0.00	34.14 -5.74 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.20 -5.21 0.07	34.07 -4.88 0.39	34.35 -4.69 0.34	35.14 -4.48 0.37	35.66 -5.09 0.62	34.49 -4.75 0.36	38.50 -5.76 1.10	45.67 -6.46 2.14	50.84 -7.08 2.60	52.90 -7.37 2.72	52.36 -7.72 3.22	45.26 -6.84 2.17	39.67 -5.86 1.37	34.60 -4.74 0.47
PACKARD___115KV_DUPONT_184 80571	34.65 -5.00 0.00	31.91 -4.35 0.00	30.48 -3.61 0.00	28.64 -3.76 0.00	29.08 -3.93 0.00	31.39 -4.32 0.00	34.50 -5.39 0.00	38.35 -6.04 0.00	36.18 -6.09 0.01	34.95 -5.64 0.00	34.55 -4.86 0.08	34.07 -4.88 0.39	34.35 -4.69 0.34	35.15 -4.48 0.37	35.79 -4.97 0.62	34.49 -4.75 0.36	38.77 -5.49 1.10	45.67 -6.46 2.14	51.26 -6.66 2.60	53.40 -6.86 2.72	52.36 -7.73 3.22	45.75 -6.35 2.17	39.80 -5.72 1.37	34.56 -4.78 0.47
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.71 2.06 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.47 1.45 0.00	37.00 1.29 0.00	41.92 2.03 0.00	47.19 2.80 0.00	45.49 3.21 0.00	43.64 3.04 0.00	43.11 3.63 0.00	43.00 3.66 0.00	43.66 3.78 -0.49	45.33 3.84 -1.50	49.58 4.01 -4.20	49.46 3.84 -6.01	49.98 4.58 -0.03	59.58 5.32 0.00	65.37 4.84 0.00	67.39 4.41 0.00	66.79 3.48 0.00	57.25 2.98 0.00	49.71 2.81 0.00	42.16 2.35 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.39 2.74 0.00	38.87 2.61 0.00	36.61 2.52 0.00	34.73 2.33 0.00	35.03 2.01 0.00	37.61 1.89 0.00	42.60 2.71 0.00	47.94 3.55 0.00	46.21 3.93 0.00	44.28 3.69 0.00	43.78 4.30 0.00	43.63 4.29 0.00	44.25 4.37 -0.49	45.97 4.48 -1.50	50.24 4.67 -4.20	50.05 4.44 -6.01	50.75 5.35 -0.03	60.50 6.24 0.00	66.40 5.87 0.00	68.46 5.48 0.00	67.81 4.50 0.00	58.06 3.80 0.00	50.46 3.56 0.00	42.80 2.99 0.00
PATROON_115KV_TB1 80586	40.13 0.48 0.00	36.80 0.54 0.00	34.71 0.61 0.00	32.91 0.52 0.00	33.51 0.50 0.00	36.14 0.43 0.00	40.57 0.68 0.00	45.14 0.75 0.00	43.04 0.76 0.00	41.32 0.73 0.00	40.27 0.79 0.00	40.17 0.83 0.00	40.21 0.83 0.00	40.88 0.88 0.00	42.36 0.99 0.00	40.67 1.07 0.00	46.50 1.13 0.00	55.57 1.30 0.00	61.86 1.33 0.00	64.30 1.32 0.00	64.26 0.95 0.00	55.08 0.81 0.00	47.55 0.66 0.00	40.45 0.64 0.00
PATTRSNVILLE___SOLAR 323815	40.72 1.07 0.00	37.31 1.05 0.00	35.15 1.06 0.00	33.37 0.97 0.00	33.97 0.96 0.00	36.71 1.00 0.00	41.08 1.20 0.00	45.63 1.24 0.00	43.25 0.97 0.00	41.32 0.73 0.00	40.07 0.59 0.00	39.93 0.59 0.00	39.97 0.59 0.00	40.63 0.64 0.00	42.11 0.75 0.00	40.40 0.79 0.00	46.28 0.91 0.00	55.62 1.36 0.00	62.34 1.81 0.00	65.18 2.20 0.00	65.34 2.03 0.00	55.95 1.68 0.00	48.30 1.41 0.00	40.97 1.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.84 -3.81 0.00	33.00 -3.26 0.00	31.09 -3.00 0.00	29.61 -2.79 0.00	30.04 -2.97 0.00	32.50 -3.21 0.00	35.50 -4.39 0.00	39.77 -4.62 0.00	37.53 -4.73 0.01	36.25 -4.34 0.00	34.64 -4.78 0.07	34.34 -4.64 0.36	34.65 -4.41 0.31	35.37 -4.28 0.34	36.00 -4.80 0.57	34.83 -4.44 0.33	39.09 -5.26 1.02	46.38 -5.91 1.97	51.77 -6.36 2.40	54.06 -6.42 2.50	53.38 -6.96 2.96	46.02 -6.24 2.00	40.05 -5.58 1.27	34.88 -4.50 0.44

PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.71 2.06 0.00	38.29 2.03 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.66 1.65 0.00	37.36 1.64 0.00	42.24 2.35 0.00	47.32 2.93 0.00	45.45 3.17 0.00	43.72 3.13 0.00	42.96 3.47 0.00	42.80 3.46 0.00	43.03 3.50 -0.14	44.22 3.64 -0.58	46.74 3.72 -1.65	45.57 3.60 -2.36	49.73 4.36 0.00	59.58 5.32 0.00	65.61 5.08 0.00	67.89 4.91 0.00	67.30 3.99 0.00	57.68 3.42 0.00	49.94 3.05 0.00	42.24 2.43 0.00
PEEKSKILL____ 23653	41.39 1.74 0.00	37.96 1.70 0.00	35.73 1.64 0.00	33.79 1.39 0.00	34.37 1.35 0.00	37.03 1.32 0.00	41.80 1.91 0.00	46.96 2.57 0.00	45.15 2.88 0.00	43.31 2.72 0.00	42.60 3.12 0.00	42.53 3.19 0.00	43.10 3.27 -0.46	45.22 3.40 -1.83	50.02 3.48 -5.18	50.39 3.36 -7.42	49.50 4.13 0.00	59.04 4.78 0.00	64.89 4.36 0.00	67.07 4.09 0.00	66.66 3.35 0.00	57.08 2.82 0.00	49.52 2.62 0.00	41.96 2.15 0.00
PGE MADISON__WINDPWR 24146	41.47 1.82 0.00	37.96 1.70 0.00	35.73 1.64 0.00	33.98 1.59 0.00	34.50 1.49 0.00	37.43 1.71 0.00	41.72 1.83 0.00	46.30 1.91 0.00	43.46 1.18 0.00	41.48 0.89 0.00	40.06 0.59 0.01	39.78 0.51 0.07	39.63 0.32 0.06	40.25 0.32 0.07	41.63 0.37 0.11	39.77 0.24 0.07	45.60 0.45 0.22	55.13 1.30 0.43	62.36 2.36 0.53	65.83 3.40 0.55	65.89 3.23 0.65	56.70 2.88 0.44	48.82 2.20 0.28	41.67 1.95 0.10
PIERCEFIELD____HYD 23852	39.61 -0.04 0.00	36.11 -0.15 0.00	33.82 -0.27 0.00	32.20 -0.19 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.77 -0.12 0.00	44.12 -0.27 0.00	41.81 -0.47 0.00	40.02 -0.57 0.00	38.73 -0.75 0.00	38.48 -0.87 0.00	38.16 -1.22 0.00	38.48 -1.52 0.00	39.59 -1.78 0.00	37.82 -1.78 0.00	43.37 -2.00 0.00	51.82 -2.44 0.00	58.47 -2.06 0.00	61.28 -1.70 0.00	62.17 -1.14 0.00	53.45 -0.81 0.00	46.33 -0.56 0.00	39.69 -0.12 0.00
PINELAWN_CC_I 323563	42.47 2.82 0.00	38.83 2.57 0.00	36.31 2.21 0.00	34.27 1.88 0.00	34.89 1.88 0.00	37.25 1.53 0.00	42.12 2.23 0.00	47.59 3.20 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.88 4.38 -0.02	47.42 4.44 -3.64	48.58 4.57 -4.64	49.28 4.68 -4.60	50.35 4.80 -4.19	55.44 4.55 -11.28	54.49 5.62 -3.49	64.93 6.62 -4.04	68.80 6.35 -1.92	72.46 5.99 -3.49	67.87 4.56 0.00	58.00 3.74 0.00	50.42 3.52 0.00	43.36 3.54 0.00
PJM_GEN_HTP_PROXY 323702	41.63 1.98 0.00	38.18 1.92 0.00	35.93 1.84 0.00	33.95 1.55 0.00	34.53 1.52 0.00	37.18 1.46 0.00	42.04 2.15 0.00	47.36 2.97 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.11 3.63 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.42 3.92 -1.50	49.62 4.06 -4.20	49.50 3.88 -6.01	56.28 4.76 -6.15	59.80 5.54 0.00	65.49 4.96 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.85 2.96 0.00	42.24 2.43 0.00
PJM_GEN_KEystone 24065	38.62 -1.03 0.00	35.46 -0.80 0.00	33.37 -0.72 0.00	31.68 -0.71 0.00	32.19 -0.82 0.00	34.75 -0.96 0.00	38.81 -1.08 0.00	43.46 -0.93 0.00	41.51 -0.76 0.00	39.82 -0.77 0.00	38.98 -0.47 0.03	38.74 -0.43 0.16	39.29 -0.27 -0.19	41.01 -0.12 -1.13	44.51 -0.25 -3.39	44.48 -0.20 -5.07	45.30 -0.05 0.03	53.20 -0.16 0.90	58.94 -0.49 1.10	61.08 -0.75 1.14	60.56 -1.39 1.36	52.21 -1.14 0.92	45.24 -1.08 0.58	38.70 -0.91 0.20
PJM_GEN_NEPTUNE_PROXY 323594	41.91 2.26 0.00	38.36 2.10 0.00	35.90 1.81 0.00	33.89 1.49 0.00	34.50 1.49 0.00	36.89 1.18 0.00	41.72 1.84 0.00	47.10 2.71 0.00	45.58 3.30 0.00	43.76 3.17 0.00	43.37 3.87 -0.02	46.91 3.93 -3.64	48.03 4.02 -4.64	48.72 4.12 -4.60	49.82 4.26 -4.19	50.26 4.08 -6.58	50.71 4.95 -0.39	60.53 5.81 -0.45	66.24 5.51 -0.21	68.60 5.22 -0.39	67.17 3.86 0.01	57.35 3.09 0.01	49.80 2.91 0.00	42.72 2.90 0.00
PJM_GEN_VFT_PROXY 323633	41.47 1.82 0.00	38.04 1.78 0.00	35.83 1.74 0.00	33.82 1.42 0.00	34.43 1.42 0.00	37.07 1.36 0.00	41.88 1.99 0.00	47.23 2.84 0.00	45.49 3.21 0.00	43.64 3.05 0.00	42.99 3.51 0.00	42.96 3.62 0.00	43.57 3.70 -0.49	45.30 3.80 -1.50	49.50 3.93 -4.20	49.38 3.76 -6.01	56.30 4.67 -6.26	59.64 5.37 0.00	65.25 4.72 0.00	67.32 4.34 0.01	66.85 3.54 0.01	57.36 3.09 0.00	49.71 2.81 0.00	42.08 2.27 0.00
PLATSBURG_115KV_PMLD1 355749	39.93 0.28 0.00	36.40 0.15 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.52 0.13 0.00	42.32 0.04 0.00	40.55 -0.04 0.00	39.28 -0.20 0.00	39.03 -0.31 0.00	39.03 -0.35 0.00	39.48 -0.52 0.00	40.75 -0.62 0.00	38.93 -0.67 0.00	44.60 -0.77 0.00	53.23 -1.03 0.00	59.92 -0.61 0.00	62.48 -0.50 0.00	63.06 -0.25 0.00	54.10 -0.16 0.00	46.76 -0.14 0.00	39.77 -0.04 0.00
PLEASANTVLY____LBMP 24000	41.16 1.51 0.00	37.71 1.45 0.00	35.56 1.47 0.00	33.72 1.33 0.00	34.17 1.16 0.00	36.82 1.11 0.00	41.60 1.72 0.00	46.61 2.22 0.00	44.81 2.54 0.00	42.99 2.39 0.00	42.28 2.80 0.00	42.13 2.79 0.00	42.42 2.87 -0.16	43.62 2.96 -0.66	46.34 3.10 -1.87	45.26 2.97 -2.68	49.00 3.63 0.00	58.50 4.23 0.00	64.46 3.93 0.00	66.63 3.65 0.00	66.22 2.91 0.00	56.76 2.50 0.00	49.19 2.30 0.00	41.65 1.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.51 1.86 0.00	38.07 1.81 0.00	35.86 1.77 0.00	34.05 1.65 0.00	34.47 1.45 0.00	37.14 1.43 0.00	42.00 2.11 0.00	47.10 2.71 0.00	45.32 3.04 0.00	43.51 2.92 0.00	42.84 3.36 0.00	42.72 3.38 0.00	43.13 3.47 -0.29	44.71 3.56 -1.15	48.32 3.68 -3.27	47.77 3.49 -4.68	49.68 4.31 0.00	59.26 4.99 0.00	65.19 4.66 0.00	67.39 4.41 0.00	66.86 3.55 0.00	57.30 3.04 0.00	49.62 2.72 0.00	42.04 2.23 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.51 1.86 0.00	38.07 1.81 0.00	35.86 1.77 0.00	34.05 1.65 0.00	34.47 1.45 0.00	37.14 1.43 0.00	42.00 2.11 0.00	47.10 2.71 0.00	45.32 3.04 0.00	43.51 2.92 0.00	42.84 3.36 0.00	42.72 3.38 0.00	43.13 3.47 -0.29	44.71 3.56 -1.15	48.32 3.68 -3.27	47.77 3.49 -4.68	49.68 4.31 0.00	59.26 4.99 0.00	65.19 4.66 0.00	67.39 4.41 0.00	66.86 3.55 0.00	57.30 3.04 0.00	49.62 2.72 0.00	42.04 2.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.35 1.70 0.00	37.89 1.63 0.00	35.73 1.64 0.00	33.88 1.49 0.00	34.33 1.32 0.00	37.03 1.32 0.00	41.84 1.95 0.00	46.83 2.44 0.00	44.94 2.66 0.00	43.11 2.52 0.00	42.28 2.80 0.00	42.21 2.87 0.00	42.29 2.91 0.00	43.04 3.04 0.00	44.55 3.19 0.00	42.69 3.09 0.00	49.18 3.81 0.00	58.88 4.61 0.00	64.94 4.42 0.00	67.20 4.22 0.00	66.73 3.42 0.00	57.19 2.93 0.00	49.52 2.63 0.00	41.92 2.11 0.00
POLETTI____ 23519	41.67 2.02 0.00	38.18 1.92 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.62 4.05 -4.20	49.50 3.88 -6.01	56.40 4.72 -6.31	59.74 5.48 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00

POMONA___ESR 323819	41.35 1.70 0.00	37.93 1.67 0.00	35.66 1.57 0.00	33.75 1.36 0.00	34.34 1.32 0.00	37.00 1.28 0.00	41.72 1.84 0.00	46.87 2.48 0.00	45.07 2.79 0.00	43.23 2.64 0.00	42.48 3.00 0.00	42.45 3.11 0.00	43.32 3.19 -0.75	46.32 3.32 -3.01	53.32 3.43 -8.52	55.14 3.33 -12.21	49.50 4.13 0.00	59.04 4.78 0.00	64.89 4.36 0.00	67.07 4.09 0.00	66.66 3.35 0.00	57.08 2.82 0.00	49.47 2.58 0.00	41.92 2.11 0.00
PORT_JEFF_3 23555	42.38 2.73 0.00	38.76 2.50 0.00	36.21 2.11 0.00	34.24 1.85 0.00	34.80 1.78 0.00	37.10 1.39 0.00	41.88 1.99 0.00	47.32 2.93 0.00	45.91 3.64 0.00	44.08 3.49 0.00	43.73 4.23 -0.02	47.27 4.29 -3.64	48.43 4.41 -4.64	49.16 4.56 -4.60	50.31 4.76 -4.19	52.48 4.40 -8.48	52.64 5.62 -1.65	62.52 6.35 -1.91	67.18 5.75 -0.91	69.98 5.35 -1.65	67.17 3.86 0.00	57.73 3.48 0.01	50.32 3.42 0.00	43.44 3.62 0.00
PORT_JEFF_4 23616	42.38 2.73 0.00	38.76 2.50 0.00	36.21 2.11 0.00	34.24 1.85 0.00	34.80 1.78 0.00	37.10 1.39 0.00	41.88 1.99 0.00	47.32 2.93 0.00	45.91 3.64 0.00	44.08 3.49 0.00	43.73 4.23 -0.02	47.27 4.29 -3.64	48.43 4.41 -4.64	49.16 4.56 -4.60	50.31 4.76 -4.19	52.48 4.40 -8.48	52.64 5.62 -1.65	62.52 6.35 -1.91	67.18 5.75 -0.91	69.98 5.35 -1.65	67.17 3.86 0.00	57.73 3.48 0.01	50.32 3.42 0.00	43.44 3.62 0.00
PORT_JEFF_IC 23713	42.47 2.82 0.00	38.72 2.47 0.00	36.55 2.45 0.00	34.56 2.17 0.00	34.83 1.82 0.00	37.14 1.43 0.00	42.40 2.51 0.00	47.36 2.97 0.00	46.00 3.72 0.00	44.12 3.53 0.00	43.76 4.26 -0.02	47.31 4.33 -3.64	48.43 4.41 -4.64	49.16 4.56 -4.60	50.48 4.92 -4.19	52.69 4.51 -8.57	52.84 5.76 -1.71	62.81 6.57 -1.98	67.70 6.23 -0.94	70.55 5.86 -1.71	67.42 4.12 0.00	57.89 3.64 0.00	50.51 3.61 0.00	43.40 3.58 0.00
PPL PILGRIM_ST_GT1 24216	42.66 3.01 0.00	39.01 2.75 0.00	36.44 2.35 0.00	34.40 2.01 0.00	35.03 2.01 0.00	37.39 1.68 0.00	42.24 2.35 0.00	47.72 3.33 0.00	46.25 3.97 0.00	44.41 3.81 0.00	44.12 4.62 -0.02	47.66 4.68 -3.64	48.78 4.76 -4.64	49.48 4.88 -4.60	50.56 5.00 -4.19	53.23 4.67 -8.95	53.18 5.86 -1.96	63.21 6.67 -2.27	67.95 6.35 -1.08	70.86 5.92 -1.96	67.80 4.50 0.00	58.11 3.85 0.00	50.60 3.70 0.00	43.60 3.78 0.00
PPL PILGRIM_ST_GT2 24217	42.66 3.01 0.00	39.01 2.75 0.00	36.44 2.35 0.00	34.40 2.01 0.00	35.03 2.01 0.00	37.39 1.68 0.00	42.24 2.35 0.00	47.72 3.33 0.00	46.25 3.97 0.00	44.41 3.81 0.00	44.12 4.62 -0.02	47.66 4.68 -3.64	48.78 4.76 -4.64	49.48 4.88 -4.60	50.56 5.00 -4.19	53.23 4.67 -8.95	53.18 5.86 -1.96	63.21 6.67 -2.27	67.95 6.35 -1.08	70.86 5.92 -1.96	67.80 4.50 0.00	58.11 3.85 0.00	50.60 3.70 0.00	43.60 3.78 0.00
PPL_SHRM_GT3 24213	42.23 2.58 0.00	38.65 2.39 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.66 1.65 0.00	36.89 1.18 0.00	41.52 1.64 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.53 4.03 -0.02	47.07 4.09 -3.64	48.23 4.22 -4.64	48.96 4.36 -4.60	50.07 4.51 -4.19	52.33 4.20 -8.53	52.54 5.49 -1.68	62.55 6.35 -1.94	67.32 5.87 -0.92	70.08 5.42 -1.68	67.17 3.86 0.00	57.46 3.20 0.01	50.18 3.28 0.00	43.44 3.62 0.00
PPL_SHRM_GT4 24214	42.23 2.58 0.00	38.65 2.39 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.66 1.65 0.00	36.89 1.18 0.00	41.52 1.64 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.53 4.03 -0.02	47.07 4.09 -3.64	48.23 4.22 -4.64	48.96 4.36 -4.60	50.07 4.51 -4.19	52.33 4.20 -8.53	52.54 5.49 -1.68	62.55 6.35 -1.94	67.32 5.87 -0.92	70.08 5.42 -1.68	67.17 3.86 0.00	57.46 3.20 0.01	50.18 3.28 0.00	43.44 3.62 0.00
PROJECT___ORANGE 1 24174	39.17 -0.48 0.00	35.86 -0.40 0.00	33.72 -0.38 0.00	32.04 -0.36 0.00	32.65 -0.36 0.00	35.28 -0.43 0.00	39.41 -0.48 0.00	43.81 -0.58 0.00	41.64 -0.63 0.00	40.02 -0.57 0.00	38.82 -0.63 0.03	38.55 -0.63 0.16	38.61 -0.63 0.14	39.24 -0.60 0.15	40.50 -0.62 0.25	38.85 -0.59 0.16	44.17 -0.73 0.48	52.59 -0.76 0.92	58.68 -0.73 1.12	61.25 -0.57 1.16	61.17 -0.76 1.38	52.68 -0.65 0.93	45.60 -0.70 0.59	39.01 -0.60 0.20
PROJECT___ORANGE 2 24166	39.17 -0.48 0.00	35.86 -0.40 0.00	33.72 -0.38 0.00	32.04 -0.36 0.00	32.65 -0.36 0.00	35.28 -0.43 0.00	39.41 -0.48 0.00	43.81 -0.58 0.00	41.64 -0.63 0.00	40.02 -0.57 0.00	38.82 -0.63 0.03	38.55 -0.63 0.16	38.61 -0.63 0.14	39.24 -0.60 0.15	40.50 -0.62 0.25	38.85 -0.59 0.16	44.17 -0.73 0.48	52.59 -0.76 0.92	58.68 -0.73 1.12	61.25 -0.57 1.16	61.17 -0.76 1.38	52.68 -0.65 0.93	45.60 -0.70 0.59	39.01 -0.60 0.20
PUCKETT___SOLAR 323809	40.13 0.48 0.00	36.73 0.47 0.00	34.57 0.48 0.00	32.85 0.45 0.00	33.41 0.40 0.00	36.18 0.46 0.00	40.37 0.48 0.00	44.88 0.49 0.00	42.49 0.21 0.00	40.67 0.08 0.00	39.43 -0.04 0.02	39.18 -0.08 0.08	39.23 -0.08 0.07	39.84 -0.08 0.08	41.15 -0.08 0.13	39.44 -0.08 0.08	45.12 0.00 0.25	54.11 0.33 0.48	60.61 0.67 0.58	63.38 1.00 0.61	63.41 0.82 0.72	54.54 0.76 0.49	47.11 0.52 0.31	40.11 0.40 0.11
PYRITES___HYD 24023	40.17 0.52 0.00	36.62 0.36 0.00	34.30 0.20 0.00	32.69 0.29 0.00	33.38 0.36 0.00	36.25 0.54 0.00	40.37 0.48 0.00	44.66 0.27 0.00	42.23 -0.04 0.00	40.35 -0.24 0.00	38.97 -0.51 0.00	38.71 -0.63 0.00	38.47 -0.91 0.00	38.80 -1.20 0.00	40.00 -1.37 0.00	38.22 -1.39 0.00	43.87 -1.50 0.00	52.47 -1.79 0.00	59.38 -1.15 0.00	62.48 -0.50 0.00	63.44 0.13 0.00	54.48 0.22 0.00	47.13 0.23 0.00	40.33 0.52 0.00
QUAKERRD_115KV_BK1 80622	37.07 -2.58 0.00	33.94 -2.32 0.00	31.91 -2.18 0.00	30.35 -2.04 0.00	30.93 -2.08 0.00	33.43 -2.29 0.00	37.06 -2.83 0.00	41.24 -3.15 0.00	39.06 -3.21 0.00	37.67 -2.92 0.00	36.76 -2.65 0.08	36.40 -2.52 0.42	36.57 -2.44 0.37	37.23 -2.36 0.40	38.06 -2.65 0.66	36.73 -2.50 0.38	41.28 -2.95 1.14	48.91 -3.15 2.21	54.63 -3.21 2.69	57.03 -3.15 2.80	56.51 -3.48 3.32	48.88 -3.15 2.23	42.57 -2.91 1.42	36.94 -2.39 0.49
QUENSBRY_115KV_TB8 356137	42.15 2.50 0.00	38.76 2.50 0.00	36.48 2.39 0.00	34.60 2.20 0.00	35.26 2.24 0.00	38.14 2.43 0.00	42.72 2.83 0.00	47.45 3.06 0.00	44.90 2.62 0.00	42.95 2.35 0.00	41.34 1.86 0.00	41.15 1.81 0.00	40.96 1.58 0.00	41.56 1.56 0.00	43.06 1.70 0.00	41.43 1.82 0.00	46.41 1.04 0.00	55.57 1.30 0.00	63.07 2.54 0.00	66.00 3.02 0.00	66.60 3.29 0.00	56.92 2.66 0.00	48.96 2.06 0.00	41.49 1.67 0.00
RAMAPO___LBMP 323565	41.20 1.55 0.00	37.78 1.52 0.00	35.56 1.47 0.00	33.75 1.36 0.00	34.20 1.19 0.00	36.86 1.14 0.00	41.64 1.76 0.00	46.70 2.31 0.00	44.90 2.62 0.00	43.07 2.48 0.00	42.40 2.92 0.00	42.29 2.95 0.00	43.06 3.03 -0.64	45.70 3.12 -2.58	51.95 3.27 -7.31	53.21 3.13 -10.48	49.27 3.90 0.00	58.71 4.45 0.00	64.64 4.12 0.00	66.89 3.90 0.00	66.41 3.10 0.00	56.92 2.66 0.00	49.29 2.39 0.00	41.77 1.95 0.00



RANKINE____ 23646	35.92 -3.73 0.00	33.07 -3.19 0.00	31.16 -2.93 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.50 -4.39 0.00	39.77 -4.62 0.00	37.49 -4.78 0.01	36.21 -4.38 0.00	35.11 -4.30 0.07	34.88 -4.09 0.37	35.16 -3.90 0.32	35.93 -3.72 0.35	36.53 -4.26 0.58	35.34 -3.92 0.34	39.62 -4.72 1.04	47.05 -5.21 2.00	52.52 -5.57 2.43	54.77 -5.67 2.54	54.16 -6.14 3.01	46.70 -5.53 2.03	40.73 -4.88 1.28	35.47 -3.90 0.44
RAVENSWOOD_GT2_1 24244	41.67 2.02 0.00	38.18 1.92 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.62 4.05 -4.20	49.50 3.88 -6.01	56.42 4.72 -6.33	59.74 5.48 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT2_2 24245	41.67 2.02 0.00	38.18 1.92 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.62 4.05 -4.20	49.50 3.88 -6.01	56.42 4.72 -6.33	59.74 5.48 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT2_3 24246	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.16 2.27 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.94 3.05 0.00	42.24 2.43 0.00
RAVENSWOOD_GT2_4 24247	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.21 1.50 0.00	42.16 2.27 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.66 4.10 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.94 3.05 0.00	42.24 2.43 0.00
RAVENSWOOD_GT3_1 24248	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.66 4.10 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT3_2 24249	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.66 4.10 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT3_3 24250	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.73 5.21 0.00	67.83 4.85 0.00	67.30 3.99 0.00	57.63 3.36 0.00	49.99 3.10 0.00	42.28 2.47 0.00
RAVENSWOOD_GT3_4 24251	41.71 2.06 0.00	38.25 1.99 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.70 4.14 -4.20	49.58 3.96 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.73 5.21 0.00	67.83 4.85 0.00	67.30 3.99 0.00	57.63 3.36 0.00	49.99 3.10 0.00	42.28 2.47 0.00
RAVENSWOOD_GT_1 23729	41.75 2.10 0.00	38.29 2.03 0.00	36.07 1.98 0.00	34.24 1.85 0.00	34.60 1.58 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.31 3.83 0.00	43.20 3.86 0.00	43.85 3.98 -0.49	45.53 4.04 -1.50	49.78 4.22 -4.20	49.62 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.61 5.08 0.00	67.70 4.72 0.00	67.11 3.80 0.00	57.52 3.26 0.00	49.94 3.05 0.00	42.28 2.47 0.00
RAVENSWOOD_GT_10 24258	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.62 4.05 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.74 5.48 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT_11 24259	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.62 4.05 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.74 5.48 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT_4 24252	41.67 2.02 0.00	38.22 1.96 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.54 3.92 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT_5 24254	41.67 2.02 0.00	38.22 1.96 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.54 3.92 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT_6 24253	41.67 2.02 0.00	38.22 1.96 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.54 3.92 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00

RAVENSWOOD_GT_7 24255	41.67 2.02 0.00	38.22 1.96 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.23 3.75 0.00	43.12 3.78 0.00	43.73 3.86 -0.49	45.45 3.96 -1.50	49.70 4.14 -4.20	49.54 3.92 -6.01	56.47 4.76 -6.33	59.80 5.53 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.62 4.05 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.74 5.48 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD_GT_9 24257	41.67 2.02 0.00	38.22 1.96 0.00	36.00 1.91 0.00	34.14 1.75 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.12 2.23 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.19 3.71 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.41 3.92 -1.50	49.62 4.05 -4.20	49.50 3.88 -6.01	56.47 4.76 -6.33	59.74 5.48 0.00	65.61 5.08 0.00	67.77 4.79 0.00	67.17 3.86 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD___1 23533	41.75 2.10 0.00	38.29 2.03 0.00	36.03 1.94 0.00	33.98 1.59 0.00	34.60 1.58 0.00	37.18 1.46 0.00	42.08 2.19 0.00	47.41 3.02 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.20 3.86 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.61 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.11 3.80 0.00	57.46 3.20 0.00	49.90 3.00 0.00	42.32 2.51 0.00
RAVENSWOOD___2 23534	41.75 2.10 0.00	38.29 2.03 0.00	36.03 1.94 0.00	33.98 1.59 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.23 3.75 0.00	43.20 3.86 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.61 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.11 3.80 0.00	57.46 3.20 0.00	49.90 3.00 0.00	42.32 2.51 0.00
RAVENSWOOD___3 23535	41.67 2.02 0.00	38.22 1.96 0.00	35.97 1.87 0.00	33.95 1.55 0.00	34.57 1.55 0.00	37.18 1.46 0.00	42.04 2.15 0.00	47.36 2.97 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.11 3.63 0.00	43.08 3.74 0.00	43.69 3.82 -0.49	45.42 3.92 -1.50	49.62 4.06 -4.20	49.50 3.88 -6.01	56.42 4.72 -6.33	59.80 5.54 0.00	65.49 4.96 0.00	67.64 4.66 0.00	67.17 3.86 0.00	57.52 3.26 0.00	49.90 3.00 0.00	42.24 2.43 0.00
RAVENSWOOD___4 23820	41.75 2.10 0.00	38.29 2.03 0.00	36.00 1.91 0.00	33.98 1.59 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.04 2.15 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.23 3.75 0.00	43.16 3.81 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.74 4.18 -4.20	49.61 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.55 5.02 0.00	67.64 4.66 0.00	67.11 3.80 0.00	57.46 3.20 0.00	49.90 3.00 0.00	42.32 2.51 0.00
RCPL_TRUST___DRP 24196	41.71 2.06 0.00	38.22 1.96 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.42 4.90 -6.15	59.91 5.64 0.00	65.73 5.21 0.00	67.89 4.91 0.00	67.30 3.99 0.00	57.63 3.36 0.00	49.94 3.05 0.00	42.28 2.47 0.00
RED___ROCHESTER 323720	37.91 -1.74 0.00	34.74 -1.52 0.00	32.66 -1.43 0.00	31.06 -1.33 0.00	31.66 -1.36 0.00	34.18 -1.53 0.00	38.01 -1.87 0.00	42.22 -2.17 0.00	39.95 -2.33 0.00	38.64 -1.95 0.00	37.98 -1.42 0.08	37.39 -1.53 0.42	37.63 -1.38 0.37	38.31 -1.28 0.40	39.22 -1.49 0.66	37.56 -1.66 0.39	42.33 -1.86 1.18	50.04 -1.95 2.27	56.30 -1.45 2.77	58.77 -1.33 2.89	57.93 -1.96 3.42	50.28 -1.68 2.30	43.51 -1.92 1.46	37.72 -1.59 0.51
REGAN___SOLAR 323812	41.51 1.86 0.00	38.11 1.85 0.00	35.86 1.77 0.00	34.05 1.65 0.00	34.66 1.65 0.00	37.53 1.82 0.00	41.92 2.03 0.00	46.25 1.86 0.00	43.33 1.06 0.00	41.04 0.45 0.00	39.56 0.08 0.00	39.38 0.04 0.00	39.50 0.12 0.00	40.24 0.24 0.00	41.66 0.29 0.00	39.96 0.36 0.00	45.96 0.59 0.00	55.56 1.30 0.00	63.13 2.60 0.00	66.70 3.71 0.00	67.11 3.80 0.00	57.36 3.09 0.00	49.47 2.58 0.00	41.84 2.03 0.00
RENSSELAER___COGEN 23796	39.93 0.28 0.00	36.62 0.36 0.00	34.53 0.44 0.00	32.75 0.36 0.00	33.34 0.33 0.00	35.96 0.25 0.00	40.37 0.48 0.00	44.92 0.53 0.00	42.82 0.55 0.00	41.16 0.57 0.00	40.07 0.59 0.00	40.01 0.67 0.00	40.05 0.67 0.00	40.72 0.72 0.00	42.15 0.78 0.00	40.47 0.87 0.00	46.23 0.86 0.00	55.29 1.03 0.00	61.49 0.97 0.00	63.86 0.88 0.00	63.81 0.50 0.00	54.70 0.43 0.00	47.32 0.42 0.00	40.25 0.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.81 4.16 0.00	40.39 4.13 0.00	37.98 3.89 0.00	36.05 3.66 0.00	36.74 3.73 0.00	39.78 4.07 0.00	44.39 4.51 0.00	49.18 4.79 0.00	46.21 3.93 0.00	44.08 3.49 0.00	42.40 2.92 0.00	42.21 2.87 0.00	41.98 2.60 0.00	42.60 2.60 0.00	44.18 2.81 0.00	42.46 2.85 0.00	47.91 2.54 0.00	57.52 3.26 0.00	65.73 5.21 0.00	69.34 6.36 0.00	70.02 6.71 0.00	59.74 5.48 0.00	51.26 4.36 0.00	43.32 3.50 0.00
REVERE_CPPR_DRP 24186	40.64 0.99 0.00	37.17 0.91 0.00	34.98 0.89 0.00	33.24 0.84 0.00	33.84 0.83 0.00	36.71 1.00 0.00	41.00 1.12 0.00	45.54 1.15 0.00	43.04 0.76 0.00	41.20 0.61 0.00	39.86 0.39 0.01	39.67 0.39 0.07	39.52 0.20 0.06	40.09 0.16 0.06	41.43 0.17 0.10	39.70 0.16 0.07	45.44 0.27 0.20	54.64 0.76 0.38	61.51 1.45 0.47	64.70 2.20 0.49	64.89 2.15 0.58	55.77 1.90 0.39	48.10 1.45 0.25	41.00 1.27 0.09
REYNLDDPA_13_KV_LD 356490	39.97 0.32 0.00	36.44 0.18 0.00	34.13 0.03 0.00	32.52 0.13 0.00	33.21 0.20 0.00	36.00 0.28 0.00	40.09 0.20 0.00	44.57 0.18 0.00	42.40 0.13 0.00	40.63 0.04 0.00	39.36 -0.12 0.00	39.15 -0.20 0.00	39.15 -0.23 0.00	39.64 -0.36 0.00	40.91 -0.45 0.00	39.09 -0.52 0.00	44.83 -0.54 0.00	52.96 -1.30 0.00	59.44 -1.09 0.00	61.97 -1.01 0.00	63.31 0.00 0.00	53.94 -0.32 0.00	46.94 0.05 0.00	39.93 0.12 0.00
REYNOLDS_115KV_TB3 80639	40.17 0.52 0.00	36.84 0.58 0.00	34.74 0.65 0.00	32.94 0.55 0.00	33.54 0.53 0.00	36.14 0.43 0.00	40.65 0.76 0.00	45.19 0.80 0.00	43.08 0.80 0.00	41.44 0.85 0.00	40.35 0.87 0.00	40.25 0.90 0.00	40.29 0.91 0.00	40.96 0.96 0.00	42.44 1.08 0.00	40.79 1.19 0.00	46.59 1.22 0.00	55.73 1.47 0.00	61.92 1.39 0.00	64.30 1.32 0.00	64.20 0.89 0.00	55.13 0.87 0.00	47.65 0.75 0.00	40.53 0.72 0.00

RIVERBAY____ 323610	42.39 2.74 0.00	38.87 2.61 0.00	36.61 2.52 0.00	34.73 2.33 0.00	35.03 2.01 0.00	37.61 1.89 0.00	42.60 2.71 0.00	47.94 3.55 0.00	46.21 3.93 0.00	44.28 3.69 0.00	43.78 4.30 0.00	43.63 4.29 0.00	44.25 4.37 -0.49	45.97 4.48 -1.50	50.24 4.67 -4.20	50.05 4.44 -6.01	50.75 5.35 -0.03	60.50 6.24 0.00	66.40 5.87 0.00	68.46 5.48 0.00	67.81 4.50 0.00	58.06 3.80 0.00	50.46 3.56 0.00	42.80 2.99 0.00
RIVERSDE_115KV_TB3 55908	40.09 0.44 0.00	36.77 0.51 0.00	34.67 0.58 0.00	32.88 0.49 0.00	33.48 0.46 0.00	36.11 0.39 0.00	40.53 0.64 0.00	45.10 0.71 0.00	42.99 0.72 0.00	41.32 0.73 0.00	40.27 0.79 0.00	40.17 0.83 0.00	40.21 0.83 0.00	40.88 0.88 0.00	42.36 0.99 0.00	40.67 1.07 0.00	46.50 1.13 0.00	55.57 1.30 0.00	61.80 1.27 0.00	64.18 1.20 0.00	64.13 0.82 0.00	55.02 0.76 0.00	47.51 0.61 0.00	40.41 0.60 0.00
ROARING__BROOK_WT_PWR 323790	39.57 -0.08 0.00	36.19 -0.07 0.00	33.99 -0.10 0.00	32.30 -0.10 0.00	32.92 -0.10 0.00	35.61 -0.11 0.00	39.77 -0.12 0.00	44.26 -0.13 0.00	42.15 -0.13 0.00	40.43 -0.16 0.00	39.28 -0.20 0.00	39.15 -0.20 0.00	39.15 -0.23 0.00	39.68 -0.32 0.00	40.95 -0.41 0.00	39.17 -0.43 0.00	44.83 -0.54 0.00	53.61 -0.65 0.00	59.92 -0.61 0.00	62.35 -0.63 0.00	62.74 -0.57 0.00	53.77 -0.49 0.00	46.52 -0.38 0.00	39.54 -0.28 0.00
ROCHESRG_115KV_T4 355643	37.31 -2.34 0.00	34.23 -2.03 0.00	32.18 -1.91 0.00	30.61 -1.78 0.00	31.20 -1.82 0.00	33.68 -2.04 0.00	37.21 -2.67 0.00	41.55 -2.84 0.00	39.31 -2.96 0.00	37.95 -2.64 0.00	37.07 -2.33 0.08	36.75 -2.16 0.43	36.96 -2.05 0.37	37.67 -1.92 0.41	38.46 -2.23 0.68	37.11 -2.10 0.40	41.58 -2.59 1.21	49.28 -2.66 2.33	55.03 -2.66 2.83	57.44 -2.58 2.96	56.90 -2.91 3.50	49.19 -2.71 2.36	42.87 -2.53 1.50	37.23 -2.07 0.52
ROCHESTER_9_IC 23652	37.67 -1.98 0.00	34.55 -1.70 0.00	32.46 -1.64 0.00	30.90 -1.49 0.00	31.50 -1.52 0.00	34.00 -1.71 0.00	37.61 -2.27 0.00	41.99 -2.40 0.00	39.74 -2.54 0.00	38.40 -2.19 0.00	37.51 -1.90 0.08	37.15 -1.77 0.42	37.36 -1.65 0.37	38.08 -1.52 0.40	38.89 -1.82 0.66	37.40 -1.82 0.39	41.92 -2.27 1.18	49.77 -2.22 2.27	55.64 -2.12 2.76	58.08 -2.02 2.88	57.55 -2.34 3.42	49.74 -2.22 2.30	43.23 -2.20 1.46	37.56 -1.75 0.50
ROCKVIEW_13_KV_LD 356306	41.75 2.10 0.00	38.29 2.03 0.00	36.04 1.94 0.00	34.21 1.81 0.00	34.66 1.65 0.00	37.32 1.61 0.00	42.24 2.35 0.00	47.36 2.97 0.00	45.62 3.34 0.00	43.76 3.17 0.00	43.15 3.67 0.00	43.00 3.66 0.00	43.53 3.78 -0.37	45.32 3.84 -1.48	49.58 4.01 -4.20	49.39 3.76 -6.02	50.00 4.63 0.00	59.64 5.37 0.00	65.55 5.02 0.00	67.77 4.79 0.00	67.24 3.93 0.00	57.57 3.31 0.00	49.90 3.00 0.00	42.24 2.43 0.00
ROME____115KV_TB2 80656	40.64 0.99 0.00	37.17 0.91 0.00	34.98 0.89 0.00	33.24 0.84 0.00	33.84 0.83 0.00	36.71 1.00 0.00	41.00 1.12 0.00	45.54 1.15 0.00	43.04 0.76 0.00	41.20 0.61 0.00	39.86 0.39 0.01	39.67 0.39 0.07	39.52 0.20 0.06	40.09 0.16 0.06	41.43 0.17 0.10	39.70 0.16 0.07	45.44 0.27 0.20	54.64 0.76 0.38	61.51 1.45 0.47	64.70 2.20 0.49	64.89 2.15 0.58	55.77 1.90 0.39	48.10 1.45 0.25	41.00 1.27 0.09
ROSETON__1 23587	41.16 1.51 0.00	37.75 1.49 0.00	35.52 1.43 0.00	33.59 1.20 0.00	34.17 1.15 0.00	36.82 1.11 0.00	41.56 1.67 0.00	46.61 2.22 0.00	44.81 2.54 0.00	42.99 2.39 0.00	42.20 2.72 0.00	42.13 2.79 0.00	42.25 2.87 0.00	43.00 3.00 0.00	44.47 3.10 0.00	42.58 2.97 0.00	49.00 3.63 0.00	58.50 4.24 0.00	64.40 3.88 0.00	66.63 3.65 0.00	66.29 2.98 0.00	56.76 2.50 0.00	49.19 2.30 0.00	41.69 1.87 0.00
ROSETON__2 23588	41.16 1.51 0.00	37.75 1.49 0.00	35.52 1.43 0.00	33.59 1.20 0.00	34.17 1.15 0.00	36.82 1.11 0.00	41.56 1.67 0.00	46.61 2.22 0.00	44.81 2.54 0.00	42.99 2.39 0.00	42.20 2.72 0.00	42.13 2.79 0.00	42.25 2.87 0.00	43.00 3.00 0.00	44.47 3.10 0.00	42.58 2.97 0.00	49.00 3.63 0.00	58.50 4.24 0.00	64.40 3.88 0.00	66.63 3.65 0.00	66.29 2.98 0.00	56.76 2.50 0.00	49.19 2.30 0.00	41.69 1.87 0.00
ROTTDRAM_115KV_TB3 80664	40.48 0.83 0.00	37.09 0.83 0.00	34.94 0.85 0.00	33.14 0.75 0.00	33.74 0.73 0.00	36.46 0.75 0.00	40.84 0.96 0.00	45.46 1.07 0.00	43.25 0.97 0.00	41.48 0.89 0.00	40.35 0.87 0.00	40.21 0.87 0.00	40.25 0.87 0.00	40.92 0.92 0.00	42.36 0.99 0.00	40.63 1.03 0.00	46.50 1.13 0.00	55.67 1.41 0.00	62.16 1.63 0.00	64.68 1.70 0.00	64.77 1.46 0.00	55.51 1.25 0.00	47.98 1.08 0.00	40.69 0.88 0.00
RUSSELL__1 23602	37.91 -1.74 0.00	34.74 -1.52 0.00	32.66 -1.43 0.00	31.07 -1.33 0.00	31.66 -1.35 0.00	34.18 -1.54 0.00	37.81 -2.07 0.00	42.21 -2.18 0.00	39.99 -2.28 0.00	38.64 -1.95 0.00	37.75 -1.66 0.08	37.39 -1.53 0.42	37.63 -1.38 0.37	38.31 -1.28 0.40	39.13 -1.57 0.66	37.55 -1.66 0.39	42.15 -2.04 1.18	50.04 -1.95 2.27	56.00 -1.76 2.77	58.52 -1.57 2.89	57.93 -1.96 3.42	50.01 -1.95 2.30	43.47 -1.97 1.46	37.72 -1.59 0.51
RUSSELL__2 23532	37.91 -1.74 0.00	34.74 -1.52 0.00	32.66 -1.43 0.00	31.07 -1.33 0.00	31.66 -1.35 0.00	34.18 -1.54 0.00	37.81 -2.07 0.00	42.21 -2.18 0.00	39.99 -2.28 0.00	38.64 -1.95 0.00	37.75 -1.66 0.08	37.39 -1.53 0.42	37.63 -1.38 0.37	38.31 -1.28 0.40	39.13 -1.57 0.66	37.55 -1.66 0.39	42.15 -2.04 1.18	50.04 -1.95 2.27	56.00 -1.76 2.77	58.52 -1.57 2.89	57.93 -1.96 3.42	50.01 -1.95 2.30	43.47 -1.97 1.46	37.72 -1.59 0.51
RUSSELL__3 23549	37.91 -1.74 0.00	34.74 -1.52 0.00	32.66 -1.43 0.00	31.07 -1.33 0.00	31.66 -1.35 0.00	34.18 -1.54 0.00	37.81 -2.07 0.00	42.21 -2.18 0.00	39.99 -2.28 0.00	38.64 -1.95 0.00	37.75 -1.66 0.08	37.39 -1.53 0.42	37.63 -1.38 0.37	38.31 -1.28 0.40	39.13 -1.57 0.66	37.55 -1.66 0.39	42.15 -2.04 1.18	50.04 -1.95 2.27	56.00 -1.76 2.77	58.52 -1.57 2.89	57.93 -1.96 3.42	50.01 -1.95 2.30	43.47 -1.97 1.46	37.72 -1.59 0.51
RUSSELL__4 23556	37.91 -1.74 0.00	34.74 -1.52 0.00	32.66 -1.43 0.00	31.07 -1.33 0.00	31.66 -1.35 0.00	34.18 -1.54 0.00	37.81 -2.07 0.00	42.21 -2.18 0.00	39.99 -2.28 0.00	38.64 -1.95 0.00	37.75 -1.66 0.08	37.39 -1.53 0.42	37.63 -1.38 0.37	38.31 -1.28 0.40	39.13 -1.57 0.66	37.55 -1.66 0.39	42.15 -2.04 1.18	50.04 -1.95 2.27	56.00 -1.76 2.77	58.52 -1.57 2.89	57.93 -1.96 3.42	50.01 -1.95 2.30	43.47 -1.97 1.46	37.72 -1.59 0.51
RUSSELL__STATION 23914	37.91 -1.74 0.00	34.74 -1.52 0.00	32.66 -1.43 0.00	31.07 -1.33 0.00	31.66 -1.35 0.00	34.18 -1.54 0.00	37.81 -2.07 0.00	42.21 -2.18 0.00	39.99 -2.28 0.00	38.64 -1.95 0.00	37.75 -1.66 0.08	37.39 -1.53 0.42	37.63 -1.38 0.37	38.31 -1.28 0.40	39.13 -1.57 0.66	37.55 -1.66 0.39	42.15 -2.04 1.18	50.04 -1.95 2.27	56.00 -1.76 2.77	58.52 -1.57 2.89	57.93 -1.96 3.42	50.01 -1.95 2.30	43.47 -1.97 1.46	37.72 -1.59 0.51

S SALMON___HYD 24043	39.41 -0.24 0.00	36.04 -0.22 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.16 0.00	35.57 -0.14 0.00	39.73 -0.16 0.00	44.08 -0.31 0.00	41.68 -0.59 0.00	39.98 -0.61 0.00	38.75 -0.75 -0.02	38.61 -0.83 -0.10	38.52 -0.95 -0.09	39.10 -1.00 -0.10	40.50 -1.03 -0.16	38.71 -0.99 -0.09	44.52 -1.13 -0.29	53.68 -1.14 -0.55	60.41 -0.79 -0.67	63.37 -0.31 -0.70	63.83 -0.31 -0.83	54.61 -0.22 -0.56	47.02 -0.23 -0.36	39.74 -0.20 -0.12
S.PERRY___115KV_TB1 80734	38.98 -0.67 0.00	35.71 -0.54 0.00	33.58 -0.51 0.00	31.94 -0.45 0.00	32.55 -0.46 0.00	35.18 -0.54 0.00	38.93 -0.96 0.00	43.10 -1.29 0.00	40.37 -1.94 -0.04	38.68 -1.91 0.00	37.53 -1.90 0.06	37.17 -1.85 0.32	37.33 -1.77 0.28	38.05 -1.64 0.31	39.00 -1.86 0.51	37.60 -1.70 0.30	42.42 -2.04 0.91	50.72 -1.79 1.75	57.24 -1.15 2.13	60.51 -0.25 2.22	60.36 -0.32 2.63	51.95 -0.54 1.77	44.88 -0.89 1.13	38.71 -0.72 0.39
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.61 -4.04 0.00	32.78 -3.48 0.00	30.89 -3.20 0.00	29.41 -2.98 0.00	29.84 -3.17 0.00	32.25 -3.46 0.00	35.14 -4.75 0.00	39.37 -5.02 0.00	37.15 -5.12 0.01	35.88 -4.71 0.00	34.99 -4.42 0.07	34.79 -4.17 0.38	35.07 -3.98 0.33	35.87 -3.76 0.36	36.43 -4.34 0.60	35.25 -4.00 0.35	39.44 -4.85 1.07	46.82 -5.37 2.07	52.25 -5.75 2.52	54.49 -5.86 2.63	53.86 -6.33 3.11	46.52 -5.64 2.10	40.59 -4.97 1.33	35.37 -3.98 0.46
SAWYER___23_KV_LOAD 55526	35.61 -4.04 0.00	32.78 -3.48 0.00	30.89 -3.20 0.00	29.41 -2.98 0.00	29.84 -3.17 0.00	32.25 -3.46 0.00	35.14 -4.75 0.00	39.37 -5.02 0.00	37.15 -5.12 0.01	35.88 -4.71 0.00	34.99 -4.42 0.07	34.79 -4.17 0.38	35.07 -3.98 0.33	35.87 -3.76 0.36	36.43 -4.34 0.60	35.25 -4.00 0.35	39.44 -4.85 1.07	46.82 -5.37 2.07	52.25 -5.75 2.52	54.49 -5.86 2.63	53.86 -6.33 3.11	46.52 -5.64 2.10	40.59 -4.97 1.33	35.37 -3.98 0.46
SELKIRK___I 23801	40.32 0.67 0.00	37.02 0.76 0.00	34.88 0.78 0.00	33.08 0.68 0.00	33.67 0.66 0.00	36.32 0.61 0.00	40.68 0.80 0.00	45.28 0.89 0.00	43.08 0.80 0.00	41.28 0.69 0.00	40.15 0.67 0.00	40.05 0.71 0.00	40.09 0.71 0.00	40.75 0.76 0.00	42.19 0.83 0.00	40.47 0.87 0.00	46.32 0.95 0.00	55.51 1.25 0.00	61.86 1.33 0.00	64.43 1.45 0.00	64.45 1.14 0.00	55.29 1.03 0.00	47.79 0.89 0.00	40.65 0.84 0.00
SELKIRK___II 23799	40.05 0.40 0.00	36.70 0.44 0.00	34.60 0.51 0.00	32.81 0.42 0.00	33.41 0.40 0.00	36.03 0.32 0.00	40.40 0.52 0.00	45.01 0.62 0.00	42.91 0.64 0.00	41.24 0.65 0.00	40.15 0.67 0.00	40.09 0.75 0.00	40.13 0.75 0.00	40.80 0.80 0.00	42.24 0.87 0.00	40.52 0.91 0.00	46.32 0.95 0.00	55.46 1.19 0.00	61.62 1.09 0.00	63.99 1.00 0.00	64.01 0.70 0.00	54.86 0.60 0.00	47.46 0.56 0.00	40.33 0.52 0.00
SENECA OSWGO___HYD 24041	38.82 -0.83 0.00	35.53 -0.72 0.00	33.44 -0.65 0.00	31.78 -0.62 0.00	32.35 -0.66 0.00	35.00 -0.71 0.00	39.13 -0.76 0.00	43.41 -0.98 0.00	41.22 -1.06 0.00	39.62 -0.97 0.00	38.51 -1.03 -0.05	38.57 -1.06 -0.28	38.57 -1.06 -0.25	39.19 -1.08 -0.27	40.74 -1.08 -0.45	38.84 -1.03 -0.27	45.01 -1.18 -0.82	54.54 -1.30 -1.58	61.12 -1.33 -1.92	63.79 -1.20 -2.00	64.35 -1.33 -2.37	54.72 -1.14 -1.60	46.79 -1.13 -1.01	39.21 -0.96 -0.35
SENECA___115KV_TB3 355854	35.96 -3.69 0.00	33.10 -3.15 0.00	31.16 -2.93 0.00	29.71 -2.69 0.00	30.14 -2.87 0.00	32.57 -3.14 0.00	35.86 -4.03 0.00	39.82 -4.57 0.00	37.53 -4.73 0.01	36.25 -4.34 0.00	35.38 -4.03 0.07	34.92 -4.05 0.37	35.24 -3.82 0.32	35.97 -3.68 0.35	36.69 -4.10 0.58	35.38 -3.88 0.34	39.89 -4.44 1.04	47.11 -5.16 2.00	53.01 -5.08 2.43	55.28 -5.16 2.54	54.29 -6.02 3.01	47.13 -5.10 2.03	40.88 -4.73 1.28	35.43 -3.94 0.44
SENECA___ENERGY 23797	39.06 -0.59 0.00	35.75 -0.51 0.00	33.58 -0.51 0.00	31.94 -0.45 0.00	32.52 -0.49 0.00	35.18 -0.53 0.00	39.33 -0.56 0.00	43.41 -0.98 0.00	41.09 -1.18 0.00	39.50 -1.09 0.00	38.44 -1.03 0.02	38.16 -1.10 0.08	38.24 -1.06 0.07	38.92 -1.00 0.08	40.20 -1.03 0.13	38.44 -1.07 0.10	43.90 -1.18 0.29	52.46 -1.25 0.56	58.87 -0.97 0.68	61.58 -0.69 0.71	61.45 -1.02 0.84	53.05 -0.65 0.57	45.78 -0.75 0.36	39.01 -0.68 0.12
SHOEMAKER___GT 23640	40.92 1.27 0.00	37.53 1.27 0.00	35.28 1.19 0.00	33.43 1.04 0.00	34.00 0.99 0.00	36.68 0.96 0.00	41.28 1.40 0.00	46.25 1.86 0.00	44.35 2.07 0.00	42.50 1.91 0.00	41.65 2.17 0.00	41.58 2.24 0.00	40.32 2.32 1.39	36.84 2.40 5.56	28.14 2.52 15.75	19.50 2.46 22.56	48.46 3.09 0.00	57.96 3.69 0.00	63.91 3.39 0.00	66.25 3.27 0.00	65.91 2.60 0.00	56.49 2.23 0.00	48.91 2.02 0.00	41.45 1.63 0.00
SHOEMAKR_138KV_BK 111 55601	40.92 1.27 0.00	37.49 1.23 0.00	35.32 1.23 0.00	33.53 1.13 0.00	34.00 0.99 0.00	36.68 0.96 0.00	41.36 1.48 0.00	46.25 1.86 0.00	44.35 2.07 0.00	42.54 1.95 0.00	41.73 2.25 0.00	41.62 2.28 0.00	39.41 2.36 2.33	33.08 2.44 9.36	17.42 2.56 26.52	4.10 2.50 37.99	48.50 3.13 0.00	57.95 3.69 0.00	63.98 3.45 0.00	66.26 3.28 0.00	65.91 2.60 0.00	56.49 2.22 0.00	48.91 2.02 0.00	41.45 1.63 0.00
SHOREHAM_IC_1 23715	42.23 2.58 0.00	38.65 2.39 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.66 1.65 0.00	36.89 1.18 0.00	41.52 1.64 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.53 4.03 -0.02	47.07 4.09 -3.64	48.23 4.22 -4.64	48.96 4.36 -4.60	50.07 4.51 -4.19	52.33 4.20 -8.53	52.54 5.49 -1.68	62.55 6.35 -1.94	67.32 5.87 -0.92	70.08 5.42 -1.68	67.17 3.86 0.00	57.46 3.20 0.01	50.18 3.28 0.00	43.44 3.62 0.00
SHOREHAM_IC_2 23716	42.23 2.58 0.00	38.65 2.39 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.66 1.65 0.00	36.89 1.18 0.00	41.52 1.64 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.76 3.17 0.00	43.53 4.03 -0.02	47.07 4.09 -3.64	48.23 4.22 -4.64	48.96 4.36 -4.60	50.07 4.51 -4.19	52.33 4.20 -8.53	52.54 5.49 -1.68	62.55 6.35 -1.94	67.32 5.87 -0.92	70.08 5.42 -1.68	67.17 3.86 0.00	57.46 3.20 0.01	50.18 3.28 0.00	43.44 3.62 0.00
SISSONVILLE____ 23735	39.61 -0.04 0.00	36.11 -0.15 0.00	33.82 -0.27 0.00	32.20 -0.19 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.77 -0.12 0.00	44.12 -0.27 0.00	41.81 -0.47 0.00	40.02 -0.57 0.00	38.73 -0.75 0.00	38.48 -0.87 0.00	38.16 -1.22 0.00	38.48 -1.52 0.00	39.59 -1.78 0.00	37.82 -1.78 0.00	43.37 -2.00 0.00	51.82 -2.44 0.00	58.47 -2.06 0.00	61.28 -1.70 0.00	62.17 -1.14 0.00	53.45 -0.81 0.00	46.33 -0.56 0.00	39.69 -0.12 0.00
SITHE_IND_GS1 24169	38.46 -1.19 0.00	35.21 -1.05 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.06 -0.96 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.21 -1.38 0.00	37.56 -1.42 0.50	35.17 -1.45 2.72	35.59 -1.42 2.37	35.96 -1.44 2.60	35.59 -1.49 4.29	35.59 -1.42 2.59	35.84 -1.63 7.90	37.13 -1.90 15.23	39.99 -2.00 18.54	41.63 -2.02 19.33	38.25 -2.15 22.91	37.00 -1.85 15.42	35.42 -1.69 9.79	35.00 -1.43 3.38

SITHE_IND_GS2 24170	38.46 -1.19 0.00	35.21 -1.05 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.06 -0.96 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.21 -1.38 0.00	37.56 -1.42 0.50	35.17 -1.45 2.72	35.59 -1.42 2.37	35.96 -1.44 2.60	35.59 -1.49 4.29	35.59 -1.42 2.59	35.84 -1.63 7.90	37.13 -1.90 15.23	39.99 -2.00 18.54	41.63 -2.02 19.33	38.25 -2.15 22.91	37.00 -1.85 15.42	35.42 -1.69 9.79	35.00 -1.43 3.38
SITHE_IND_GS3 24171	38.46 -1.19 0.00	35.21 -1.05 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.06 -0.96 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.21 -1.38 0.00	37.56 -1.42 0.50	35.17 -1.45 2.72	35.59 -1.42 2.37	35.96 -1.44 2.60	35.59 -1.49 4.29	35.59 -1.42 2.59	35.84 -1.63 7.90	37.13 -1.90 15.23	39.99 -2.00 18.54	41.63 -2.02 19.33	38.25 -2.15 22.91	37.00 -1.85 15.42	35.42 -1.69 9.79	35.00 -1.43 3.38
SITHE_IND_GS4 24172	38.46 -1.19 0.00	35.21 -1.05 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.06 -0.96 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.21 -1.38 0.00	37.56 -1.42 0.50	35.17 -1.45 2.72	35.59 -1.42 2.37	35.96 -1.44 2.60	35.59 -1.49 4.29	35.59 -1.42 2.59	35.84 -1.63 7.90	37.13 -1.90 15.23	39.99 -2.00 18.54	41.63 -2.02 19.33	38.25 -2.15 22.91	37.00 -1.85 15.42	35.42 -1.69 9.79	35.00 -1.43 3.38
SITHE___BATAVIA 24024	36.95 -2.70 0.00	33.98 -2.28 0.00	31.84 -2.25 0.00	30.48 -1.91 0.00	31.00 -2.01 0.00	33.43 -2.29 0.00	36.90 -2.99 0.00	40.88 -3.51 0.00	38.46 -3.80 0.01	37.18 -3.41 0.00	36.52 -2.88 0.08	35.95 -2.99 0.40	36.28 -2.76 0.35	37.02 -2.60 0.38	37.80 -2.94 0.63	36.35 -2.89 0.37	40.94 -3.31 1.12	48.46 -3.64 2.16	54.87 -3.02 2.64	57.46 -2.77 2.75	56.45 -3.61 3.26	49.03 -3.04 2.19	42.32 -3.19 1.39	36.75 -2.59 0.48
SITHE___INDEPEND 23800	38.46 -1.19 0.00	35.21 -1.05 0.00	33.10 -0.99 0.00	31.45 -0.94 0.00	32.06 -0.96 0.00	34.64 -1.07 0.00	38.69 -1.20 0.00	42.97 -1.42 0.00	40.84 -1.44 0.00	39.21 -1.38 0.00	37.52 -1.46 0.50	35.17 -1.46 2.72	35.59 -1.42 2.37	35.96 -1.44 2.60	35.59 -1.49 4.29	35.59 -1.43 2.59	35.79 -1.68 7.90	37.13 -1.90 15.23	39.92 -2.06 18.54	41.63 -2.02 19.33	38.25 -2.15 22.91	37.00 -1.84 15.42	35.42 -1.69 9.79	35.00 -1.43 3.38
SITHE___MASSENA 23902	39.89 0.24 0.00	36.37 0.11 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.48 0.09 0.00	42.28 0.00 0.00	40.51 -0.08 0.00	39.25 -0.24 0.00	39.02 -0.32 0.00	38.99 -0.39 0.00	39.44 -0.56 0.00	40.70 -0.66 0.00	38.89 -0.71 0.00	44.60 -0.77 0.00	53.18 -1.08 0.00	59.74 -0.79 0.00	62.41 -0.57 0.00	63.25 -0.06 0.00	54.21 -0.05 0.00	46.90 0.00 0.00	39.93 0.12 0.00
SITHE___OGDNSBRG 24021	40.24 0.59 0.00	36.66 0.40 0.00	34.33 0.24 0.00	32.72 0.32 0.00	33.41 0.40 0.00	36.28 0.57 0.00	40.37 0.48 0.00	44.70 0.31 0.00	42.28 0.00 0.00	40.43 -0.16 0.00	39.09 -0.39 0.00	38.83 -0.51 0.00	38.67 -0.71 0.00	39.04 -0.96 0.00	40.25 -1.12 0.00	38.50 -1.11 0.00	44.19 -1.18 0.00	52.74 -1.52 0.00	59.62 -0.91 0.00	62.73 -0.25 0.00	63.69 0.38 0.00	54.64 0.38 0.00	47.27 0.38 0.00	40.37 0.56 0.00
SITHE___STERLING 23777	40.32 0.67 0.00	36.91 0.65 0.00	34.71 0.61 0.00	33.01 0.61 0.00	33.57 0.56 0.00	36.39 0.68 0.00	40.68 0.80 0.00	45.19 0.80 0.00	42.74 0.47 0.00	41.00 0.41 0.00	39.74 0.28 0.02	39.50 0.24 0.08	39.47 0.16 0.07	40.04 0.12 0.08	41.36 0.12 0.13	39.64 0.12 0.08	45.35 0.23 0.25	54.39 0.60 0.47	61.04 1.09 0.58	64.01 1.63 0.60	64.11 1.52 0.71	55.14 1.36 0.48	47.62 1.03 0.30	40.58 0.87 0.11
SLEIGHT__34_KV_TB1 80719	38.10 -1.55 0.00	34.92 -1.34 0.00	32.83 -1.26 0.00	31.23 -1.17 0.00	31.83 -1.19 0.00	34.39 -1.32 0.00	38.25 -1.64 0.00	44.75 0.36 0.00	42.32 0.04 0.00	40.67 0.08 0.00	39.49 0.04 0.03	39.19 0.00 0.15	39.29 0.04 0.13	39.89 0.04 0.14	41.22 0.08 0.23	37.72 -1.58 0.30	42.55 -1.91 0.91	50.60 -1.90 1.76	56.57 -1.82 2.14	59.17 -1.57 2.23	58.83 -1.84 2.65	50.80 -1.68 1.78	44.03 -1.74 1.13	37.99 -1.43 0.39
SOUTH CAIRO___GT 23612	41.12 1.47 0.00	37.71 1.45 0.00	35.56 1.47 0.00	33.72 1.33 0.00	34.27 1.25 0.00	37.07 1.36 0.00	41.56 1.68 0.00	46.17 1.78 0.00	43.67 1.40 0.00	41.69 1.10 0.00	40.47 0.99 0.00	40.36 1.02 0.00	40.40 1.02 0.00	41.08 1.08 0.00	42.61 1.24 0.00	40.99 1.39 0.00	47.14 1.77 0.00	56.87 2.60 0.00	63.67 3.15 0.00	66.44 3.46 0.00	66.29 2.98 0.00	56.87 2.60 0.00	49.05 2.16 0.00	41.61 1.79 0.00
SOUTH HAMPTN___IC 23720	42.98 3.33 0.00	39.34 3.08 0.00	36.72 2.63 0.00	34.76 2.36 0.00	35.26 2.25 0.00	37.50 1.78 0.00	42.20 2.31 0.00	47.81 3.42 0.00	46.50 4.23 0.00	44.61 4.02 0.00	44.43 4.93 -0.02	47.98 5.00 -3.64	49.13 5.12 -4.64	49.88 5.28 -4.60	51.06 5.50 -4.19	53.24 5.15 -8.49	53.65 6.62 -1.66	63.94 7.76 -1.92	68.82 7.38 -0.91	71.56 6.93 -1.65	68.50 5.19 0.00	58.60 4.34 0.01	51.02 4.13 0.00	44.12 4.30 0.00
SOUTHDOW__115KV_TB1 355954	36.52 -3.13 0.00	33.61 -2.65 0.00	31.71 -2.39 0.00	30.22 -2.17 0.00	30.64 -2.38 0.00	33.21 -2.50 0.00	36.46 -3.43 0.00	40.71 -3.68 0.00	38.42 -3.85 0.01	37.10 -3.49 0.00	35.79 -3.63 0.06	35.42 -3.58 0.34	35.73 -3.35 0.30	36.43 -3.24 0.33	37.02 -3.81 0.54	35.80 -3.49 0.32	40.27 -4.13 0.98	47.77 -4.61 1.88	53.45 -4.78 2.29	55.93 -4.66 2.39	55.10 -5.38 2.83	47.41 -4.94 1.91	41.23 -4.46 1.21	35.89 -3.50 0.42
SOUTHOLD_69_KV_BK 2 55809	43.73 4.08 0.00	39.88 3.63 0.00	37.67 3.58 0.00	35.63 3.24 0.00	35.85 2.84 0.00	38.07 2.36 0.00	43.44 3.55 0.00	48.61 4.22 0.00	47.31 5.03 0.00	45.38 4.79 0.00	45.30 5.80 -0.02	48.80 5.82 -3.64	49.96 5.95 -4.64	50.76 6.16 -4.60	52.01 6.45 -4.19	54.12 6.02 -8.49	54.74 7.71 -1.66	65.30 9.12 -1.92	70.51 9.08 -0.91	73.33 8.69 -1.66	69.83 6.52 0.00	59.74 5.48 0.00	52.01 5.11 0.00	44.67 4.86 0.00
SOUTHOLD___IC 23719	43.73 4.08 0.00	39.99 3.74 0.00	37.30 3.20 0.00	35.31 2.92 0.00	35.85 2.84 0.00	38.07 2.36 0.00	42.84 2.95 0.00	48.61 4.22 0.00	47.30 5.03 0.00	45.38 4.79 0.00	45.26 5.76 -0.02	48.80 5.82 -3.64	49.96 5.95 -4.64	50.76 6.16 -4.60	51.93 6.37 -4.19	54.12 6.02 -8.49	54.74 7.71 -1.66	65.30 9.11 -1.92	70.33 8.90 -0.91	73.08 8.44 -1.66	69.83 6.52 0.00	59.68 5.43 0.01	51.92 5.02 0.00	44.75 4.94 0.00
SOUTH_FORK_WT_PWR 323839	43.85 4.20 0.00	40.14 3.88 0.00	37.43 3.34 0.00	35.41 3.01 0.00	35.95 2.94 0.00	38.14 2.43 0.00	42.96 3.07 0.00	48.74 4.35 0.00	47.43 5.16 0.00	45.54 4.95 0.00	45.38 5.88 -0.02	48.92 5.94 -3.64	50.08 6.06 -4.64	50.88 6.28 -4.60	52.05 6.49 -4.19	54.24 6.14 -8.49	54.88 7.85 -1.66	65.46 9.28 -1.92	70.51 9.08 -0.91	73.27 8.63 -1.66	70.01 6.71 0.00	59.85 5.59 0.01	52.01 5.11 0.00	44.87 5.06 0.00

SPIERFLS_115KV_TB 1 80737	41.99 2.34 0.00	38.58 2.32 0.00	36.31 2.22 0.00	34.44 2.04 0.00	35.09 2.08 0.00	37.96 2.25 0.00	42.52 2.63 0.00	47.28 2.89 0.00	44.69 2.41 0.00	42.78 2.19 0.00	41.14 1.66 0.00	40.99 1.65 0.00	40.80 1.42 0.00	41.36 1.36 0.00	42.90 1.53 0.00	41.23 1.62 0.00	46.14 0.77 0.00	55.19 0.92 0.00	62.58 2.06 0.00	65.50 2.52 0.00	66.10 2.79 0.00	56.49 2.22 0.00	48.63 1.74 0.00	41.21 1.39 0.00
ST LAWRENCE____ 23600	39.61 -0.04 0.00	36.11 -0.14 0.00	33.89 -0.20 0.00	32.27 -0.13 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.73 -0.16 0.00	44.17 -0.22 0.00	42.02 -0.25 0.00	40.31 -0.28 0.00	39.09 -0.39 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.44 -0.56 0.00	40.75 -0.62 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.23 -1.03 0.00	59.62 -0.91 0.00	62.16 -0.82 0.00	62.93 -0.38 0.00	53.89 -0.38 0.00	46.62 -0.28 0.00	39.66 -0.16 0.00
STATE_CA_115KV_115_LB 55624	40.13 0.48 0.00	36.84 0.58 0.00	34.71 0.61 0.00	32.91 0.52 0.00	33.51 0.50 0.00	36.14 0.43 0.00	40.57 0.68 0.00	45.14 0.75 0.00	43.04 0.76 0.00	41.32 0.73 0.00	40.27 0.79 0.00	40.17 0.83 0.00	40.21 0.83 0.00	40.88 0.88 0.00	42.36 0.99 0.00	40.67 1.07 0.00	46.50 1.13 0.00	55.57 1.30 0.00	61.86 1.33 0.00	64.30 1.32 0.00	64.26 0.95 0.00	55.08 0.81 0.00	47.55 0.66 0.00	40.45 0.64 0.00
STATE_ST_34_KV_LOAD 55959	39.49 -0.16 0.00	36.15 -0.11 0.00	33.96 -0.14 0.00	32.30 -0.10 0.00	32.88 -0.13 0.00	35.57 -0.14 0.00	39.73 -0.16 0.00	44.30 -0.09 0.00	41.94 -0.34 0.00	40.27 -0.32 0.00	39.09 -0.39 0.00	38.95 -0.39 0.00	38.99 -0.39 0.00	39.64 -0.36 0.00	41.04 -0.33 0.00	39.05 -0.55 0.00	44.73 -0.64 0.00	53.78 -0.49 0.00	60.22 -0.30 0.00	62.98 0.00 0.00	63.18 -0.13 0.00	54.16 -0.11 0.00	46.66 -0.23 0.00	39.58 -0.24 0.00
STATION 5_MISC_HYD 23604	37.67 -1.98 0.00	34.52 -1.74 0.00	32.49 -1.60 0.00	30.90 -1.49 0.00	31.50 -1.52 0.00	34.00 -1.71 0.00	37.81 -2.08 0.00	41.99 -2.40 0.00	39.74 -2.54 0.00	38.40 -2.19 0.00	37.71 -1.70 0.08	37.15 -1.77 0.42	37.36 -1.65 0.37	38.08 -1.52 0.40	38.97 -1.74 0.66	37.40 -1.82 0.39	42.11 -2.09 1.18	49.77 -2.23 2.27	55.95 -1.81 2.76	58.40 -1.70 2.88	57.55 -2.34 3.42	50.01 -1.95 2.30	43.28 -2.16 1.46	37.52 -1.79 0.50
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.26 -1.39 0.00	35.03 -1.23 0.00	32.93 -1.16 0.00	31.33 -1.07 0.00	31.92 -1.09 0.00	34.50 -1.21 0.00	38.33 -1.56 0.00	42.61 -1.78 0.00	40.33 -1.94 0.00	38.85 -1.75 0.00	37.84 -1.58 0.06	37.49 -1.53 0.32	37.65 -1.46 0.28	38.34 -1.36 0.30	39.30 -1.57 0.50	37.81 -1.50 0.29	42.67 -1.81 0.89	50.76 -1.79 1.71	56.81 -1.63 2.08	59.36 -1.45 2.17	59.03 -1.71 2.57	50.96 -1.57 1.73	44.25 -1.55 1.10	38.16 -1.27 0.38
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.47 -2.18 0.00	34.34 -1.92 0.00	32.29 -1.81 0.00	30.71 -1.68 0.00	31.30 -1.72 0.00	33.78 -1.93 0.00	37.41 -2.47 0.00	41.73 -2.66 0.00	39.53 -2.75 0.00	38.16 -2.44 0.00	37.27 -2.13 0.08	36.92 -2.01 0.42	37.12 -1.89 0.37	37.84 -1.76 0.40	38.64 -2.07 0.66	37.24 -1.98 0.38	41.84 -2.36 1.17	49.57 -2.44 2.25	55.42 -2.36 2.74	57.85 -2.27 2.86	57.33 -2.60 3.39	49.54 -2.44 2.28	43.10 -2.34 1.45	37.40 -1.91 0.50
STA_56____34_KV_BUS2 355983	37.47 -2.18 0.00	34.34 -1.92 0.00	32.29 -1.81 0.00	30.71 -1.68 0.00	31.30 -1.72 0.00	33.78 -1.93 0.00	37.41 -2.47 0.00	41.73 -2.66 0.00	39.53 -2.75 0.00	38.16 -2.44 0.00	37.27 -2.13 0.08	36.92 -2.01 0.42	37.12 -1.89 0.37	37.84 -1.76 0.40	38.64 -2.07 0.66	37.24 -1.98 0.38	41.84 -2.36 1.17	49.57 -2.44 2.25	55.42 -2.36 2.74	57.85 -2.27 2.86	57.33 -2.60 3.39	49.54 -2.44 2.28	43.10 -2.34 1.45	37.40 -1.91 0.50
STA_67____115KV_BK2 355882	37.55 -2.10 0.00	34.41 -1.85 0.00	32.35 -1.74 0.00	30.81 -1.59 0.00	31.36 -1.65 0.00	33.86 -1.86 0.00	37.49 -2.39 0.00	41.82 -2.57 0.00	39.57 -2.71 0.00	38.24 -2.35 0.00	37.35 -2.05 0.08	36.99 -1.93 0.42	37.20 -1.81 0.37	37.92 -1.68 0.40	38.72 -1.99 0.66	37.32 -1.90 0.39	41.83 -2.36 1.18	49.66 -2.33 2.27	55.52 -2.24 2.77	57.95 -2.14 2.88	57.42 -2.47 3.42	49.63 -2.33 2.30	43.14 -2.30 1.46	37.48 -1.83 0.50
STA_7____115KV_9TRANS 80674	37.91 -1.74 0.00	34.74 -1.52 0.00	32.66 -1.43 0.00	31.07 -1.33 0.00	31.66 -1.35 0.00	34.18 -1.54 0.00	37.81 -2.07 0.00	42.21 -2.18 0.00	39.99 -2.28 0.00	38.64 -1.95 0.00	37.75 -1.66 0.08	37.39 -1.53 0.42	37.63 -1.38 0.37	38.31 -1.28 0.40	39.13 -1.57 0.66	37.55 -1.66 0.39	42.15 -2.04 1.18	50.04 -1.95 2.27	56.00 -1.76 2.77	58.52 -1.57 2.89	57.93 -1.96 3.42	50.01 -1.95 2.30	43.47 -1.97 1.46	37.72 -1.59 0.51
STA_82____115KV_TB1 80780	37.51 -2.14 0.00	34.37 -1.89 0.00	32.32 -1.77 0.00	30.74 -1.65 0.00	31.33 -1.68 0.00	33.82 -1.89 0.00	37.41 -2.47 0.00	41.77 -2.62 0.00	39.53 -2.75 0.00	38.16 -2.44 0.00	37.27 -2.13 0.08	36.92 -2.01 0.42	37.13 -1.89 0.36	37.84 -1.76 0.40	38.64 -2.07 0.66	37.28 -1.94 0.38	41.79 -2.40 1.17	49.62 -2.39 2.26	55.48 -2.30 2.75	57.91 -2.20 2.86	57.38 -2.53 3.39	49.59 -2.39 2.28	43.10 -2.34 1.45	37.44 -1.87 0.50
STEEL____WIND 323596	35.92 -3.73 0.00	33.07 -3.19 0.00	31.13 -2.97 0.00	29.67 -2.72 0.00	30.11 -2.91 0.00	32.53 -3.18 0.00	35.82 -4.07 0.00	39.77 -4.62 0.00	37.53 -4.73 0.01	36.25 -4.34 0.00	35.34 -4.07 0.07	34.88 -4.09 0.37	35.20 -3.86 0.32	35.97 -3.68 0.35	36.65 -4.14 0.58	35.34 -3.92 0.34	39.84 -4.49 1.04	47.05 -5.21 2.00	52.95 -5.14 2.43	55.22 -5.23 2.54	54.22 -6.08 3.01	47.13 -5.10 2.03	40.83 -4.78 1.28	35.43 -3.94 0.44
STEPHTWN_115KV_BK_2 55603	40.24 0.59 0.00	36.91 0.65 0.00	34.81 0.72 0.00	33.01 0.62 0.00	33.61 0.59 0.00	36.25 0.54 0.00	40.73 0.84 0.00	45.28 0.89 0.00	43.12 0.85 0.00	41.40 0.81 0.00	40.31 0.83 0.00	40.25 0.90 0.00	40.25 0.87 0.00	40.96 0.96 0.00	42.44 1.08 0.00	40.79 1.19 0.00	46.69 1.32 0.00	55.84 1.57 0.00	62.22 1.69 0.00	64.62 1.64 0.00	64.58 1.27 0.00	55.35 1.09 0.00	47.79 0.89 0.00	40.61 0.80 0.00
STEBEN_REC_LFGE 323667	38.50 -1.15 0.00	35.32 -0.94 0.00	33.24 -0.85 0.00	31.58 -0.81 0.00	32.06 -0.96 0.00	34.61 -1.11 0.00	38.25 -1.64 0.00	42.30 -2.09 0.00	39.72 -2.58 -0.03	38.07 -2.52 0.00	36.87 -2.57 0.04	36.56 -2.56 0.22	36.67 -2.52 0.19	37.35 -2.44 0.21	38.29 -2.73 0.35	36.79 -2.61 0.20	41.71 -3.04 0.62	49.75 -3.31 1.20	55.92 -3.15 1.46	58.94 -2.52 1.52	58.85 -2.66 1.80	50.71 -2.33 1.22	43.87 -2.25 0.77	37.64 -1.91 0.27
STILLWATER____SOLAR 323814	41.19 1.54 0.00	37.82 1.56 0.00	35.63 1.54 0.00	33.82 1.42 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.68 1.80 0.00	46.34 1.95 0.00	43.97 1.69 0.00	42.17 1.58 0.00	40.82 1.34 0.00	40.68 1.34 0.00	40.64 1.26 0.00	41.31 1.32 0.00	42.82 1.45 0.00	41.15 1.54 0.00	46.86 1.49 0.00	56.16 1.90 0.00	62.95 2.42 0.00	65.63 2.64 0.00	65.85 2.54 0.00	56.44 2.17 0.00	48.68 1.78 0.00	41.29 1.47 0.00

STONY___BROOK 24151	42.54 2.89 0.00	38.90 2.65 0.00	36.34 2.25 0.00	34.34 1.94 0.00	34.89 1.88 0.00	37.21 1.50 0.00	42.00 2.11 0.00	47.50 3.11 0.00	46.08 3.81 0.00	44.25 3.65 0.00	43.88 4.38 -0.02	47.42 4.44 -3.64	48.58 4.57 -4.64	49.32 4.72 -4.60	50.52 4.96 -4.19	52.83 4.63 -8.59	52.99 5.90 -1.72	63.04 6.78 -1.99	67.76 6.29 -0.95	70.56 5.86 -1.72	67.67 4.37 0.00	58.00 3.74 0.01	50.51 3.61 0.00	43.60 3.78 0.00
STURGEON_POOL_HYD 23609	41.59 1.94 0.00	38.07 1.81 0.00	35.90 1.81 0.00	34.05 1.65 0.00	34.47 1.45 0.00	37.18 1.46 0.00	42.00 2.11 0.00	47.10 2.71 0.00	45.28 3.00 0.00	43.39 2.80 0.00	42.68 3.20 0.00	42.57 3.23 0.00	42.73 3.35 0.00	43.44 3.44 0.00	44.97 3.60 0.00	43.09 3.49 0.00	49.77 4.40 0.00	59.58 5.32 0.00	65.55 5.02 0.00	67.77 4.79 0.00	67.11 3.80 0.00	57.57 3.31 0.00	49.85 2.95 0.00	42.20 2.39 0.00
ST_LAW_115_BK7_LBMP 345037	39.61 -0.04 0.00	36.11 -0.14 0.00	33.86 -0.24 0.00	32.23 -0.16 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.73 -0.16 0.00	44.17 -0.22 0.00	41.98 -0.29 0.00	40.26 -0.33 0.00	39.09 -0.39 0.00	38.87 -0.47 0.00	38.87 -0.51 0.00	39.36 -0.64 0.00	40.66 -0.70 0.00	38.89 -0.71 0.00	44.55 -0.82 0.00	53.07 -1.19 0.00	59.50 -1.03 0.00	62.04 -0.94 0.00	62.87 -0.44 0.00	53.83 -0.44 0.00	46.62 -0.28 0.00	39.62 -0.20 0.00
ST_LAW_115_BK8_LBMP 345038	39.61 -0.04 0.00	36.11 -0.14 0.00	33.86 -0.24 0.00	32.23 -0.16 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.73 -0.16 0.00	44.17 -0.22 0.00	41.98 -0.29 0.00	40.26 -0.33 0.00	39.09 -0.39 0.00	38.87 -0.47 0.00	38.87 -0.51 0.00	39.36 -0.64 0.00	40.66 -0.70 0.00	38.89 -0.71 0.00	44.55 -0.82 0.00	53.07 -1.19 0.00	59.50 -1.03 0.00	62.04 -0.94 0.00	62.87 -0.44 0.00	53.83 -0.44 0.00	46.62 -0.28 0.00	39.62 -0.20 0.00
ST_LAW_230_BK5_LBMP 345035	39.61 -0.04 0.00	36.11 -0.14 0.00	33.89 -0.20 0.00	32.27 -0.13 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.73 -0.16 0.00	44.17 -0.22 0.00	42.02 -0.25 0.00	40.31 -0.28 0.00	39.09 -0.39 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.44 -0.56 0.00	40.75 -0.62 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.23 -1.03 0.00	59.62 -0.91 0.00	62.16 -0.82 0.00	62.93 -0.38 0.00	53.89 -0.38 0.00	46.62 -0.28 0.00	39.66 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	39.61 -0.04 0.00	36.11 -0.14 0.00	33.89 -0.20 0.00	32.27 -0.13 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.73 -0.16 0.00	44.17 -0.22 0.00	42.02 -0.25 0.00	40.31 -0.28 0.00	39.09 -0.39 0.00	38.91 -0.43 0.00	38.91 -0.47 0.00	39.44 -0.56 0.00	40.75 -0.62 0.00	38.93 -0.67 0.00	44.64 -0.73 0.00	53.23 -1.03 0.00	59.62 -0.91 0.00	62.16 -0.82 0.00	62.93 -0.38 0.00	53.89 -0.38 0.00	46.62 -0.28 0.00	39.66 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.12 1.47 0.00	37.67 1.41 0.00	35.49 1.40 0.00	33.66 1.26 0.00	34.14 1.12 0.00	36.78 1.07 0.00	41.52 1.64 0.00	46.52 2.13 0.00	44.69 2.41 0.00	42.86 2.27 0.00	42.13 2.65 0.00	42.02 2.68 0.00	43.92 2.76 -1.78	49.97 2.84 -7.14	64.56 2.98 -20.22	71.46 2.89 -28.97	48.95 3.58 0.00	58.44 4.18 0.00	64.46 3.93 0.00	66.70 3.72 0.00	66.22 2.91 0.00	56.81 2.55 0.00	49.15 2.25 0.00	41.65 1.83 0.00
SWANROAD_115KV_TB1 355699	35.13 -4.52 0.00	32.49 -3.77 0.00	30.61 -3.48 0.00	29.15 -3.24 0.00	29.61 -3.40 0.00	31.86 -3.86 0.00	34.34 -5.54 0.00	38.53 -5.86 0.00	36.35 -5.92 0.01	35.11 -5.48 0.00	34.28 -5.13 0.07	34.12 -4.84 0.39	34.43 -4.61 0.34	35.23 -4.40 0.37	35.75 -5.01 0.61	34.57 -4.67 0.36	38.51 -5.76 1.10	45.75 -6.40 2.11	51.05 -6.90 2.57	53.24 -7.05 2.68	52.66 -7.47 3.18	45.44 -6.67 2.15	39.72 -5.82 1.36	34.73 -4.62 0.47
SYNERGY___BIOGAS 323694	36.95 -2.70 0.00	34.01 -2.25 0.00	31.98 -2.11 0.00	30.45 -1.94 0.00	31.00 -2.01 0.00	33.43 -2.29 0.00	36.58 -3.31 0.00	40.88 -3.51 0.00	38.46 -3.80 0.01	37.18 -3.41 0.00	36.25 -3.16 0.07	35.95 -2.99 0.40	36.28 -2.76 0.35	37.02 -2.60 0.38	37.68 -3.06 0.63	36.35 -2.89 0.37	40.71 -3.54 1.12	48.46 -3.64 2.16	54.50 -3.39 2.64	57.08 -3.15 2.75	56.45 -3.61 3.26	48.65 -3.42 2.19	42.22 -3.28 1.39	36.79 -2.55 0.48
SYRACUSE___ENERGY_ST1 323597	39.41 -0.24 0.00	36.08 -0.18 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.17 0.00	35.50 -0.21 0.00	39.65 -0.24 0.00	44.08 -0.31 0.00	41.85 -0.42 0.00	40.23 -0.37 0.00	39.01 -0.47 0.00	38.83 -0.51 0.00	38.91 -0.47 0.00	39.52 -0.48 0.00	40.91 -0.46 0.00	39.13 -0.48 0.00	44.78 -0.59 0.00	53.72 -0.54 0.00	60.04 -0.48 0.00	62.67 -0.31 0.00	62.87 -0.44 0.00	53.88 -0.38 0.00	46.47 -0.42 0.00	39.42 -0.40 0.00
SYRACUSE___ENERGY_ST2 323598	39.41 -0.24 0.00	36.08 -0.18 0.00	33.92 -0.17 0.00	32.23 -0.16 0.00	32.85 -0.17 0.00	35.50 -0.21 0.00	39.65 -0.24 0.00	44.08 -0.31 0.00	41.85 -0.42 0.00	40.23 -0.37 0.00	39.01 -0.47 0.00	38.83 -0.51 0.00	38.91 -0.47 0.00	39.52 -0.48 0.00	40.91 -0.46 0.00	39.13 -0.48 0.00	44.78 -0.59 0.00	53.72 -0.54 0.00	60.04 -0.48 0.00	62.67 -0.31 0.00	62.87 -0.44 0.00	53.88 -0.38 0.00	46.47 -0.42 0.00	39.42 -0.40 0.00
SYRACUSE___POWER 24017	39.33 -0.32 0.00	35.97 -0.29 0.00	33.82 -0.27 0.00	32.17 -0.23 0.00	32.75 -0.26 0.00	35.39 -0.32 0.00	39.57 -0.32 0.00	43.99 -0.40 0.00	41.77 -0.51 0.00	40.14 -0.45 0.00	38.91 -0.55 0.02	38.68 -0.55 0.11	38.73 -0.55 0.10	39.37 -0.52 0.11	40.69 -0.50 0.18	38.98 -0.51 0.11	44.43 -0.59 0.35	53.05 -0.54 0.67	59.23 -0.48 0.81	61.82 -0.31 0.85	61.80 -0.51 1.01	53.15 -0.43 0.68	46.00 -0.47 0.43	39.23 -0.44 0.15
TALLMAN__138KV_BK151 55660	41.32 1.67 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.30 1.29 0.00	36.96 1.25 0.00	41.76 1.87 0.00	46.83 2.44 0.00	45.02 2.75 0.00	43.19 2.60 0.00	42.52 3.04 0.00	42.41 3.07 0.00	43.50 3.15 -0.97	47.17 3.28 -3.89	55.79 3.39 -11.03	58.70 3.29 -15.81	49.45 4.08 0.00	58.98 4.72 0.00	64.88 4.36 0.00	67.07 4.09 0.00	66.60 3.29 0.00	57.09 2.82 0.00	49.48 2.58 0.00	41.88 2.07 0.00
TEALLAVE_115KV_TB7 355573	39.13 -0.52 0.00	35.82 -0.44 0.00	33.72 -0.38 0.00	32.04 -0.36 0.00	32.62 -0.40 0.00	35.28 -0.43 0.00	39.41 -0.48 0.00	43.81 -0.58 0.00	41.60 -0.68 0.00	39.98 -0.61 0.00	38.78 -0.67 0.03	38.52 -0.67 0.16	38.57 -0.67 0.14	39.21 -0.64 0.15	40.46 -0.66 0.25	38.82 -0.63 0.15	44.13 -0.77 0.47	52.60 -0.76 0.90	58.64 -0.79 1.10	61.21 -0.63 1.14	61.13 -0.82 1.36	52.65 -0.71 0.91	45.61 -0.70 0.58	38.98 -0.64 0.20
TELGRAPH_34_KV_EAST 80808	36.20 -3.45 0.00	33.36 -2.90 0.00	31.40 -2.69 0.00	29.90 -2.49 0.00	30.41 -2.61 0.00	32.78 -2.93 0.00	35.70 -4.19 0.00	39.95 -4.44 0.00	37.66 -4.61 0.01	36.41 -4.18 0.00	35.54 -3.87 0.07	35.29 -3.66 0.39	35.61 -3.43 0.34	36.34 -3.28 0.38	36.94 -3.81 0.62	35.71 -3.52 0.36	39.90 -4.36 1.11	47.45 -4.67 2.14	53.13 -4.78 2.61	55.54 -4.72 2.72	54.96 -5.13 3.23	47.37 -4.72 2.18	41.25 -4.27 1.38	35.95 -3.38 0.48

TEMPLE___115KV_TB 2 55572	39.17 -0.48 0.00	35.86 -0.40 0.00	33.72 -0.38 0.00	32.04 -0.36 0.00	32.65 -0.36 0.00	35.28 -0.43 0.00	39.41 -0.48 0.00	43.81 -0.58 0.00	41.64 -0.63 0.00	40.02 -0.57 0.00	38.82 -0.63 0.03	38.55 -0.63 0.16	38.61 -0.63 0.14	39.24 -0.60 0.15	40.50 -0.62 0.25	38.85 -0.59 0.16	44.17 -0.73 0.48	52.59 -0.76 0.92	58.68 -0.73 1.12	61.25 -0.57 1.16	61.17 -0.76 1.38	52.68 -0.65 0.93	45.60 -0.70 0.59	39.01 -0.60 0.20
TIANA___69_KV_BK 1 55817	42.78 3.13 0.00	39.01 2.76 0.00	36.89 2.80 0.00	34.89 2.49 0.00	35.09 2.08 0.00	37.32 1.61 0.00	42.56 2.67 0.00	47.59 3.20 0.00	46.25 3.97 0.00	44.41 3.82 -0.02	44.24 4.74 -3.64	47.74 4.76 -4.64	48.90 4.88 -4.64	49.64 5.04 -4.60	50.85 5.30 -4.19	53.01 4.91 -8.49	53.38 6.35 -1.66	63.56 7.38 -1.92	68.64 7.20 -0.91	71.44 6.80 -1.66	68.18 4.87 0.00	58.38 4.12 0.00	50.93 4.03 0.00	43.80 3.98 0.00
TILDEN___115KV_TB1 80814	39.33 -0.32 0.00	35.97 -0.29 0.00	33.82 -0.27 0.00	32.17 -0.23 0.00	32.75 -0.26 0.00	35.39 -0.32 0.00	39.57 -0.32 0.00	43.99 -0.40 0.00	41.77 -0.51 0.00	40.14 -0.45 0.00	38.91 -0.55 0.02	38.68 -0.55 0.11	38.73 -0.55 0.10	39.37 -0.52 0.11	40.69 -0.50 0.18	38.98 -0.51 0.11	44.43 -0.59 0.35	53.05 -0.54 0.67	59.23 -0.48 0.81	61.82 -0.31 0.85	61.80 -0.51 1.01	53.15 -0.43 0.68	46.00 -0.47 0.43	39.23 -0.44 0.15
TRIGEN___CC 323695	42.03 2.38 0.00	38.40 2.14 0.00	36.14 2.05 0.00	34.24 1.85 0.00	34.60 1.58 0.00	37.03 1.32 0.00	42.20 2.31 0.00	47.28 2.89 0.00	45.70 3.42 0.00	43.88 3.29 -0.02	43.49 3.99 -3.64	46.99 4.01 -4.64	48.11 4.10 -4.60	48.80 4.20 -4.19	49.94 4.38 -24.94	68.75 4.20 -12.50	62.91 5.04 -14.47	74.71 5.97 -6.88	73.16 5.75 -12.50	81.02 5.54 -0.01	67.50 4.18 -0.01	57.70 3.42 0.00	50.04 3.14 0.00	42.68 2.87 0.00
TRINITY___115KV___ 4 BK 55933	39.97 0.32 0.00	36.69 0.44 0.00	34.60 0.51 0.00	32.82 0.42 0.00	33.41 0.40 0.00	36.00 0.29 0.00	40.45 0.56 0.00	44.97 0.58 0.00	42.87 0.59 0.00	41.20 0.61 0.00	40.15 0.67 0.00	40.05 0.71 0.00	40.09 0.71 0.00	40.76 0.76 0.00	42.24 0.87 0.00	40.55 0.95 0.00	46.37 1.00 0.00	55.40 1.14 0.00	61.61 1.09 0.00	63.99 1.01 0.00	63.94 0.63 0.00	54.86 0.60 0.00	47.41 0.52 0.00	40.33 0.52 0.00
UNION___PROCESSING_DRP 323587	37.51 -2.14 0.00	34.37 -1.89 0.00	32.32 -1.77 0.00	30.74 -1.65 0.00	31.33 -1.68 0.00	33.82 -1.89 0.00	37.41 -2.47 0.00	41.77 -2.62 0.00	39.53 -2.75 0.00	38.16 -2.44 0.08	37.27 -2.13 0.41	36.92 -2.01 0.36	37.17 -1.85 0.40	37.84 -1.76 0.65	38.65 -2.07 0.38	37.28 -1.94 1.17	41.85 -2.36 2.25	49.63 -2.39 2.74	55.49 -2.30 2.85	57.92 -2.20 3.38	57.40 -2.53 2.27	49.60 -2.39 1.44	43.15 -2.30 1.44	37.44 -1.87 0.50
UPPER HUDSON___HYD 24058	41.99 2.34 0.00	38.58 2.32 0.00	36.31 2.21 0.00	34.47 2.08 0.00	35.10 2.08 0.00	37.96 2.25 0.00	42.52 2.63 0.00	47.27 2.88 0.00	44.68 2.41 0.00	42.78 2.19 0.00	41.14 1.66 0.00	40.99 1.65 0.00	40.80 1.42 0.00	41.36 1.36 0.00	42.90 1.53 0.00	41.23 1.62 0.00	46.09 0.72 0.00	55.19 0.92 0.00	62.58 2.06 0.00	65.50 2.52 0.00	66.09 2.78 0.00	56.44 2.17 0.00	48.63 1.74 0.00	41.21 1.39 0.00
UPPER RAQUET___HYD 24056	39.65 0.00 0.00	36.11 -0.14 0.00	33.82 -0.27 0.00	32.23 -0.16 0.00	32.92 -0.10 0.00	35.68 -0.04 0.00	39.77 -0.12 0.00	44.13 -0.26 0.00	41.81 -0.46 0.00	40.02 -0.57 0.00	38.73 -0.75 0.00	38.48 -0.87 0.00	38.16 -1.22 0.00	38.48 -1.52 0.00	39.59 -1.78 0.00	37.82 -1.78 0.00	43.37 -2.00 0.00	51.82 -2.44 0.00	58.47 -2.06 0.00	61.28 -1.70 0.00	62.17 -1.14 0.00	53.45 -0.81 0.00	46.34 -0.56 0.00	39.70 -0.12 0.00
VALLEY44___115KV_TB2 355964	35.80 -3.85 0.00	32.96 -3.30 0.00	31.02 -3.07 0.00	29.61 -2.79 0.00	30.01 -3.00 0.00	32.46 -3.25 0.00	35.62 -4.27 0.00	39.86 -4.53 0.00	37.66 -4.61 0.01	36.21 -4.38 0.00	34.40 -5.01 0.06	34.05 -4.96 0.34	34.28 -4.80 0.29	35.08 -4.60 0.32	35.71 -5.13 0.53	34.54 -4.75 0.31	38.93 -5.49 0.95	46.07 -6.35 1.84	51.38 -6.90 2.24	53.65 -6.99 2.34	53.13 -7.41 2.77	45.88 -6.51 1.87	39.85 -5.86 1.18	34.63 -4.78 0.41
VALLEY___115KV_TB 1-4 80826	39.97 0.32 0.00	36.62 0.36 0.00	34.47 0.38 0.00	32.75 0.36 0.00	33.34 0.33 0.00	36.07 0.36 0.00	40.33 0.44 0.00	44.88 0.49 0.00	42.70 0.42 0.00	41.00 0.41 0.00	39.84 0.36 0.00	39.70 0.35 0.00	39.66 0.28 0.00	40.28 0.28 0.00	41.62 0.25 0.00	39.80 0.20 0.00	45.51 0.14 0.00	54.43 0.16 0.00	60.77 0.24 0.00	63.36 0.38 0.00	63.56 0.25 0.00	54.59 0.33 0.00	47.27 0.38 0.00	40.17 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.68 1.03 0.00	37.27 1.02 0.00	35.08 0.99 0.00	33.33 0.94 0.00	33.87 0.86 0.00	36.64 0.93 0.00	41.04 1.16 0.00	45.81 1.42 0.00	43.54 1.27 0.00	41.77 1.18 0.00	40.67 1.18 0.00	40.52 1.18 0.00	40.52 1.14 0.00	41.16 1.16 0.00	42.57 1.20 0.00	40.75 1.15 0.00	46.78 1.41 0.00	56.16 1.90 0.00	62.70 2.18 0.00	65.37 2.39 0.00	65.34 2.03 0.00	56.05 1.79 0.00	48.35 1.45 0.00	41.05 1.23 0.00
VISCHER___FERRY HYD 24020	40.60 0.95 0.00	37.24 0.98 0.00	35.11 1.02 0.00	33.33 0.94 0.00	33.91 0.89 0.00	36.57 0.86 0.00	41.08 1.20 0.00	45.68 1.29 0.00	43.50 1.23 0.00	41.85 1.26 0.00	40.63 1.15 0.00	40.56 1.22 0.00	40.56 1.18 0.00	41.24 1.24 0.00	42.73 1.36 0.00	41.11 1.50 0.00	46.86 1.49 0.00	56.11 1.85 0.00	62.52 1.99 0.00	65.00 2.01 0.00	65.02 1.71 0.00	55.78 1.52 0.00	48.16 1.27 0.00	40.93 1.11 0.00
V_A_10_SYNC_DSASP 323832	36.04 -3.61 0.00	33.14 -3.12 0.00	31.19 -2.90 0.00	29.67 -2.72 0.00	30.17 -2.84 0.00	32.57 -3.14 0.00	35.70 -4.19 0.00	39.95 -4.44 0.00	37.79 -4.48 0.01	36.45 -4.14 0.00	35.77 -3.63 0.08	35.54 -3.38 0.42	35.78 -3.23 0.37	36.55 -3.04 0.40	37.19 -3.52 0.66	35.93 -3.29 0.39	40.18 -3.99 1.19	47.62 -4.34 2.30	53.07 -4.66 2.80	55.34 -4.72 2.92	54.79 -5.06 3.46	47.38 -4.56 2.32	41.39 -4.03 1.48	36.04 -3.26 0.51
V_CMM_10_SYNC_DSASP 323787	39.77 0.12 0.00	36.26 0.00 0.00	33.99 -0.10 0.00	32.36 -0.03 0.00	33.05 0.03 0.00	35.86 0.14 0.00	39.93 0.04 0.00	44.35 -0.04 0.00	42.19 -0.08 0.00	40.47 -0.12 0.00	39.20 -0.28 0.00	38.99 -0.35 0.00	38.99 -0.39 0.00	39.48 -0.52 0.00	40.79 -0.58 0.00	38.97 -0.63 0.00	44.69 -0.68 0.00	53.02 -1.25 0.00	59.50 -1.03 0.00	62.04 -0.94 0.00	63.12 -0.19 0.00	53.88 -0.38 0.00	46.76 -0.14 0.00	39.77 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	39.93 0.28 0.00	36.40 0.15 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.52 0.13 0.00	42.32 0.04 0.00	40.55 -0.04 0.00	39.28 -0.20 0.00	39.03 -0.31 0.00	39.03 -0.35 0.00	39.48 -0.52 0.00	40.75 -0.62 0.00	38.93 -0.67 0.00	44.60 -0.77 0.00	53.23 -1.03 0.00	59.92 -0.61 0.00	62.48 -0.50 0.00	63.06 -0.25 0.00	54.10 -0.16 0.00	46.76 -0.14 0.00	39.77 -0.04 0.00



V_D_10_SYNC_DSASP 323841	39.89 0.24 0.00	36.37 0.11 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.48 0.09 0.00	42.28 0.00 0.00	40.51 -0.08 0.00	39.24 -0.24 0.00	39.03 -0.31 0.00	38.99 -0.39 0.00	39.44 -0.56 0.00	40.71 -0.66 0.00	38.93 -0.67 0.00	44.60 -0.77 0.00	53.18 -1.09 0.00	59.74 -0.79 0.00	62.41 -0.57 0.00	63.18 -0.13 0.00	54.21 -0.05 0.00	46.85 -0.05 0.00	39.93 0.12 0.00
V_E_10_SYNC_DSASP 323830	41.47 1.82 0.00	37.96 1.70 0.00	35.73 1.64 0.00	33.98 1.59 0.00	34.50 1.49 0.00	37.43 1.71 0.00	41.72 1.83 0.00	46.30 1.91 0.00	43.46 1.18 0.00	41.48 0.89 0.00	40.06 0.59 0.01	39.78 0.51 0.07	39.63 0.32 0.06	40.25 0.32 0.07	41.63 0.37 0.11	39.77 0.24 0.07	45.60 0.45 0.22	55.13 1.30 0.43	62.36 2.36 0.53	65.83 3.40 0.55	65.89 3.23 0.65	56.70 2.88 0.44	48.82 2.20 0.28	41.67 1.95 0.10
V_F_30_NSYNC___DSASP 323816	41.24 1.59 0.00	37.85 1.60 0.00	35.63 1.53 0.00	33.82 1.43 0.00	34.43 1.42 0.00	37.18 1.46 0.00	41.72 1.83 0.00	46.34 1.95 0.00	44.01 1.73 0.00	42.17 1.58 0.00	40.90 1.42 0.00	40.76 1.42 0.00	40.72 1.34 0.00	41.40 1.40 0.00	42.90 1.53 0.00	41.23 1.62 0.00	47.00 1.63 0.00	56.27 2.01 0.00	63.07 2.54 0.00	65.75 2.77 0.00	65.97 2.66 0.00	56.49 2.22 0.00	48.73 1.83 0.00	41.33 1.51 0.00
V_F_30_SYNC_DSASP 323786	40.13 0.48 0.00	36.80 0.54 0.00	34.71 0.61 0.00	32.91 0.52 0.00	33.51 0.50 0.00	36.14 0.43 0.00	40.57 0.68 0.00	45.14 0.75 0.00	43.04 0.76 0.00	41.32 0.73 0.00	40.27 0.79 0.00	40.17 0.83 0.00	40.21 0.83 0.00	40.88 0.88 0.00	42.36 0.99 0.00	40.67 1.07 0.00	46.50 1.13 0.00	55.57 1.30 0.00	61.86 1.33 0.00	64.30 1.32 0.00	64.26 0.95 0.00	55.08 0.81 0.00	47.55 0.66 0.00	40.45 0.64 0.00
V_XM_10_SYNC_DSASP 323789	39.93 0.28 0.00	36.40 0.15 0.00	34.09 0.00 0.00	32.46 0.06 0.00	33.15 0.13 0.00	35.96 0.25 0.00	40.05 0.16 0.00	44.52 0.13 0.00	42.32 0.04 0.00	40.55 -0.04 0.00	39.28 -0.20 0.00	39.03 -0.31 0.00	39.03 -0.35 0.00	39.48 -0.52 0.00	40.75 -0.62 0.00	38.93 -0.67 0.00	44.60 -0.77 0.00	53.23 -1.03 0.00	59.92 -0.61 0.00	62.48 -0.50 0.00	63.06 -0.25 0.00	54.10 -0.16 0.00	46.76 -0.14 0.00	39.77 -0.04 0.00
W.BABYLN_69_KV_BK1 56697	42.86 3.21 0.00	39.09 2.83 0.00	36.79 2.69 0.00	34.82 2.43 0.00	35.16 2.15 0.00	37.50 1.79 0.00	42.84 2.95 0.00	47.94 3.55 0.00	46.46 4.19 0.00	44.61 4.02 0.00	44.36 4.86 -0.02	47.82 4.84 -3.64	48.98 4.96 -4.64	49.72 5.12 -4.60	50.85 5.30 -4.19	57.24 4.99 -12.65	55.93 6.17 -4.39	66.57 7.22 -5.09	70.02 7.08 -2.42	74.24 6.86 -4.39	68.50 5.19 0.00	58.60 4.34 0.00	50.98 4.08 0.00	43.64 3.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.43 1.78 0.00	37.96 1.70 0.00	35.76 1.67 0.00	33.95 1.55 0.00	34.37 1.35 0.00	37.07 1.36 0.00	41.88 1.99 0.00	46.96 2.57 0.00	45.15 2.87 0.00	43.31 2.72 0.00	42.64 3.16 0.00	42.53 3.19 0.00	43.38 3.27 -0.73	46.34 3.40 -2.95	53.24 3.52 -8.35	54.98 3.41 -11.97	49.59 4.22 0.00	59.20 4.94 0.00	65.13 4.60 0.00	67.33 4.35 0.00	66.86 3.55 0.00	57.30 3.04 0.00	49.62 2.72 0.00	42.00 2.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.71 2.06 0.00	38.22 1.96 0.00	36.04 1.94 0.00	34.18 1.78 0.00	34.60 1.58 0.00	37.25 1.54 0.00	42.20 2.31 0.00	47.45 3.06 0.00	45.70 3.42 0.00	43.84 3.25 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.77 3.90 -0.49	45.49 4.00 -1.50	49.74 4.18 -4.20	49.58 3.96 -6.01	56.42 4.90 -6.15	59.91 5.64 0.00	65.73 5.21 0.00	67.89 4.91 0.00	67.30 3.99 0.00	57.63 3.36 0.00	49.94 3.05 0.00	42.28 2.47 0.00
W50THST__13_KV_LOAD 356117	41.87 2.22 0.00	38.36 2.10 0.00	36.17 2.08 0.00	34.31 1.91 0.00	34.73 1.72 0.00	37.39 1.68 0.00	42.40 2.51 0.00	47.72 3.33 0.00	46.00 3.72 0.00	44.12 3.53 0.00	43.51 4.03 0.00	43.39 4.05 0.00	44.05 4.17 -0.49	45.77 4.28 -1.50	49.99 4.43 -4.20	49.82 4.20 -6.01	56.74 5.22 -6.15	60.23 5.97 0.00	66.09 5.57 0.00	68.21 5.23 0.00	67.62 4.31 0.00	57.90 3.64 0.00	50.18 3.28 0.00	42.44 2.63 0.00
WADING RIVER_IC_1 23522	42.23 2.58 0.00	38.65 2.39 0.00	36.03 1.94 0.00	34.21 1.81 0.00	34.63 1.62 0.00	36.89 1.18 0.00	41.48 1.60 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.72 3.13 0.00	43.49 3.99 -0.02	47.03 4.05 -3.64	48.19 4.17 -4.64	48.92 4.32 -4.60	50.07 4.51 -4.19	52.24 4.16 -8.48	52.51 5.49 -1.65	62.47 6.29 -1.91	67.30 5.87 -0.91	69.98 5.35 -1.65	67.10 3.80 0.00	57.40 3.15 0.01	50.13 3.23 0.00	43.40 3.58 0.00
WADING RIVER_IC_2 23547	42.23 2.58 0.00	38.65 2.39 0.00	36.03 1.94 0.00	34.21 1.81 0.00	34.63 1.62 0.00	36.89 1.18 0.00	41.48 1.60 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.72 3.13 0.00	43.49 3.99 -0.02	47.03 4.05 -3.64	48.19 4.17 -4.64	48.92 4.32 -4.60	50.07 4.51 -4.19	52.24 4.16 -8.48	52.51 5.49 -1.65	62.47 6.29 -1.91	67.30 5.87 -0.91	69.98 5.35 -1.65	67.10 3.80 0.00	57.40 3.15 0.01	50.13 3.23 0.00	43.40 3.58 0.00
WADING RIVER_IC_3 23601	42.23 2.58 0.00	38.65 2.39 0.00	36.03 1.94 0.00	34.21 1.81 0.00	34.63 1.62 0.00	36.89 1.18 0.00	41.48 1.60 0.00	46.96 2.57 0.00	45.61 3.34 0.00	43.72 3.13 0.00	43.49 3.99 -0.02	47.03 4.05 -3.64	48.19 4.17 -4.64	48.92 4.32 -4.60	50.07 4.51 -4.19	52.24 4.16 -8.48	52.51 5.49 -1.65	62.47 6.29 -1.91	67.30 5.87 -0.91	69.98 5.35 -1.65	67.10 3.80 0.00	57.40 3.15 0.01	50.13 3.23 0.00	43.40 3.58 0.00
WALDENNY_12_KV_BK2 80841	35.92 -3.73 0.00	33.07 -3.19 0.00	31.16 -2.93 0.00	29.67 -2.72 0.00	30.14 -2.87 0.00	32.53 -3.18 0.00	35.46 -4.43 0.00	39.73 -4.66 0.00	37.44 -4.82 0.01	36.21 -4.38 0.00	35.15 -4.26 0.07	34.92 -4.05 0.37	35.24 -3.82 0.32	36.00 -3.64 0.35	36.61 -4.18 0.58	35.38 -3.88 0.34	39.61 -4.72 1.04	47.10 -5.16 2.01	52.57 -5.51 2.45	54.88 -5.54 2.55	54.21 -6.08 3.03	46.74 -5.48 2.04	40.73 -4.88 1.29	35.47 -3.90 0.45
WALDEN___HYDRO 24148	41.28 1.63 0.00	37.82 1.56 0.00	35.63 1.53 0.00	33.82 1.43 0.00	34.24 1.22 0.00	36.96 1.25 0.00	41.72 1.83 0.00	46.74 2.35 0.00	44.90 2.62 0.00	43.03 2.44 0.00	42.28 2.80 0.00	42.17 2.83 0.00	42.19 2.91 0.10	42.63 3.04 0.40	43.37 3.14 1.14	41.02 3.05 1.63	49.18 3.81 0.00	58.82 4.56 0.00	64.82 4.30 0.00	67.14 4.16 0.00	66.60 3.29 0.00	57.09 2.82 0.00	49.43 2.53 0.00	41.84 2.03 0.00
WARRENSBURG____ 23737	41.99 2.34 0.00	38.58 2.32 0.00	36.31 2.22 0.00	34.44 2.04 0.00	35.09 2.08 0.00	37.96 2.25 0.00	42.52 2.63 0.00	47.28 2.89 0.00	44.69 2.41 0.00	42.78 2.19 0.00	41.14 1.66 0.00	40.99 1.65 0.00	40.80 1.42 0.00	41.36 1.36 0.00	42.90 1.53 0.00	41.23 1.62 0.00	46.14 0.77 0.00	55.19 0.92 0.00	62.58 2.06 0.00	65.50 2.52 0.00	66.10 2.79 0.00	56.49 2.22 0.00	48.63 1.74 0.00	41.21 1.39 0.00

WATERSIDE___6 8 9 23538	41.75 2.10 0.00	38.25 1.99 0.00	36.07 1.98 0.00	34.21 1.81 0.00	34.57 1.55 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.80 3.21 0.00	43.27 3.79 0.00	43.16 3.82 0.00	43.81 3.94 -0.49	45.53 4.04 -1.50	49.78 4.22 -4.20	49.62 4.00 -6.01	56.51 4.81 -6.33	59.85 5.59 0.00	65.67 5.14 0.00	67.77 4.79 0.00	67.11 3.80 0.00	57.52 3.26 0.00	49.94 3.05 0.00	42.28 2.47 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.89 0.24 0.00	36.51 0.25 0.00	34.36 0.27 0.00	32.65 0.26 0.00	33.25 0.23 0.00	35.96 0.25 0.00	40.21 0.32 0.00	44.75 0.36 0.00	42.57 0.30 0.00	40.88 0.28 0.00	39.76 0.28 0.00	39.62 0.28 0.00	39.62 0.24 0.00	40.20 0.20 0.00	41.57 0.21 0.00	39.80 0.20 0.00	45.55 0.18 0.00	54.48 0.22 0.00	60.77 0.24 0.00	63.30 0.31 0.00	63.56 0.25 0.00	54.48 0.22 0.00	47.18 0.28 0.00	40.09 0.28 0.00
WDELAWARE___HYD 323627	41.12 1.47 0.00	37.67 1.41 0.00	35.46 1.37 0.00	33.53 1.13 0.00	34.10 1.09 0.00	36.82 1.11 0.00	41.48 1.60 0.00	46.52 2.13 0.00	44.60 2.32 0.00	42.70 2.11 0.00	41.85 2.37 0.00	41.78 2.44 0.00	41.79 2.52 0.12	42.13 2.60 0.47	42.73 2.69 1.32	40.40 2.69 1.90	48.82 3.45 0.00	58.55 4.29 0.00	64.64 4.12 0.00	67.02 4.03 0.00	66.60 3.29 0.00	57.03 2.77 0.00	49.33 2.44 0.00	41.76 1.95 0.00
WEST BABYLON___IC 23714	42.86 3.21 0.00	39.09 2.83 0.00	36.79 2.69 0.00	34.82 2.43 0.00	35.16 2.15 0.00	37.50 1.79 0.00	42.84 2.95 0.00	47.94 3.55 0.00	46.46 4.19 0.00	44.61 4.02 0.00	44.36 4.86 -0.02	47.82 4.84 -3.64	48.98 4.96 -4.64	49.72 5.12 -4.60	50.85 5.30 -4.19	57.24 4.99 -12.65	55.93 6.17 -4.39	66.57 7.22 -5.09	70.02 7.08 -2.42	74.24 6.86 -4.39	68.50 5.19 0.00	58.60 4.34 0.00	50.98 4.08 0.00	43.64 3.82 0.00
WEST CANADA___HYD 24049	39.69 0.04 0.00	36.33 0.07 0.00	34.16 0.07 0.00	32.46 0.06 0.00	33.05 0.03 0.00	35.75 0.04 0.00	39.97 0.08 0.00	44.48 0.09 0.00	42.36 0.08 0.00	40.67 0.08 0.00	39.56 0.08 0.00	39.46 0.12 0.00	39.50 0.12 0.00	40.12 0.12 0.00	41.49 0.12 0.00	39.72 0.12 0.00	45.51 0.14 0.00	54.48 0.22 0.00	60.71 0.18 0.00	63.17 0.19 0.00	63.37 0.06 0.00	54.32 0.05 0.00	46.99 0.09 0.00	39.89 0.08 0.00
WESTERN_NY_WIND 24143	36.87 -2.78 0.00	33.94 -2.32 0.00	31.91 -2.18 0.00	30.39 -2.01 0.00	30.93 -2.08 0.00	33.36 -2.36 0.00	36.50 -3.39 0.00	40.79 -3.60 0.00	38.38 -3.89 0.01	37.10 -3.49 0.00	36.17 -3.24 0.07	35.88 -3.07 0.40	36.20 -2.84 0.35	36.94 -2.68 0.38	37.60 -3.14 0.62	36.27 -2.97 0.37	40.62 -3.63 1.12	48.36 -3.74 2.16	54.33 -3.57 2.63	56.91 -3.34 2.74	56.33 -3.74 3.24	48.50 -3.58 2.19	42.13 -3.38 1.39	36.71 -2.63 0.48
WESTOVER___LESR 323668	39.77 0.12 0.00	36.44 0.18 0.00	34.30 0.20 0.00	32.59 0.19 0.00	33.15 0.13 0.00	35.86 0.14 0.00	40.05 0.16 0.00	44.57 0.18 0.00	42.32 0.04 0.00	40.59 0.00 0.00	39.42 -0.04 0.02	39.21 -0.04 0.09	39.30 0.00 0.08	39.95 0.04 0.09	41.26 0.04 0.15	39.55 0.04 0.09	45.14 0.05 0.27	53.96 0.22 0.52	60.19 0.30 0.64	62.76 0.44 0.66	62.78 0.25 0.79	53.95 0.22 0.53	46.65 0.09 0.34	39.74 0.04 0.12
WETHRSFD_WT_PWR 323626	36.84 -2.81 0.00	33.86 -2.39 0.00	31.84 -2.25 0.00	30.35 -2.04 0.00	30.80 -2.21 0.00	33.28 -2.43 0.00	36.74 -3.15 0.00	40.62 -3.77 0.00	38.18 -4.06 0.04	36.77 -3.82 0.00	35.83 -3.59 0.06	35.37 -3.66 0.32	35.64 -3.47 0.28	36.33 -3.36 0.30	37.18 -3.68 0.50	35.78 -3.52 0.30	40.43 -4.04 0.90	47.86 -4.67 1.74	53.87 -4.54 2.11	56.49 -4.28 2.20	55.89 -4.81 2.61	48.49 -4.01 1.76	41.98 -3.80 1.12	36.28 -3.15 0.39
WHAVSTOR_138KV_BK127 55557	41.32 1.67 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.27 1.25 0.00	36.93 1.21 0.00	41.76 1.87 0.00	46.83 2.44 0.00	45.02 2.75 0.00	43.19 2.60 0.00	42.52 3.04 0.00	42.41 3.07 0.00	43.22 3.15 -0.69	46.02 3.24 -2.78	52.63 3.39 -7.87	54.13 3.25 -11.28	49.41 4.04 0.00	58.93 4.67 0.00	64.82 4.30 0.00	67.01 4.03 0.00	66.54 3.23 0.00	57.03 2.77 0.00	49.43 2.53 0.00	41.84 2.03 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.32 1.67 0.00	37.85 1.60 0.00	35.66 1.57 0.00	33.85 1.46 0.00	34.27 1.25 0.00	36.93 1.21 0.00	41.76 1.87 0.00	46.83 2.44 0.00	45.02 2.75 0.00	43.19 2.60 0.00	42.52 3.04 0.00	42.41 3.07 0.00	43.22 3.15 -0.69	46.02 3.24 -2.78	52.63 3.39 -7.87	54.13 3.25 -11.28	49.41 4.04 0.00	58.93 4.67 0.00	64.82 4.30 0.00	67.01 4.03 0.00	66.54 3.23 0.00	57.03 2.77 0.00	49.43 2.53 0.00	41.84 2.03 0.00
WHITEHAL_115KV_TB1 80871	42.70 3.05 0.00	39.30 3.05 0.00	36.99 2.90 0.00	35.08 2.69 0.00	35.75 2.74 0.00	38.71 3.00 0.00	43.32 3.43 0.00	48.07 3.68 0.00	45.32 3.04 0.00	43.27 2.68 0.00	41.65 2.17 0.00	41.47 2.12 0.00	41.27 1.89 0.00	41.88 1.88 0.00	43.39 2.03 0.00	41.74 2.14 0.00	47.00 1.63 0.00	56.33 2.06 0.00	64.10 3.57 0.00	67.26 4.28 0.00	67.93 4.62 0.00	58.01 3.74 0.00	49.80 2.91 0.00	42.16 2.35 0.00
WHITEPLN_13_KV_LOAD 356215	41.99 2.34 0.00	38.51 2.25 0.00	36.27 2.18 0.00	34.44 2.04 0.00	34.90 1.88 0.00	37.61 1.89 0.00	42.52 2.63 0.00	47.72 3.33 0.00	45.91 3.64 0.00	44.08 3.49 0.00	43.47 3.99 0.00	43.31 3.97 0.00	43.83 4.06 -0.39	45.70 4.12 -1.58	50.15 4.30 -4.48	49.94 3.92 -6.42	50.22 4.85 0.00	59.91 5.64 0.00	65.91 5.39 0.00	68.15 5.16 0.00	67.55 4.24 0.00	57.79 3.53 0.00	50.09 3.19 0.00	42.36 2.55 0.00
WM_FLOYD_69_KV_BK2 356380	42.50 2.85 0.00	38.76 2.50 0.00	36.61 2.52 0.00	34.63 2.24 0.00	34.86 1.85 0.00	37.14 1.43 0.00	42.32 2.43 0.00	47.32 2.93 0.00	45.91 3.64 0.00	44.04 3.45 0.00	43.84 4.34 -0.02	47.31 4.33 -3.64	48.47 4.45 -4.64	49.20 4.60 -4.60	50.40 4.84 -4.19	52.58 4.44 -8.54	52.82 5.76 -1.69	62.89 6.67 -1.95	67.87 6.42 -0.93	70.78 6.11 -1.69	67.61 4.31 0.00	57.89 3.64 0.00	50.55 3.66 0.00	43.52 3.70 0.00
WOODARD__115KV_TB2 355635	39.13 -0.52 0.00	35.82 -0.44 0.00	33.68 -0.41 0.00	32.01 -0.39 0.00	32.58 -0.43 0.00	35.25 -0.46 0.00	39.37 -0.52 0.00	43.77 -0.62 0.00	41.56 -0.72 0.00	39.94 -0.65 0.00	38.75 -0.71 0.02	38.53 -0.71 0.10	38.58 -0.71 0.09	39.22 -0.68 0.10	40.50 -0.70 0.16	38.83 -0.67 0.10	44.24 -0.82 0.31	52.85 -0.81 0.60	58.95 -0.85 0.73	61.53 -0.69 0.76	61.52 -0.89 0.90	52.90 -0.76 0.61	45.76 -0.75 0.38	39.04 -0.64 0.13
YORK___WARBASSE 23770	41.91 2.26 0.00	38.40 2.14 0.00	36.17 2.08 0.00	34.37 1.98 0.00	34.66 1.65 0.00	37.14 1.43 0.00	42.12 2.23 0.00	47.41 3.02 0.00	45.66 3.38 0.00	43.84 3.25 0.00	43.39 3.91 0.00	43.31 3.97 0.00	44.01 4.13 -0.49	45.73 4.24 -1.50	50.03 4.47 -4.20	49.89 4.28 -6.01	56.83 5.13 -6.33	60.23 5.97 0.00	66.03 5.51 0.00	68.21 5.23 0.00	67.55 4.24 0.00	57.90 3.64 0.00	50.27 3.38 0.00	42.56 2.75 0.00