

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/17/2024

Name	PTID	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
59TH STREET_GT_1	24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
		44.96	43.71	42.00	40.39	40.34	41.09	48.73	56.12	54.77	52.98	49.31	48.02	47.52	47.52	48.82	51.72	58.42	67.22	62.65	59.57	55.63	50.70	46.00	41.08
		3.21	2.72	2.37	2.33	2.49	2.62	3.27	3.82	4.10	4.11	3.74	3.80	3.72	3.64	3.57	3.96	4.47	5.55	4.80	3.84	3.59	3.54	2.77	2.18
		0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24260	44.83	43.71	42.00	40.39	40.30	41.08	48.63	56.01	54.67	52.89	49.22	47.84	47.39	47.44	48.64	51.58	57.88	66.66	61.95	59.30	55.53	50.61	45.96	41.04
		3.09	2.72	2.37	2.33	2.46	2.62	3.18	3.71	4.00	4.01	3.65	3.63	3.59	3.55	3.39	3.82	3.94	5.00	4.11	3.57	3.49	3.44	2.72	2.14
		0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24261	44.83	43.71	42.00	40.39	40.30	41.08	48.63	56.01	54.67	52.89	49.22	47.84	47.39	47.44	48.64	51.58	57.88	66.66	61.95	59.30	55.53	50.61	45.96	41.04
		3.09	2.72	2.37	2.33	2.46	2.62	3.18	3.71	4.00	4.01	3.65	3.63	3.59	3.55	3.39	3.82	3.94	5.00	4.11	3.57	3.49	3.44	2.72	2.14
		0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	43.75	43.33	42.26	40.71	39.73	40.39	48.00	55.13	53.56	51.57	47.80	46.29	45.77	45.90	47.33	50.19	56.80	65.37	61.03	58.57	54.59	49.43	45.05	40.34
		2.00	2.00	1.74	1.53	1.67	1.92	2.55	2.82	2.89	2.69	2.23	2.08	1.97	2.02	2.08	2.44	2.86	3.70	3.18	2.84	2.55	2.26	1.82	1.44
		0.00	-1.33	-3.46	-4.34	-0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	43.83	43.37	42.29	40.71	39.74	40.43	48.13	55.23	53.66	51.57	47.89	46.38	45.82	45.99	47.42	50.24	57.01	65.67	61.49	58.74	54.69	49.52	45.09	40.38
		2.09	2.04	1.78	1.53	1.68	1.96	2.68	2.93	2.99	2.69	2.32	2.17	2.02	2.11	2.17	2.48	3.07	4.01	3.65	3.01	2.65	2.36	1.86	1.48
		0.00	-1.33	-3.46	-4.35	-0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	43.75	43.33	42.26	40.71	39.73	40.39	48.00	55.13	53.56	51.57	47.80	46.29	45.77	45.90	47.33	50.19	56.80	65.37	61.03	58.57	54.59	49.43	45.05	40.34
		2.00	2.00	1.74	1.53	1.67	1.92	2.55	2.82	2.89	2.69	2.23	2.08	1.97	2.02	2.08	2.44	2.86	3.70	3.18	2.84	2.55	2.26	1.82	1.44
		0.00	-1.33	-3.46	-4.34	-0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23527	44.66	43.97	42.81	41.33	40.49	41.05	48.63	55.91	54.27	52.30	48.67	47.26	46.74	46.82	48.19	50.91	57.72	66.42	62.01	59.24	55.16	50.14	45.78	40.92
		2.92	2.68	2.41	2.30	2.46	2.58	3.18	3.61	3.60	3.42	3.10	3.05	2.94	2.94	2.94	3.15	3.77	4.75	4.17	3.51	3.12	2.97	2.55	2.02
		0.00	-1.28	-3.34	-4.20	-0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	43.41	42.90	41.87	40.43	39.49	39.97	46.95	53.50	51.94	50.05	46.44	45.05	44.64	44.72	46.02	48.71	54.97	63.15	59.00	56.62	52.82	47.92	43.88	39.72
		1.67	1.60	1.45	1.36	1.45	1.50	1.50	1.20	1.27	1.17	0.87	0.84	0.83	0.83	0.77	0.96	1.02	1.48	1.16	0.89	0.78	0.75	0.65	0.82
		0.00	-1.29	-3.37	-4.24	-0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	38.56	36.92	34.19	32.07	34.27	35.52	42.11	48.58	46.86	45.05	42.17	40.94	40.56	40.67	41.95	44.32	50.09	56.82	53.83	51.81	52.04	47.12	43.28	39.10
		-0.17	-0.16	-0.11	-0.14	-0.19	-0.12	-0.09	-0.05	-0.25	-0.39	-0.14	-0.09	-0.09	-0.04	-0.05	-0.05	-0.11	-0.68	-0.06	-0.06	0.00	-0.05	0.04	0.19
		3.02	2.92	2.75	2.62	2.76	2.83	3.25	3.67	3.55	3.44	3.26	3.19	3.16	3.17	3.25	3.40	3.75	4.17	3.96	3.87	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	43.70	43.11	41.98	40.47	39.62	40.20	47.41	54.13	52.49	50.54	46.89	45.45	44.99	45.11	46.51	49.24	55.83	64.20	60.10	57.51	53.66	48.67	44.62	40.23
		1.96	1.84	1.63	1.50	1.60	1.73	1.95	1.83	1.82	1.66	1.32	1.24	1.18	1.23	1.27	1.48	1.89	2.53	2.25	1.78	1.62	1.51	1.38	1.32
		0.00	-1.27	-3.30	-4.15	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	323834	43.70	43.07	41.98	40.47	39.62	40.20	47.36	54.13	52.49	50.54	46.89	45.45	44.99	45.07	46.51	49.24	55.83	64.14	60.10	57.51	53.66	48.67	44.62	40.23
		1.96	1.80	1.63	1.50	1.60	1.73	1.91	1.83	1.82	1.66	1.32	1.24	1.18	1.19	1.27	1.48	1.89	2.47	2.25	1.78	1.62	1.51	1.38	1.32
		0.00	-1.27	-3.30	-4.15	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23571	43.41	42.90	41.87	40.43	39.49	39.97	46.95	53.50	51.94	50.05	46.44	45.05	44.64	44.72	46.02	48.71	54.97	63.15	59.00	56.62	52.82	47.92	43.88	39.72
		1.67	1.60	1.45	1.36	1.45	1.50	1.50	1.20	1.27	1.17	0.87	0.84	0.83	0.83	0.77	0.96	1.02	1.48	1.16	0.89	0.78	0.75	0.65	0.82
		0.00	-1.29	-3.37	-4.24	-0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	43.41 1.67 0.00	42.90 1.60 -1.29	41.87 1.45 -3.37	40.43 1.36 -4.24	39.49 1.45 -0.82	39.97 1.50 0.00	46.95 1.50 0.00	53.50 1.20 0.00	51.94 1.27 0.00	50.05 1.17 0.00	46.44 0.87 0.00	45.05 0.84 0.00	44.64 0.83 0.00	44.72 0.83 0.00	46.02 0.77 0.00	48.71 0.96 0.00	54.97 1.02 0.00	63.15 1.48 0.00	59.00 1.16 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.72 0.82 0.00
ALBANY___3 23573	43.41 1.67 0.00	42.90 1.60 -1.29	41.87 1.45 -3.37	40.43 1.36 -4.24	39.49 1.45 -0.82	39.97 1.50 0.00	46.95 1.50 0.00	53.50 1.20 0.00	51.94 1.27 0.00	50.05 1.17 0.00	46.44 0.87 0.00	45.05 0.84 0.00	44.64 0.83 0.00	44.72 0.83 0.00	46.02 0.77 0.00	48.71 0.96 0.00	54.97 1.02 0.00	63.15 1.48 0.00	59.00 1.16 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.72 0.82 0.00
ALBANY___4 23574	43.41 1.67 0.00	42.90 1.60 -1.29	41.87 1.45 -3.37	40.43 1.36 -4.24	39.49 1.45 -0.82	39.97 1.50 0.00	46.95 1.50 0.00	53.50 1.20 0.00	51.94 1.27 0.00	50.05 1.17 0.00	46.44 0.87 0.00	45.05 0.84 0.00	44.64 0.83 0.00	44.72 0.83 0.00	46.02 0.77 0.00	48.71 0.96 0.00	54.97 1.02 0.00	63.15 1.48 0.00	59.00 1.16 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.72 0.82 0.00
ALBANY___LFGE 323615	43.70 1.96 0.00	43.15 1.84 -1.31	42.13 1.67 -3.40	40.64 1.53 -4.28	39.68 1.64 -0.83	40.20 1.73 0.00	47.32 1.86 0.00	53.97 1.67 0.00	52.39 1.72 0.00	50.54 1.66 0.00	46.89 1.32 0.00	45.54 1.33 0.00	45.07 1.27 0.00	45.16 1.27 0.00	46.51 1.27 0.00	49.14 1.39 0.00	55.67 1.73 0.00	63.95 2.28 0.00	59.81 1.97 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.22 0.00	44.27 1.04 0.00	39.99 1.09 0.00
ALCOA_PA_115KV_PL-6C 55860	38.60 -0.13 3.02	37.00 -0.08 2.92	34.27 -0.04 2.75	32.14 -0.07 2.62	34.35 -0.11 2.76	35.56 -0.08 2.83	42.20 0.00 3.25	48.74 0.10 3.67	46.96 -0.15 3.55	45.14 -0.29 3.44	42.26 -0.05 3.26	41.03 0.00 3.19	40.69 0.04 3.16	40.76 0.04 3.17	42.04 0.05 3.25	44.41 0.05 3.40	50.19 0.00 3.75	57.01 -0.49 4.17	53.95 0.06 3.96	51.97 0.11 3.87	52.20 0.16 0.00	47.26 0.09 0.00	43.41 0.17 0.00	39.17 0.27 0.00
ALCOA_RYNLDS___DRP 24188	38.60 -0.13 3.02	37.00 -0.08 2.92	34.27 -0.04 2.75	32.14 -0.07 2.62	34.35 -0.11 2.76	35.56 -0.08 2.83	42.20 0.00 3.25	48.74 0.10 3.67	46.96 -0.15 3.55	45.14 -0.29 3.44	42.26 -0.05 3.26	41.03 0.00 3.19	40.69 0.04 3.16	40.76 0.04 3.17	42.04 0.05 3.25	44.41 0.05 3.40	50.19 0.00 3.75	57.01 -0.49 4.17	53.95 0.06 3.96	51.97 0.11 3.87	52.20 0.16 0.00	47.26 0.09 0.00	43.41 0.17 0.00	39.17 0.27 0.00
ALCOA___DSASP 323711	38.56 -0.17 3.02	37.00 -0.08 2.92	34.27 -0.04 2.75	32.14 -0.07 2.62	34.35 -0.11 2.76	35.56 -0.08 2.83	42.16 -0.05 3.25	48.74 0.10 3.67	46.96 -0.15 3.55	45.15 -0.29 3.44	42.26 -0.05 3.26	41.03 0.00 3.19	40.69 0.04 3.16	40.76 0.04 3.17	42.04 0.05 3.25	44.41 0.05 3.40	49.98 -0.21 3.75	56.76 -0.74 4.17	53.37 -0.52 3.96	51.92 0.06 3.87	52.20 0.16 0.00	47.26 0.09 0.00	43.41 0.17 0.00	39.18 0.27 0.00
ALLEGHENY___COGEN 23514	40.32 -1.42 0.00	38.89 -1.28 -0.17	36.09 -1.41 -0.44	34.13 -1.29 -0.58	36.02 -1.30 -0.11	37.51 -0.96 0.00	44.18 -1.27 0.00	56.47 -1.26 -5.43	71.32 -1.57 -22.22	82.69 -1.32 -35.13	49.77 -1.50 -5.70	50.85 -1.81 -8.45	55.83 -1.66 -13.69	48.09 -1.67 -5.87	43.84 -1.40 0.00	46.93 -1.77 -0.94	75.85 -1.24 -23.14	78.51 -0.25 -17.09	59.12 0.00 -1.28	55.23 -0.50 0.00	51.88 -0.16 0.00	46.65 -0.52 0.00	43.28 0.04 0.00	39.21 0.31 0.00
ALTAMONT_115KV_TB 2 55880	43.20 1.46 0.00	42.70 1.40 -1.29	41.69 1.26 -3.37	40.25 1.18 -4.24	39.30 1.27 -0.82	39.78 1.31 0.00	46.91 1.45 0.00	53.82 1.52 0.00	52.24 1.57 0.00	50.39 1.52 0.00	46.85 1.28 0.00	45.45 1.24 0.00	44.99 1.18 0.00	45.11 1.23 0.00	46.42 1.18 0.00	49.14 1.39 0.00	55.45 1.51 0.00	63.70 2.04 0.00	59.47 1.62 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.23 0.00	44.27 1.04 0.00	39.84 0.93 0.00
ALTONA_WT_PWR 323606	-6.51 -1.67 46.58	-6.62 -1.52 45.10	-6.77 -1.33 42.50	-6.93 -1.29 40.47	-6.73 -1.38 42.57	-6.56 -1.27 43.76	-6.10 -1.36 50.19	-5.54 -1.20 56.64	-5.78 -1.57 54.88	-5.92 -1.66 53.13	-6.18 -1.41 50.34	-6.31 -1.33 49.19	-6.34 -1.36 48.79	-6.33 -1.32 48.90	-6.19 -1.27 50.17	-6.02 -1.34 52.44	-5.50 -1.57 57.87	-4.99 -2.28 64.37	-5.25 -1.97 61.13	-5.35 -1.34 59.75	50.90 -1.15 0.00	46.03 -1.13 0.00	42.37 -0.86 0.00	38.36 -0.54 0.00
AMERICAN_REF_FUEL 24010	36.98 -4.76 0.00	35.61 -4.52 -0.13	32.97 -4.41 -0.32	31.33 -4.00 -0.50	32.94 -4.35 -0.08	34.31 -4.16 0.00	39.63 -5.82 0.00	44.07 -6.90 1.33	38.42 -6.84 5.41	34.18 -6.16 8.54	38.34 -5.83 1.40	36.18 -5.97 2.07	34.77 -5.69 3.34	36.74 -5.70 1.44	39.18 -6.06 0.00	40.50 -7.02 0.24	40.95 -7.39 5.60	49.69 -7.83 4.14	50.41 -7.12 0.32	48.31 -7.41 0.01	45.64 -6.40 0.00	40.99 -6.18 0.00	39.08 -4.15 0.00	35.79 -3.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.23 -4.51 0.00	34.99 -5.16 -0.15	32.42 -5.00 -0.37	30.86 -4.53 -0.56	32.47 -4.84 -0.10	34.51 -3.96 0.00	40.04 -5.41 0.00	44.89 -6.01 1.39	39.10 -5.88 5.69	34.65 -5.23 8.99	39.23 -4.88 1.46	36.96 -5.08 2.17	35.43 -4.86 3.51	37.60 -4.78 1.51	40.09 -5.16 0.00	41.83 -5.68 0.24	42.44 -5.77 5.73	51.76 -5.67 4.24	52.43 -5.09 0.33	50.65 -5.07 0.01	47.98 -4.06 0.00	43.20 -3.96 0.00	41.12 -2.12 0.00	37.70 -1.21 0.00
ARTHUR KILL_GT_1 23520	45.20 3.46 0.00	43.87 2.88 -0.99	42.11 2.48 -2.57	40.50 2.44 -3.23	40.45 2.60 -0.63	41.05 2.58 0.00	48.59 3.13 0.00	55.07 2.77 0.00	53.91 3.25 0.00	52.25 3.37 0.00	48.85 3.28 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.26 3.38 0.00	48.55 3.30 0.00	51.05 3.29 0.00	57.39 3.46 0.01	66.10 4.44 0.01	61.66 3.82 0.01	58.56 2.84 0.01	54.69 2.65 0.01	50.23 3.06 0.00	45.91 2.68 0.00	41.04 2.14 0.00
ARTHUR_KILL_2 23512	45.12 3.38 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.43 2.37 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	54.91 2.61 0.00	53.76 3.09 0.00	52.10 3.23 0.00	48.71 3.14 0.00	47.57 3.36 0.00	47.09 3.29 0.00	47.13 3.25 0.00	48.41 3.17 0.00	50.91 3.15 0.00	57.22 3.29 0.01	65.91 4.25 0.01	61.43 3.59 0.01	58.40 2.67 0.01	54.53 2.50 0.01	50.09 2.93 0.00	45.78 2.55 0.00	40.92 2.02 0.00
ARTHUR_KILL_3 23513	44.50 2.75 0.00	43.31 2.32 -0.99	41.66 2.04 -2.57	40.08 2.02 -3.23	39.96 2.12 -0.63	40.70 2.23 0.00	48.23 2.77 0.00	55.54 3.24 0.00	54.16 3.49 0.00	52.40 3.52 0.00	48.76 3.19 0.00	47.48 3.27 0.00	47.00 3.20 0.00	47.05 3.16 0.00	48.32 3.08 0.00	51.15 3.39 0.00	57.72 3.77 0.00	66.42 4.75 0.00	61.89 4.05 0.00	58.85 3.12 0.00	55.01 2.96 0.00	50.19 3.02 0.00	45.52 2.29 0.00	40.65 1.75 0.00

ARTHUR_KILL_COGEN 323718	45.20 3.46 0.00	43.87 2.88 -0.99	42.11 2.48 -2.57	40.50 2.44 -3.23	40.45 2.60 -0.63	41.05 2.58 0.00	48.59 3.13 0.00	55.07 2.77 0.00	53.91 3.25 0.00	52.25 3.37 0.00	48.85 3.28 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.26 3.38 0.00	48.55 3.30 0.00	51.05 3.29 0.00	57.39 3.46 0.01	66.10 4.44 0.01	61.66 3.82 0.01	58.56 2.84 0.01	54.69 2.65 0.01	50.23 3.06 0.00	45.91 2.68 0.00	41.04 2.14 0.00
ASHOKAN____ 23654	44.91 3.17 0.00	42.64 1.48 -1.15	41.24 1.19 -3.00	39.75 1.15 -3.77	39.21 1.27 -0.73	41.20 2.73 0.00	48.68 3.23 0.00	55.33 3.03 0.00	53.76 3.09 0.00	51.32 2.44 0.00	47.76 2.19 0.00	46.16 1.94 0.00	45.64 1.84 0.00	45.81 1.93 0.00	47.15 1.90 0.00	50.62 2.87 0.00	57.66 3.72 0.00	66.73 5.06 0.00	62.59 4.74 0.00	59.63 3.90 0.00	55.47 3.43 0.00	50.28 3.11 0.00	45.87 2.64 0.00	41.35 2.45 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.91 3.17 0.00	43.55 2.56 -0.99	41.81 2.19 -2.57	40.26 2.20 -3.23	40.15 2.31 -0.63	40.78 2.31 0.00	48.08 2.64 0.01	55.17 2.87 0.01	53.91 3.25 0.01	52.20 3.33 0.01	48.57 3.01 0.01	47.34 3.14 0.01	46.86 3.07 0.01	46.90 3.03 0.01	48.14 2.90 0.01	50.81 3.06 0.01	57.33 3.40 0.01	65.98 4.32 0.01	61.49 3.65 0.01	58.45 2.73 0.01	54.63 2.60 0.01	49.89 2.73 0.01	45.30 2.08 0.01	40.49 1.60 0.01
ASTORIA_EAST_ENERGY_CC2 323582	44.91 3.17 0.00	43.55 2.56 -0.99	41.81 2.19 -2.57	40.26 2.20 -3.23	40.15 2.31 -0.63	40.78 2.31 0.00	48.08 2.64 0.01	55.17 2.87 0.01	53.91 3.25 0.01	52.20 3.33 0.01	48.57 3.01 0.01	47.34 3.14 0.01	46.86 3.07 0.01	46.90 3.03 0.01	48.14 2.90 0.01	50.81 3.06 0.01	57.33 3.40 0.01	65.98 4.32 0.01	61.49 3.65 0.01	58.45 2.73 0.01	54.63 2.60 0.01	49.89 2.73 0.01	45.30 2.08 0.01	40.49 1.60 0.01
ASTORIA_GT2_1 24094	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT2_2 24095	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT2_3 24096	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT2_4 24097	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT3_1 24098	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT3_2 24099	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT3_3 24100	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT3_4 24101	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT4_1 24102	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT4_2 24103	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT4_3 24104	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00

ASTORIA_GT4_4 24105	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.09 2.64 0.00	55.23 2.93 0.00	53.96 3.29 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.10 2.85 0.00	50.86 3.10 0.00	57.02 3.07 0.00	65.61 3.95 0.00	60.97 3.12 0.00	58.35 2.62 0.00	54.69 2.65 0.00	49.99 2.83 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ASTORIA_GT_1 23523	45.00 3.26 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.23 2.38 -0.63	40.85 2.39 0.00	48.17 2.73 0.01	55.33 3.03 0.01	54.06 3.40 0.01	52.29 3.42 0.01	48.66 3.10 0.01	47.43 3.23 0.01	46.95 3.16 0.01	46.99 3.12 0.01	48.27 3.03 0.01	50.95 3.20 0.01	57.49 3.56 0.01	66.16 4.50 0.01	61.66 3.82 0.01	58.56 2.84 0.01	54.79 2.76 0.01	49.99 2.83 0.01	45.39 2.16 0.01	40.57 1.67 0.01
ASTORIA_GT_10 24110	44.79 3.05 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.15 3.39 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.32 3.47 0.00	58.63 2.90 0.00	55.01 2.97 0.00	50.28 3.11 0.00	45.65 2.42 0.00	40.81 1.91 0.00
ASTORIA_GT_11 24225	44.79 3.05 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.15 3.39 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.32 3.47 0.00	58.63 2.90 0.00	55.01 2.97 0.00	50.28 3.11 0.00	45.65 2.42 0.00	40.81 1.91 0.00
ASTORIA_GT_12 24226	44.79 3.05 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.15 3.39 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.32 3.47 0.00	58.63 2.90 0.00	55.01 2.97 0.00	50.28 3.11 0.00	45.65 2.42 0.00	40.81 1.91 0.00
ASTORIA_GT_13 24227	44.79 3.05 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.15 3.39 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.32 3.47 0.00	58.63 2.90 0.00	55.01 2.97 0.00	50.28 3.11 0.00	45.65 2.42 0.00	40.81 1.91 0.00
ASTORIA_GT_5 24106	44.87 3.13 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.85 2.39 0.00	48.13 2.68 0.00	55.33 3.03 0.00	54.01 3.34 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.40 3.18 0.00	46.96 3.15 0.00	47.00 3.12 0.00	48.19 2.94 0.00	50.96 3.20 0.00	57.12 3.18 0.00	65.74 4.07 0.00	61.09 3.24 0.00	58.46 2.73 0.00	54.80 2.76 0.00	50.09 2.92 0.00	45.39 2.16 0.00	40.58 1.67 0.00
ASTORIA_GT_7 24107	44.87 3.13 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.85 2.39 0.00	48.13 2.68 0.00	55.33 3.03 0.00	54.01 3.34 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.40 3.18 0.00	46.96 3.15 0.00	47.00 3.12 0.00	48.19 2.94 0.00	50.96 3.20 0.00	57.12 3.18 0.00	65.74 4.07 0.00	61.09 3.24 0.00	58.46 2.73 0.00	54.80 2.76 0.00	50.09 2.92 0.00	45.39 2.16 0.00	40.58 1.67 0.00
ASTORIA_GT_8 24108	44.87 3.13 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.85 2.39 0.00	48.13 2.68 0.00	55.33 3.03 0.00	54.01 3.34 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.40 3.18 0.00	46.96 3.15 0.00	47.00 3.12 0.00	48.19 2.94 0.00	50.96 3.20 0.00	57.12 3.18 0.00	65.74 4.07 0.00	61.09 3.24 0.00	58.46 2.73 0.00	54.80 2.76 0.00	50.09 2.92 0.00	45.39 2.16 0.00	40.58 1.67 0.00
ASTORIA___2 24149	44.96 3.21 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.26 2.20 -3.23	40.19 2.35 -0.63	40.78 2.31 0.00	48.13 2.68 0.01	55.22 2.93 0.01	53.95 3.29 0.01	52.20 3.33 0.01	48.62 3.05 0.01	47.34 3.14 0.01	46.86 3.07 0.01	46.90 3.03 0.01	48.18 2.94 0.01	50.85 3.10 0.01	57.39 3.46 0.01	66.04 4.38 0.01	61.54 3.71 0.01	58.51 2.79 0.01	54.69 2.65 0.01	49.89 2.73 0.01	45.34 2.12 0.01	40.53 1.63 0.01
ASTORIA___3 23516	44.87 3.13 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.89 2.42 0.00	48.36 2.91 0.00	55.54 3.24 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.89 3.32 0.00	47.62 3.40 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.46 3.21 0.00	51.15 3.39 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.89 4.05 0.00	58.79 3.06 0.00	55.01 2.96 0.00	50.19 3.02 0.00	45.65 2.42 0.00	40.77 1.87 0.00
ASTORIA___4 23517	44.75 3.01 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.90 3.33 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.15 3.39 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.32 3.47 0.00	58.63 2.90 0.00	55.01 2.97 0.00	50.28 3.11 0.00	45.65 2.42 0.00	40.81 1.91 0.00
ASTORIA___5 23518	44.87 3.13 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.89 2.42 0.00	48.36 2.91 0.00	55.54 3.24 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.89 3.32 0.00	47.62 3.40 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.46 3.21 0.00	51.15 3.39 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.89 4.05 0.00	58.79 3.06 0.00	55.01 2.96 0.00	50.19 3.02 0.00	45.65 2.42 0.00	40.77 1.87 0.00
AST_ENERGY_2_CC3 323677	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.30 2.87 0.02	55.63 3.35 0.02	54.25 3.60 0.02	52.48 3.62 0.02	44.69 3.28 4.16	44.67 3.36 2.90	44.67 3.24 2.37	44.67 3.20 2.42	44.73 3.12 3.64	45.02 3.44 6.18	46.17 3.89 11.65	55.77 4.87 10.77	51.24 4.22 10.83	48.18 3.29 10.83	45.23 3.07 9.88	44.84 3.06 5.39	42.58 2.38 3.03	40.35 1.83 0.38
AST_ENERGY_2_CC4 323678	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.30 2.87 0.02	55.63 3.35 0.02	54.25 3.60 0.02	52.48 3.62 0.02	44.69 3.28 4.16	44.67 3.36 2.90	44.67 3.24 2.37	44.67 3.20 2.42	44.73 3.12 3.64	45.02 3.44 6.18	46.17 3.89 11.65	55.77 4.87 10.77	51.24 4.22 10.83	48.18 3.29 10.83	45.23 3.07 9.88	44.84 3.06 5.39	42.58 2.38 3.03	40.35 1.83 0.38

ATHENS_STG_1 23668	43.49 1.75 0.00	42.76 1.60 -1.15	41.54 1.48 -3.00	40.03 1.43 -3.77	39.47 1.53 -0.73	39.93 1.46 0.00	47.27 1.82 0.00	54.29 1.99 0.00	52.75 2.08 0.00	50.88 2.00 0.00	47.39 1.82 0.00	46.03 1.81 0.00	45.56 1.75 0.00	45.64 1.76 0.00	46.96 1.72 0.00	49.67 1.91 0.00	56.21 2.27 0.00	64.63 2.96 0.00	60.39 2.54 0.00	57.73 2.00 0.00	53.86 1.82 0.00	48.91 1.75 0.00	44.66 1.42 0.00	40.07 1.17 0.00
ATHENS_STG_2 23670	43.49 1.75 0.00	42.76 1.60 -1.15	41.54 1.48 -3.00	40.03 1.43 -3.77	39.47 1.53 -0.73	39.93 1.46 0.00	47.27 1.82 0.00	54.29 1.99 0.00	52.75 2.08 0.00	50.88 2.00 0.00	47.39 1.82 0.00	46.03 1.81 0.00	45.56 1.75 0.00	45.64 1.76 0.00	46.96 1.72 0.00	49.67 1.91 0.00	56.21 2.27 0.00	64.63 2.96 0.00	60.39 2.54 0.00	57.73 2.00 0.00	53.86 1.82 0.00	48.91 1.75 0.00	44.66 1.42 0.00	40.07 1.17 0.00
ATHENS_STG_3 23677	43.49 1.75 0.00	42.76 1.60 -1.15	41.54 1.48 -3.00	40.03 1.43 -3.77	39.47 1.53 -0.73	39.93 1.46 0.00	47.27 1.82 0.00	54.29 1.99 0.00	52.75 2.08 0.00	50.88 2.00 0.00	47.39 1.82 0.00	46.03 1.81 0.00	45.56 1.75 0.00	45.64 1.76 0.00	46.96 1.72 0.00	49.67 1.91 0.00	56.21 2.27 0.00	64.63 2.96 0.00	60.39 2.54 0.00	57.73 2.00 0.00	53.86 1.82 0.00	48.91 1.75 0.00	44.66 1.42 0.00	40.07 1.17 0.00
AUBURN___LFGE 323710	40.87 -0.88 0.00	39.25 -0.88 -0.12	36.52 -0.85 -0.31	34.46 -0.77 -0.40	36.51 -0.78 -0.08	37.81 -0.65 0.00	44.77 -0.68 0.00	51.62 -0.68 0.00	50.01 -0.66 0.00	48.39 -0.49 0.00	45.02 -0.55 0.00	43.59 -0.62 0.00	43.15 -0.66 0.00	43.27 -0.61 0.00	44.75 -0.50 0.00	46.99 -0.76 0.00	53.29 -0.65 0.00	61.42 -0.25 0.00	57.21 -0.64 0.00	55.29 -0.45 0.00	51.62 -0.42 0.00	46.60 -0.57 0.00	42.76 -0.48 0.00	38.51 -0.39 0.00
BABYLON_RES_REC 323704	45.33 3.59 0.00	43.71 2.72 -0.99	41.92 2.30 -2.57	40.15 2.09 -3.23	40.23 2.38 -0.63	41.32 2.85 0.00	49.22 3.77 0.00	57.07 4.76 -0.01	55.69 5.02 -0.01	53.62 4.74 0.00	50.08 4.51 0.00	48.99 4.78 0.00	48.36 4.56 0.00	48.41 4.52 0.00	49.63 4.39 0.00	52.58 4.82 0.00	59.77 5.83 0.00	69.07 7.40 0.00	64.50 6.65 0.00	60.75 5.02 0.00	56.83 4.78 0.00	51.93 4.76 0.00	46.35 3.11 0.00	41.32 2.41 0.00
BABYLON__69_KV_BK2 356345	45.75 4.01 0.00	44.19 3.20 -0.98	42.33 2.71 -2.57	40.50 2.44 -3.23	40.48 2.64 -0.63	41.82 3.35 0.00	49.77 4.32 0.00	57.80 5.49 -0.01	56.40 5.73 -0.01	54.30 5.43 0.00	50.40 4.83 0.00	49.16 4.95 0.00	48.58 4.77 0.00	48.62 4.74 0.00	49.77 4.52 0.00	52.82 5.06 0.00	59.33 5.39 0.00	68.76 7.09 0.00	63.75 5.90 0.00	60.58 4.85 0.00	57.14 5.10 0.00	51.98 4.81 0.00	46.86 3.63 0.00	41.78 2.88 0.00
BALL_HILL_WT_PWR 323825	37.99 -3.76 0.00	35.86 -4.28 -0.14	33.22 -4.19 -0.35	31.58 -3.80 -0.54	33.21 -4.09 -0.09	35.20 -3.27 0.00	40.82 -4.64 0.00	45.19 -5.28 1.83	37.96 -5.22 7.49	32.45 -4.60 11.83	39.32 -4.33 1.92	36.85 -4.51 2.85	34.90 -4.29 4.61	37.65 -4.26 1.98	40.63 -4.62 0.00	42.28 -5.16 0.32	41.09 -5.28 7.57	50.71 -5.37 5.59	52.44 -4.98 0.43	50.54 -5.18 0.01	47.72 -4.32 0.00	42.87 -4.29 0.00	40.77 -2.46 0.00	37.38 -1.52 0.00
BARON_WINDS___WT_PWR 323822	39.19 -2.55 0.00	37.27 -2.96 -0.22	34.73 -2.89 -0.57	32.95 -2.65 -0.76	34.56 -2.79 -0.14	36.35 -2.12 0.00	42.82 -2.64 0.00	40.48 -2.83 9.00	10.89 -2.94 36.84	-12.00 -2.64 58.24	33.56 -2.55 9.46	27.46 -2.74 14.01	18.52 -2.58 22.70	31.69 -2.46 9.73	42.48 -2.76 0.00	43.24 -2.96 1.56	13.01 -2.70 38.24	31.09 -2.34 28.23	53.19 -2.54 2.12	53.11 -2.62 0.00	49.90 -2.14 0.00	44.95 -2.22 0.00	41.98 -1.26 0.00	38.28 -0.62 0.00
BARRETT_IC_1 23704	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_10 23701	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_11 23702	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_12 23703	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_2 23705	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_3 23706	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_4 23707	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00

BARRETT_IC_5 23708	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_6 23709	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_7 23710	44.84 3.09 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.81 1.97 -0.63	40.97 2.50 0.00	48.68 3.23 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.94 4.06 0.00	49.22 3.65 0.00	47.97 3.76 0.00	47.48 3.68 0.00	47.53 3.64 0.00	48.59 3.35 0.00	51.48 3.73 0.00	57.66 3.72 0.00	66.72 5.06 0.00	61.90 4.05 0.00	58.91 3.18 0.00	55.53 3.49 0.00	50.70 3.54 0.00	45.78 2.55 0.00	40.93 2.02 0.00
BARRETT_IC_8 23711	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT_IC_9 23700	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT___1 23545	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BARRETT___2 23546	44.92 3.17 -0.01	43.44 2.44 -0.99	41.67 2.04 -2.57	39.95 1.88 -3.24	39.92 2.08 -0.63	40.93 2.46 0.00	48.73 3.27 0.00	56.27 3.97 0.00	54.92 4.26 0.00	52.93 4.05 0.00	49.35 3.78 0.00	48.37 4.15 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.80 4.86 0.00	67.89 6.23 0.00	63.40 5.55 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.22 4.06 0.00	45.78 2.55 0.00	40.92 2.02 0.00
BATAVIA__115KV_TB1 55881	38.86 -2.88 0.00	37.45 -2.68 -0.13	34.67 -2.71 -0.32	32.86 -2.44 -0.46	34.65 -2.64 -0.08	35.97 -2.50 0.00	41.86 -3.59 0.00	47.22 -4.13 0.94	42.73 -4.10 3.84	39.20 -3.62 6.06	41.21 -3.37 0.99	39.39 -3.36 1.46	38.11 -3.33 2.37	39.49 -3.38 1.02	42.17 -3.08 0.00	43.39 -4.20 0.17	45.74 -4.21 4.00	54.71 -4.01 2.95	52.99 -4.63 0.23	51.99 -3.73 0.00	48.87 -3.17 0.00	43.91 -3.25 0.00	41.29 -1.95 0.00	37.58 -1.32 0.00
BAYONEEC___CTG1 323682	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG10 323750	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG2 323683	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG3 323684	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG4 323685	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG5 323686	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG6 323687	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00

BAYONEEC___CTG7 323688	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG8 323689	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BAYONEEC___CTG9 323749	44.71 2.96 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.66 4.99 0.00	62.13 4.28 0.00	59.07 3.34 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.70 2.46 0.00	40.85 1.94 0.00
BEACON___LESR 323632	44.04 2.29 0.00	43.46 2.16 -1.29	42.35 1.93 -3.37	40.84 1.78 -4.23	39.93 1.90 -0.82	40.51 2.04 0.00	47.72 2.27 0.00	54.50 2.20 0.00	52.90 2.23 0.00	50.98 2.10 0.00	47.30 1.73 0.00	45.89 1.68 0.00	45.42 1.62 0.00	45.46 1.58 0.00	46.87 1.63 0.00	49.57 1.81 0.00	56.21 2.27 0.00	64.63 2.96 0.00	60.45 2.61 0.00	57.79 2.06 0.00	53.86 1.82 0.00	48.86 1.70 0.00	44.70 1.47 0.00	40.34 1.44 0.00
BEAVER RIVER___HYD 24048	52.86 -0.71 -11.83	50.70 -0.80 -11.50	47.26 -0.71 -10.90	44.66 -0.59 -10.42	47.46 -0.60 -10.84	49.16 -0.42 -11.12	58.11 -0.09 -12.75	67.32 0.63 -14.39	64.71 0.10 -13.94	62.62 0.25 -13.50	58.31 -0.05 -12.78	56.66 -0.04 -12.50	56.06 -0.13 -12.39	56.22 -0.09 -12.42	58.08 0.09 -12.74	61.13 0.05 -13.32	69.34 0.70 -14.70	79.00 0.98 -16.35	74.30 0.92 -15.53	71.69 0.78 -15.18	52.61 0.57 0.00	47.31 0.14 0.00	43.06 -0.17 0.00	38.55 -0.35 0.00
BEEBEE_GT_13 23619	39.20 -2.55 0.00	38.09 -2.04 -0.12	35.34 -2.04 -0.32	33.39 -1.85 -0.40	35.28 -2.01 -0.08	36.24 -2.23 0.00	42.45 -3.00 0.00	48.54 -3.77 0.00	46.92 -3.75 0.00	45.55 -3.32 0.00	42.47 -3.10 0.00	41.16 -3.05 0.00	40.78 -3.02 0.00	40.81 -3.07 0.00	42.71 -2.53 0.00	44.18 -3.58 0.00	50.16 -3.78 0.01	57.90 -3.76 0.01	53.74 -4.11 0.00	52.55 -3.18 0.00	49.23 -2.81 0.00	44.38 -2.78 0.00	41.29 -1.95 0.00	37.39 -1.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	45.08 3.34 0.00	43.87 2.88 -0.99	42.11 2.48 -2.57	40.50 2.44 -3.23	40.45 2.61 -0.63	41.12 2.65 0.00	48.63 3.18 0.00	55.70 3.40 0.00	54.42 3.75 0.00	52.74 3.86 0.00	49.26 3.69 0.00	47.88 3.67 0.00	47.44 3.64 0.00	47.53 3.64 0.00	48.73 3.48 0.00	51.48 3.73 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.78 3.93 0.00	59.07 3.34 0.00	55.32 3.28 0.00	50.65 3.49 0.00	46.04 2.81 0.00	41.12 2.22 0.00
BETHLEHEM___GRP 23843	43.41 1.67 0.00	42.90 1.60 -1.29	41.87 1.45 -3.37	40.43 1.36 -4.24	39.49 1.45 -0.82	39.97 1.50 0.00	46.95 1.50 0.00	53.50 1.20 0.00	51.94 1.27 0.00	50.05 1.17 0.00	46.44 0.87 0.00	45.05 0.84 0.00	44.64 0.83 0.00	44.72 0.83 0.00	46.02 0.77 0.00	48.71 0.96 0.00	54.97 1.02 0.00	63.15 1.48 0.00	59.00 1.16 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.72 0.82 0.00
BETHLEHEM___GS1 323560	43.45 1.71 0.00	42.90 1.60 -1.29	41.87 1.44 -3.37	40.43 1.36 -4.24	39.49 1.45 -0.82	39.97 1.50 0.00	46.95 1.50 0.00	53.50 1.20 0.00	51.94 1.27 0.00	50.05 1.17 0.00	46.43 0.86 0.00	45.10 0.88 0.00	44.63 0.83 0.00	44.72 0.83 0.00	46.06 0.82 0.00	48.66 0.91 0.00	55.13 1.19 0.00	63.33 1.67 0.00	59.23 1.39 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.72 0.82 0.00
BETHLEHEM___GS2 323561	43.45 1.71 0.00	42.90 1.60 -1.29	41.87 1.44 -3.37	40.43 1.36 -4.24	39.49 1.45 -0.82	39.97 1.50 0.00	46.95 1.50 0.00	53.50 1.20 0.00	51.94 1.27 0.00	50.05 1.17 0.00	46.43 0.86 0.00	45.10 0.88 0.00	44.63 0.83 0.00	44.72 0.83 0.00	46.06 0.82 0.00	48.66 0.91 0.00	55.13 1.19 0.00	63.33 1.67 0.00	59.23 1.39 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.72 0.82 0.00
BETHLEHEM___GS3 323562	43.45 1.71 0.00	42.90 1.60 -1.29	41.87 1.44 -3.37	40.43 1.36 -4.24	39.49 1.45 -0.82	39.97 1.50 0.00	46.95 1.50 0.00	53.50 1.20 0.00	51.94 1.27 0.00	50.05 1.17 0.00	46.43 0.86 0.00	45.10 0.88 0.00	44.63 0.83 0.00	44.72 0.83 0.00	46.06 0.82 0.00	48.66 0.91 0.00	55.13 1.19 0.00	63.33 1.67 0.00	59.23 1.39 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.72 0.82 0.00
BETHLEHEM___STEEL 23779	38.19 -3.55 0.00	36.02 -4.12 -0.14	33.40 -4.00 -0.35	31.71 -3.66 -0.54	33.40 -3.91 -0.09	35.28 -3.19 0.00	40.95 -4.50 0.00	45.50 -5.07 1.73	38.56 -5.07 7.04	33.25 -4.50 11.13	39.57 -4.19 1.81	37.33 -4.20 2.68	35.35 -4.12 4.34	37.90 -4.13 1.86	40.99 -4.25 0.00	42.54 -4.92 0.30	41.61 -5.18 7.15	51.08 -5.30 5.29	51.60 -5.84 0.41	50.60 -5.13 0.01	47.62 -4.42 0.00	42.83 -4.34 0.00	40.64 -2.59 0.00	37.27 -1.63 0.00
BETHLHEM_115KV_TB1 79974	43.37 1.63 0.00	42.86 1.56 -1.29	41.83 1.41 -3.37	40.39 1.32 -4.24	39.45 1.41 -0.82	39.93 1.46 0.00	46.95 1.50 0.00	53.56 1.26 0.00	51.99 1.32 0.00	50.15 1.27 0.00	46.53 0.96 0.00	45.14 0.93 0.00	44.72 0.92 0.00	44.81 0.92 0.00	46.11 0.86 0.00	48.81 1.05 0.00	55.07 1.13 0.00	63.27 1.60 0.00	59.06 1.21 0.00	56.73 1.00 0.00	52.93 0.88 0.00	48.01 0.85 0.00	43.97 0.73 0.00	39.76 0.86 0.00
BETHPAGE_CC_5 323564	45.08 3.34 0.00	43.55 2.56 -0.99	41.77 2.15 -2.57	40.01 1.95 -3.23	40.07 2.23 -0.63	41.12 2.65 0.00	48.86 3.41 0.00	56.54 4.23 0.00	55.18 4.51 0.00	53.18 4.30 0.00	49.67 4.10 0.00	48.55 4.34 0.00	48.05 4.25 0.00	48.06 4.17 0.00	49.27 4.03 0.00	52.10 4.35 0.00	59.12 5.18 0.00	68.33 6.66 0.00	63.75 5.90 0.00	60.08 4.35 0.00	56.21 4.16 0.00	51.50 4.34 0.00	46.04 2.81 0.00	41.12 2.22 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.32 -3.42 0.00	35.94 -4.20 -0.14	33.30 -4.11 -0.36	31.65 -3.73 -0.54	33.29 -4.02 -0.09	35.39 -3.08 0.00	41.09 -4.36 0.00	45.91 -4.76 1.63	39.24 -4.76 6.66	34.15 -4.20 10.53	39.98 -3.87 1.71	37.79 -3.89 2.54	35.89 -3.81 4.11	38.30 -3.82 1.76	41.13 -4.12 0.00	42.89 -4.58 0.29	42.43 -4.75 6.77	51.80 -4.87 5.00	52.02 -5.44 0.39	50.82 -4.90 0.01	47.83 -4.22 0.00	43.01 -4.15 0.00	40.77 -2.46 0.00	37.46 -1.44 0.00

BINGHAMTON___COGEN 23790	41.49 -0.25 0.00	39.82 -0.52 -0.34	37.42 -0.52 -0.88	35.50 -0.45 -1.13	36.98 -0.45 -0.22	38.31 -0.15 0.00	45.27 -0.18 0.00	52.59 0.05 -0.24	51.64 0.00 -0.97	50.51 0.10 -1.54	45.82 0.00 -0.25	44.54 -0.04 -0.37	44.36 -0.04 -0.60	44.10 -0.04 -0.26	45.11 -0.14 0.00	47.70 -0.10 -0.04	55.08 0.11 -1.03	62.98 0.56 -0.76	57.96 0.06 -0.06	55.73 0.00 0.00	52.09 0.05 0.00	47.07 -0.09 0.00	43.32 0.09 0.00	39.10 0.19 0.00
BIXINCNT_115KV_LOAD 355685	37.48 -4.26 0.00	34.68 -5.48 -0.15	32.07 -5.37 -0.39	30.42 -4.98 -0.57	31.95 -5.36 -0.10	34.62 -3.85 0.00	40.36 -5.09 0.00	45.94 -5.23 1.13	40.79 -5.27 4.61	36.95 -4.64 7.29	40.10 -4.28 1.19	38.04 -4.42 1.76	36.54 -4.42 2.84	38.27 -4.39 1.22	40.13 -5.11 0.00	42.74 -4.82 0.20	44.48 -4.80 4.66	53.35 -4.87 3.44	52.08 -5.50 0.27	50.32 -5.41 0.01	47.77 -4.27 0.00	43.06 -4.10 0.00	40.81 -2.42 0.00	37.74 -1.17 0.00
BLACK RIVER___HYD 24047	49.33 -0.67 -8.26	47.26 -0.80 -8.05	44.03 -0.71 -7.68	41.59 -0.59 -7.36	44.24 -0.56 -7.59	45.81 -0.42 -7.76	54.26 -0.09 -8.90	63.08 0.73 -10.05	60.61 0.20 -9.73	58.69 0.39 -9.42	54.50 0.00 -8.93	52.94 0.00 -8.73	52.37 -0.09 -8.65	52.51 -0.04 -8.67	54.33 0.18 -8.90	57.16 0.10 -9.30	65.02 0.81 -10.27	74.32 1.23 -11.42	69.85 1.16 -10.84	67.33 1.00 -10.60	52.77 0.73 0.00	47.40 0.24 0.00	43.10 -0.13 0.00	38.51 -0.39 0.00
BLACKRVR_115KV_TB2 79977	49.34 -0.67 -8.26	47.26 -0.80 -8.05	44.03 -0.70 -7.68	41.59 -0.59 -7.36	44.24 -0.56 -7.59	45.81 -0.42 -7.76	54.26 -0.09 -8.90	63.08 0.73 -10.05	60.61 0.20 -9.73	58.69 0.39 -9.42	54.50 0.00 -8.93	52.94 0.00 -8.73	52.37 -0.09 -8.65	52.51 -0.04 -8.67	54.37 0.23 -8.90	57.16 0.10 -9.30	65.02 0.81 -10.27	74.26 1.17 -11.42	69.67 0.98 -10.84	67.33 1.00 -10.60	52.77 0.73 0.00	47.40 0.24 0.00	43.10 -0.13 0.00	38.51 -0.39 0.00
BLISS_WT_PWR 323608	37.15 -4.59 0.00	34.36 -5.80 -0.15	31.77 -5.67 -0.39	30.11 -5.29 -0.57	31.58 -5.73 -0.10	34.31 -4.16 0.00	40.04 -5.41 0.00	45.47 -5.70 1.13	40.33 -5.73 4.61	36.56 -5.03 7.29	39.69 -4.69 1.19	37.37 -5.08 1.76	36.01 -4.95 2.84	37.84 -4.83 1.22	39.54 -5.70 0.00	42.02 -5.54 0.20	44.11 -5.18 4.66	52.98 -5.24 3.44	51.56 -6.02 0.27	49.87 -5.85 0.01	47.56 -4.48 0.00	42.92 -4.24 0.00	40.72 -2.51 0.00	37.70 -1.21 0.00
BLUESTONE___WT_PWR 323821	42.83 1.08 0.00	41.05 0.68 -0.36	38.67 0.67 -0.95	36.77 0.73 -1.20	38.34 0.89 -0.23	39.74 1.27 0.00	47.32 1.86 0.00	56.69 4.39 0.00	54.47 3.80 0.00	52.93 4.05 0.00	48.99 3.42 0.00	47.35 3.14 0.00	46.82 3.02 0.00	46.95 3.07 0.00	48.51 3.26 0.00	51.20 3.44 0.00	58.91 4.96 -0.01	65.99 4.32 -0.01	61.55 3.71 0.00	58.96 3.23 0.00	55.01 2.96 0.00	49.52 2.36 0.00	45.39 2.16 0.00	40.81 1.91 0.00
BLUE_CIRC_CHEM_DRP 24182	43.41 1.67 0.00	42.88 1.60 -1.27	41.81 1.45 -3.31	40.35 1.36 -4.16	39.44 1.41 -0.81	39.97 1.50 0.00	47.09 1.64 0.00	53.87 1.57 0.00	52.24 1.57 0.00	50.34 1.47 0.00	46.75 1.18 0.00	45.36 1.15 0.00	44.90 1.10 0.00	44.98 1.10 0.00	46.38 1.13 0.00	49.05 1.29 0.00	55.40 1.46 0.00	63.64 1.97 0.00	59.47 1.62 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.23 0.00	44.36 1.12 0.00	39.95 1.05 0.00
BOC_GAS_DRP 24189	43.12 1.38 0.00	42.61 1.32 -1.29	41.64 1.22 -3.36	40.20 1.15 -4.22	39.26 1.23 -0.82	39.70 1.23 0.00	46.82 1.36 0.00	53.66 1.36 0.00	52.09 1.42 0.00	50.25 1.37 0.00	46.71 1.14 0.00	45.36 1.15 0.00	44.90 1.10 0.00	44.98 1.10 0.00	46.33 1.09 0.00	49.00 1.24 0.00	55.29 1.35 0.00	63.52 1.85 0.00	59.29 1.45 0.00	56.96 1.23 0.00	53.19 1.14 0.00	48.25 1.08 0.00	44.18 0.95 0.00	39.76 0.86 0.00
BOONVILLE_115KV_TB1 79983	46.60 0.38 -4.48	44.62 0.24 -4.37	41.49 0.26 -4.18	39.11 0.28 -4.00	41.67 0.33 -4.12	43.14 0.46 -4.21	51.05 0.77 -4.83	59.06 1.31 -5.45	56.96 1.01 -5.28	55.11 1.12 -5.11	51.28 0.87 -4.84	49.78 0.84 -4.73	49.28 0.79 -4.69	49.38 0.79 -4.70	50.98 0.90 -4.83	53.71 0.91 -5.04	60.91 1.40 -5.57	69.65 1.79 -6.19	65.23 1.50 -5.88	62.87 1.39 -5.75	53.29 1.25 0.00	48.06 0.90 0.00	43.92 0.69 0.00	39.37 0.47 0.00
BORALEX_4TH_BRANCH 23824	44.62 2.88 0.00	43.97 2.68 -1.28	42.81 2.41 -3.34	41.33 2.30 -4.20	40.49 2.46 -0.82	41.08 2.62 0.00	48.59 3.14 0.00	55.91 3.61 0.00	54.27 3.60 0.00	52.35 3.47 0.00	48.67 3.10 0.00	47.22 3.01 0.00	46.74 2.93 0.00	46.82 2.94 0.00	48.14 2.90 0.00	50.91 3.15 0.00	57.55 3.61 0.00	66.17 4.50 0.00	61.66 3.82 0.00	59.24 3.51 0.00	55.22 3.17 0.00	50.14 2.97 0.00	45.78 2.55 0.00	40.93 2.02 0.00
BOWLINE___1 23526	44.16 2.42 0.00	43.00 2.04 -0.96	41.37 1.82 -2.49	39.74 1.78 -3.14	39.72 1.90 -0.61	40.43 1.96 0.00	47.91 2.45 0.00	55.07 2.77 0.00	53.66 2.99 0.00	51.76 2.88 0.00	48.26 2.69 0.00	46.96 2.74 0.00	46.48 2.67 0.00	46.52 2.63 0.00	47.73 2.49 0.00	50.58 2.82 0.00	57.23 3.29 0.00	65.98 4.32 0.00	61.49 3.65 0.00	58.57 2.84 0.00	54.64 2.60 0.00	49.76 2.59 0.00	45.27 2.03 0.00	40.50 1.60 0.00
BOWLINE___2 23595	44.12 2.38 0.00	42.96 2.00 -0.96	41.33 1.78 -2.49	39.71 1.74 -3.14	39.68 1.86 -0.61	40.39 1.92 0.00	47.86 2.41 0.00	55.02 2.72 0.00	53.56 2.89 0.00	51.71 2.83 0.00	48.17 2.60 0.00	46.91 2.70 0.00	46.43 2.63 0.00	46.47 2.59 0.00	47.69 2.44 0.00	50.53 2.77 0.00	57.18 3.24 0.00	65.86 4.20 0.00	61.43 3.59 0.00	58.46 2.73 0.00	54.59 2.55 0.00	49.71 2.55 0.00	45.22 1.99 0.00	40.46 1.56 0.00
BRADY___115KV_TB2 356060	73.48 0.42 -31.32	70.48 0.12 -30.36	65.97 0.26 -28.66	62.46 0.31 -27.31	66.27 0.41 -28.64	68.67 0.77 -29.43	80.88 1.68 -33.75	93.68 3.29 -38.09	89.70 2.13 -36.90	86.71 2.10 -35.73	81.01 1.59 -33.85	78.84 1.55 -33.08	77.88 1.27 -32.81	78.17 1.40 -32.88	80.75 1.76 -33.74	84.88 1.86 -35.26	96.20 3.34 -38.92	108.78 3.82 -43.29	102.65 3.70 -41.10	99.42 3.51 -40.18	55.11 3.07 0.00	49.29 2.12 0.00	44.79 1.56 0.00	40.03 1.13 0.00
BRANSCOMB___SOLAR 323811	43.99 2.25 0.00	43.48 2.16 -1.32	42.38 1.89 -3.44	40.86 1.71 -4.32	39.91 1.86 -0.84	40.51 2.04 0.00	48.09 2.64 0.00	55.18 2.87 0.00	53.56 2.89 0.00	51.52 2.64 0.00	47.85 2.28 0.00	46.38 2.17 0.00	45.91 2.10 0.00	46.03 2.15 0.00	47.46 2.22 0.00	50.24 2.48 0.00	57.01 3.07 0.00	65.56 3.89 0.00	61.32 3.47 0.00	58.63 2.90 0.00	54.64 2.60 0.00	49.52 2.36 0.00	45.22 1.99 0.00	40.50 1.60 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.67 3.92 0.00	44.11 3.12 -0.98	42.29 2.67 -2.57	40.46 2.40 -3.23	40.41 2.57 -0.63	41.78 3.31 0.00	49.73 4.27 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.31 4.74 0.00	49.08 4.86 0.00	48.45 4.64 0.00	48.49 4.61 0.00	49.63 4.39 0.00	52.68 4.92 0.00	59.17 5.23 0.00	68.51 6.85 0.00	63.46 5.61 0.00	60.36 4.63 0.00	56.98 4.94 0.00	51.83 4.67 0.00	46.78 3.55 0.00	41.70 2.80 0.00

BRISTLHL_115KV_TB1 79998	40.32 -1.42 0.00	38.72 -1.36 -0.08	35.96 -1.30 -0.20	33.90 -1.18 -0.25	36.00 -1.27 -0.05	37.20 -1.27 0.00	44.00 -1.45 0.00	50.73 -1.57 0.00	49.10 -1.57 0.00	47.46 -1.42 0.00	44.20 -1.37 0.00	42.84 -1.37 0.00	42.45 -1.36 0.00	42.52 -1.36 0.00	43.93 -1.31 0.00	46.28 -1.48 0.00	52.38 -1.56 0.00	60.19 -1.48 0.00	56.17 -1.68 0.00	54.28 -1.45 0.00	50.64 -1.41 0.00	45.75 -1.41 0.00	41.98 -1.25 0.00	37.81 -1.09 0.00
BROOKHAVEN___DRP 24191	45.62 3.88 0.00	44.03 3.04 -0.98	42.18 2.56 -2.57	40.36 2.30 -3.23	40.34 2.49 -0.63	41.70 3.23 0.00	49.59 4.14 0.00	57.64 5.33 -0.01	56.25 5.57 -0.01	54.11 5.23 0.00	50.13 4.56 0.00	48.90 4.69 0.00	48.27 4.47 0.00	48.27 4.39 0.00	49.45 4.21 0.00	52.49 4.73 0.00	58.96 5.02 0.00	68.45 6.78 0.00	63.40 5.55 0.00	60.24 4.51 0.00	56.83 4.79 0.00	51.69 4.53 0.00	46.69 3.46 0.00	41.63 2.72 0.00
BROOKLYN_NAVY_YARD 23515	44.71 2.96 0.00	43.47 2.48 -0.99	41.77 2.15 -2.57	40.18 2.12 -3.23	40.07 2.23 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.81 3.50 0.00	54.42 3.75 0.00	52.64 3.76 0.00	48.94 3.37 0.00	47.62 3.40 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.46 3.21 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.73 5.06 0.00	62.19 4.34 0.00	59.13 3.40 0.00	55.22 3.17 0.00	50.33 3.16 0.00	45.74 2.51 0.00	40.85 1.94 0.00
BROOKLYN___ARMY_DRP 323595	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
BROOKVLE_69_KV_TB1 55790	45.00 3.26 0.00	43.67 2.68 -0.99	41.92 2.30 -2.57	40.22 2.16 -3.23	40.15 2.31 -0.63	41.16 2.69 0.00	48.86 3.41 0.00	56.49 4.18 0.00	55.08 4.41 0.00	53.18 4.30 0.00	49.53 3.96 0.00	48.24 4.02 0.00	47.75 3.94 0.00	47.79 3.91 0.00	48.96 3.71 0.00	51.87 4.11 0.00	58.04 4.10 0.00	67.10 5.43 0.00	62.30 4.45 0.00	59.41 3.68 0.00	55.84 3.80 0.00	51.03 3.87 0.00	46.13 2.90 0.00	41.20 2.30 0.00
BROOME_2_LFGE 323671	41.49 -0.25 0.00	39.82 -0.52 -0.34	37.42 -0.52 -0.88	35.50 -0.45 -1.13	36.99 -0.44 -0.22	38.32 -0.15 0.00	45.32 -0.14 0.00	52.59 0.05 -0.24	51.64 0.00 -0.97	50.51 0.10 -1.54	45.82 0.00 -0.25	44.49 -0.09 -0.37	44.36 -0.04 -0.60	44.10 -0.04 -0.26	45.11 -0.14 0.00	47.66 -0.14 -0.04	55.19 0.22 -1.03	63.11 0.68 -0.76	58.19 0.29 -0.06	55.79 0.06 0.00	52.09 0.05 0.00	47.02 -0.14 0.00	43.32 0.09 0.00	39.10 0.20 0.00
BROOME___LFGE 323600	41.49 -0.25 0.00	39.82 -0.52 -0.34	37.42 -0.52 -0.88	35.50 -0.45 -1.13	36.99 -0.44 -0.22	38.32 -0.15 0.00	45.32 -0.14 0.00	52.59 0.05 -0.24	51.64 0.00 -0.97	50.51 0.10 -1.54	45.82 0.00 -0.25	44.49 -0.09 -0.37	44.36 -0.04 -0.60	44.10 -0.04 -0.26	45.11 -0.14 0.00	47.66 -0.14 -0.04	55.19 0.22 -1.03	63.11 0.68 -0.76	58.19 0.29 -0.06	55.79 0.06 0.00	52.09 0.05 0.00	47.02 -0.14 0.00	43.32 0.09 0.00	39.10 0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	62.00 -1.00 -21.26	59.50 -1.12 -20.62	55.62 -0.93 -19.49	52.58 -0.84 -18.59	55.81 -0.86 -19.45	57.79 -0.65 -19.97	68.08 -0.27 -22.90	78.73 0.58 -25.85	75.61 -0.10 -25.05	73.18 0.05 -24.25	68.31 -0.23 -22.97	66.49 -0.18 -22.45	65.76 -0.31 -22.26	65.94 -0.26 -22.32	68.10 -0.05 -22.90	71.55 -0.14 -23.93	80.95 0.59 -26.41	91.79 0.74 -29.38	86.50 0.75 -27.90	83.67 0.67 -27.27	52.51 0.47 0.00	47.16 0.00 0.00	42.93 -0.30 0.00	38.44 -0.47 0.00
BROWNSV1_27_KV_LOAD 356125	44.96 3.21 0.00	43.79 2.80 -0.99	42.07 2.45 -2.57	40.46 2.40 -3.23	40.37 2.53 -0.63	41.16 2.69 0.00	48.73 3.27 0.00	56.17 3.87 0.00	54.82 4.15 0.00	53.03 4.15 0.00	49.35 3.78 0.00	47.97 3.76 0.00	47.53 3.72 0.00	47.57 3.69 0.00	48.78 3.53 0.00	51.72 3.96 0.00	58.04 4.10 0.00	66.85 5.18 0.00	62.19 4.34 0.00	59.46 3.73 0.00	55.74 3.69 0.00	50.80 3.63 0.00	46.09 2.85 0.00	41.16 2.26 0.00
BURROWS___LYONSDAL 23803	47.79 0.13 -5.92	45.74 -0.04 -5.77	42.59 0.04 -5.50	40.16 0.07 -5.26	42.76 0.11 -5.44	44.26 0.23 -5.56	52.38 0.55 -6.38	60.60 1.10 -7.20	58.46 0.81 -6.98	56.56 0.93 -6.76	52.61 0.64 -6.40	51.09 0.62 -6.25	50.58 0.57 -6.20	50.67 0.57 -6.22	52.35 0.72 -6.38	55.09 0.67 -6.67	62.49 1.19 -7.36	71.39 1.54 -8.18	66.95 1.33 -7.77	64.55 1.23 -7.60	53.08 1.04 0.00	47.87 0.71 0.00	43.71 0.48 0.00	39.17 0.27 0.00
CAITHNESS_CC_1 323624	45.58 3.84 0.00	43.91 2.92 -0.98	42.11 2.48 -2.57	40.29 2.23 -3.23	40.41 2.57 -0.63	41.55 3.08 0.00	49.50 4.04 0.00	57.49 5.18 -0.01	56.10 5.42 -0.01	53.96 5.08 0.00	50.40 4.83 0.00	49.30 5.08 0.00	48.62 4.82 0.00	48.62 4.74 0.00	49.86 4.62 0.00	52.92 5.16 0.00	60.25 6.31 0.00	69.81 8.14 0.00	65.14 7.29 0.00	61.25 5.52 0.00	57.24 5.20 0.00	52.21 5.05 0.00	46.56 3.33 0.00	41.51 2.61 0.00
CALPINE BETH_PAGE_GT4 24209	45.04 3.30 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.05 1.99 -3.23	39.96 2.12 -0.63	41.16 2.69 0.00	48.77 3.32 0.00	56.49 4.18 0.00	55.13 4.46 0.00	53.13 4.25 0.00	49.40 3.83 0.00	48.19 3.98 0.00	47.79 3.99 0.00	47.83 3.95 0.00	48.96 3.71 0.00	51.72 3.96 0.00	57.99 4.05 0.00	67.10 5.43 0.00	62.19 4.34 0.00	59.19 3.46 0.00	55.84 3.80 0.00	50.94 3.77 0.00	46.09 2.85 0.00	41.16 2.26 0.00
CALPINE_BETH_PAGE_GT_4 323586	45.12 3.38 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.04 1.98 -3.23	40.07 2.23 -0.63	41.12 2.65 0.00	48.82 3.36 0.00	56.49 4.19 0.00	55.13 4.46 0.00	53.13 4.25 0.00	49.62 4.05 0.00	48.55 4.34 0.00	48.10 4.30 0.00	48.10 4.21 0.00	49.32 4.07 0.00	52.06 4.30 0.00	59.07 5.13 0.00	68.27 6.60 0.00	63.69 5.84 0.00	60.08 4.35 0.00	56.21 4.16 0.00	51.55 4.39 0.00	46.09 2.85 0.00	41.16 2.26 0.00
CALPINE_BP_GT1 23823	45.12 3.38 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.04 1.98 -3.23	40.07 2.23 -0.63	41.12 2.65 0.00	48.82 3.36 0.00	56.49 4.19 0.00	55.13 4.46 0.00	53.13 4.25 0.00	49.62 4.05 0.00	48.55 4.34 0.00	48.10 4.30 0.00	48.10 4.21 0.00	49.32 4.07 0.00	52.06 4.30 0.00	59.07 5.13 0.00	68.27 6.60 0.00	63.69 5.84 0.00	60.08 4.35 0.00	56.21 4.16 0.00	51.55 4.39 0.00	46.09 2.85 0.00	41.16 2.26 0.00
CALSPAN___DRP 24200	38.19 -3.55 0.00	36.02 -4.12 -0.14	33.40 -4.00 -0.35	31.71 -3.66 -0.54	33.40 -3.91 -0.09	35.28 -3.19 0.00	40.95 -4.50 0.00	45.50 -5.07 1.73	38.56 -5.07 7.04	33.25 -4.50 11.13	39.57 -4.19 1.81	37.33 -4.20 2.68	35.35 -4.12 4.34	37.90 -4.13 1.86	40.99 -4.25 0.00	42.54 -4.92 0.30	41.61 -5.18 7.15	51.08 -5.30 5.29	51.60 -5.84 0.41	50.60 -5.13 0.01	47.62 -4.42 0.00	42.83 -4.34 0.00	40.64 -2.59 0.00	37.27 -1.63 0.00

CALVERTON___SOLAR 323806	45.83 4.09 0.00	44.11 3.12 -0.98	42.29 2.67 -2.57	40.46 2.40 -3.23	40.60 2.75 -0.63	41.78 3.31 0.00	49.77 4.32 0.00	57.80 5.49 -0.01	56.45 5.77 -0.01	54.26 5.38 0.00	50.67 5.10 0.00	49.60 5.39 0.00	48.93 5.12 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.20 5.44 0.00	60.68 6.74 0.00	70.30 8.63 0.00	65.65 7.81 0.00	61.70 5.97 0.00	57.61 5.57 0.00	52.54 5.37 0.00	46.82 3.59 0.00	41.74 2.84 0.00
CANDIGU_WT_PWR 323617	39.19 -2.55 0.00	37.27 -2.96 -0.22	34.73 -2.89 -0.57	32.95 -2.65 -0.76	34.56 -2.79 -0.14	36.35 -2.12 0.00	42.82 -2.64 0.00	40.48 -2.83 9.00	10.89 -2.94 36.84	-12.00 -2.64 58.24	33.56 -2.55 9.46	27.46 -2.74 14.01	18.52 -2.58 22.70	31.69 -2.46 9.73	42.48 -2.76 0.00	43.24 -2.96 1.56	13.01 -2.70 38.24	31.09 -2.34 28.23	53.19 -2.54 2.12	53.11 -2.62 0.00	49.90 -2.14 0.00	44.95 -2.22 0.00	41.98 -1.26 0.00	38.28 -0.62 0.00
CARR STREET_E_SYR 24060	40.74 -1.00 0.00	39.14 -0.96 -0.09	36.38 -0.92 -0.25	34.30 -0.84 -0.31	36.38 -0.89 -0.06	37.62 -0.85 0.00	44.50 -0.96 0.00	51.26 -1.05 0.00	49.66 -1.01 0.00	48.05 -0.83 0.00	44.70 -0.87 0.00	43.28 -0.93 0.00	42.88 -0.92 0.00	43.01 -0.88 0.00	44.38 -0.86 0.00	46.61 -1.15 0.00	52.86 -1.08 0.00	60.74 -0.92 0.00	56.92 -0.93 0.00	54.62 -1.11 0.00	51.00 -1.04 0.00	46.08 -1.08 0.00	42.46 -0.78 0.00	38.24 -0.66 0.00
CARTHAGE___PAPER 23857	50.67 -0.71 -9.64	48.55 -0.84 -9.39	45.24 -0.74 -8.93	42.74 -0.63 -8.54	45.43 -0.63 -8.84	47.07 -0.46 -9.06	55.75 -0.09 -10.39	64.70 0.68 -11.73	62.13 0.10 -11.36	60.17 0.30 -11.00	55.90 -0.09 -10.42	54.31 -0.09 -10.18	53.73 -0.17 -10.10	53.88 -0.13 -10.12	55.72 0.09 -10.39	58.66 0.05 -10.86	66.62 0.70 -11.98	76.04 1.05 -13.33	71.54 1.04 -12.65	68.94 0.84 -12.37	52.67 0.63 0.00	47.31 0.14 0.00	43.06 -0.17 0.00	38.48 -0.43 0.00
CASSADAGA_WT_PWR 323784	37.23 -4.51 0.00	34.67 -5.48 -0.15	32.13 -5.30 -0.38	30.62 -4.77 -0.56	32.21 -5.10 -0.10	34.51 -3.96 0.00	40.14 -5.32 0.00	45.30 -5.70 1.31	39.76 -5.57 5.33	35.56 -4.89 8.43	39.60 -4.60 1.37	37.37 -4.82 2.03	35.92 -4.60 3.29	37.95 -4.52 1.41	40.22 -5.02 0.00	42.18 -5.35 0.23	43.23 -5.34 5.37	52.58 -5.12 3.97	52.80 -4.74 0.31	51.10 -4.63 0.01	48.40 -3.64 0.00	43.58 -3.59 0.00	41.42 -1.81 0.00	38.05 -0.86 0.00
CE_DUNWOOD___DRP 24194	44.46 2.71 0.00	43.35 2.36 -0.98	41.73 2.11 -2.56	40.11 2.06 -3.23	40.00 2.16 -0.63	40.78 2.31 0.00	48.27 2.82 0.00	55.60 3.29 0.00	54.16 3.50 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.35 3.14 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.14 2.90 0.00	51.05 3.30 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.91 3.18 0.00	55.11 3.07 0.00	50.18 3.02 0.00	45.61 2.38 0.00	40.77 1.87 0.00
CE_MILLWOOD___DRP 24193	44.33 2.59 0.00	43.27 2.28 -0.98	41.65 2.04 -2.56	40.03 1.99 -3.22	39.92 2.08 -0.62	40.70 2.23 0.00	48.18 2.73 0.00	55.49 3.19 0.00	54.01 3.34 0.00	52.20 3.32 0.00	48.58 3.01 0.00	47.22 3.01 0.00	46.78 2.98 0.00	46.82 2.94 0.00	48.01 2.76 0.00	50.91 3.15 0.00	57.28 3.34 0.00	65.98 4.32 0.00	61.38 3.53 0.00	58.80 3.07 0.00	55.01 2.97 0.00	50.04 2.88 0.00	45.52 2.29 0.00	40.69 1.79 0.00
CE_NYC2_DRP 24202	44.79 3.05 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.36 2.91 0.00	55.60 3.29 0.00	54.27 3.60 0.00	52.54 3.67 0.00	48.99 3.42 0.00	47.62 3.40 0.00	47.18 3.37 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.32 3.16 0.00	45.70 2.46 0.00	40.85 1.95 0.00
CE_NYC_DRP 24195	44.66 2.92 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.29 2.23 -3.23	40.15 2.31 -0.63	40.93 2.46 0.00	48.45 3.00 0.00	55.80 3.50 0.00	54.47 3.80 0.00	52.69 3.81 0.00	48.71 3.46 0.32	47.44 3.45 0.22	47.04 3.42 0.18	47.08 3.38 0.19	48.18 3.21 0.28	50.91 3.63 0.48	56.70 3.67 0.91	65.58 4.75 0.84	60.88 3.88 0.84	58.18 3.29 0.84	54.55 3.28 0.77	50.00 3.25 0.42	45.51 2.51 0.23	40.86 1.98 0.03
CHAFFEE___LFGE 323603	38.36 -3.38 0.00	36.03 -4.12 -0.14	33.39 -4.04 -0.37	31.73 -3.66 -0.56	33.36 -3.95 -0.09	35.51 -2.96 0.00	41.18 -4.27 0.00	46.12 -4.76 1.43	40.14 -4.71 5.81	35.58 -4.11 9.19	40.16 -3.92 1.50	37.89 -4.11 2.21	36.32 -3.90 3.58	38.48 -3.86 1.54	40.90 -4.34 0.00	42.73 -4.78 0.25	43.19 -4.85 5.89	52.38 -4.94 4.36	52.65 -4.86 0.34	50.65 -5.07 0.01	47.77 -4.27 0.00	42.87 -4.29 0.00	40.72 -2.51 0.00	37.35 -1.56 0.00
CHATEAUG_35_KV_LOAD 355732	-9.76 -1.46 50.04	-9.85 -1.40 48.46	-9.83 -1.22 45.66	-9.83 -1.18 43.48	-9.82 -1.30 45.74	-9.82 -1.27 47.02	-9.74 -1.27 53.92	-9.70 -1.15 60.86	-9.76 -1.47 58.96	-9.77 -1.56 57.09	-9.83 -1.32 54.08	-9.84 -1.19 52.85	-9.80 -1.18 52.42	-9.79 -1.14 52.54	-9.83 -1.18 53.90	-9.83 -1.24 56.34	-9.48 -1.24 62.18	-9.35 -1.85 69.16	-9.04 -1.21 65.67	-9.69 -1.23 64.19	50.95 -1.09 0.00	46.08 -1.08 0.00	42.41 -0.82 0.00	38.40 -0.51 0.00
CHATEAUG_WT_PWR 323614	-6.51 -1.79 46.46	-6.63 -1.64 44.99	-6.78 -1.45 42.39	-6.93 -1.39 40.37	-6.74 -1.49 42.46	-6.65 -1.46 43.65	-6.20 -1.59 50.06	-5.72 -1.52 56.50	-5.89 -1.82 54.74	-5.98 -1.86 53.00	-6.24 -1.60 50.21	-6.41 -1.55 49.07	-6.40 -1.53 48.66	-6.43 -1.54 48.77	-6.29 -1.49 50.04	-6.12 -1.57 52.31	-5.62 -1.83 57.73	-5.13 -2.59 64.21	-5.32 -2.20 60.97	-5.48 -1.62 59.60	50.58 -1.46 0.00	45.80 -1.37 0.00	42.15 -1.08 0.00	38.16 -0.74 0.00
CHAT_HIGH_FALL_HYD 323578	-9.76 -1.46 50.04	-9.85 -1.40 48.46	-9.83 -1.22 45.66	-9.83 -1.18 43.48	-9.82 -1.30 45.74	-9.82 -1.27 47.02	-9.74 -1.27 53.92	-9.70 -1.15 60.86	-9.76 -1.47 58.96	-9.77 -1.56 57.09	-9.83 -1.32 54.08	-9.84 -1.19 52.85	-9.80 -1.18 52.42	-9.79 -1.14 52.54	-9.83 -1.18 53.90	-9.83 -1.24 56.34	-9.48 -1.24 62.18	-9.35 -1.85 69.16	-9.04 -1.21 65.67	-9.69 -1.23 64.19	50.95 -1.09 0.00	46.08 -1.08 0.00	42.41 -0.82 0.00	38.40 -0.51 0.00
CHAUTAUQUA___LFGE 323629	37.86 -3.88 0.00	35.71 -4.44 -0.14	33.08 -4.34 -0.36	31.48 -3.90 -0.55	33.10 -4.21 -0.09	35.08 -3.39 0.00	40.72 -4.73 0.00	45.37 -5.34 1.59	38.89 -5.27 6.50	33.96 -4.64 10.28	39.57 -4.33 1.67	37.18 -4.55 2.48	35.46 -4.34 4.01	37.91 -4.26 1.72	40.59 -4.66 0.00	42.32 -5.16 0.28	42.09 -5.28 6.56	51.57 -5.24 4.85	52.73 -4.74 0.38	50.82 -4.90 0.01	48.03 -4.01 0.00	43.20 -3.96 0.00	41.07 -2.16 0.00	37.66 -1.25 0.00
CHERRYST_13_KV_LD 356241	44.79 3.05 0.00	43.67 2.68 -0.99	41.96 2.33 -2.57	40.36 2.30 -3.23	40.26 2.42 -0.63	41.01 2.54 0.00	48.59 3.14 0.00	55.96 3.66 0.00	54.62 3.95 0.00	52.84 3.96 0.00	48.89 3.65 0.32	47.61 3.63 0.22	47.17 3.55 0.18	47.25 3.55 0.19	48.36 3.39 0.28	51.10 3.82 0.48	56.92 3.88 0.91	65.76 4.93 0.84	61.05 4.05 0.84	58.34 3.46 0.84	54.71 3.43 0.77	50.14 3.40 0.42	45.64 2.64 0.23	40.94 2.06 0.03

CHESTROR_138KV_BK263 355645	43.91 2.17 0.00	42.83 1.92 -0.91	41.13 1.70 -2.37	39.48 1.67 -2.98	39.54 1.75 -0.58	40.31 1.85 0.00	47.73 2.27 0.00	54.92 2.62 0.00	53.40 2.74 0.00	51.57 2.69 0.00	48.03 2.46 0.00	46.64 2.43 0.00	46.21 2.41 0.00	46.25 2.37 0.00	47.46 2.22 0.00	50.39 2.63 0.00	56.69 2.75 0.00	65.37 3.70 0.00	60.85 3.01 0.00	58.29 2.56 0.00	54.49 2.45 0.00	49.57 2.41 0.00	45.14 1.90 0.00	40.42 1.52 0.00
CH_MIDHUDSON___DRP 24192	44.50 2.75 0.00	43.57 2.56 -1.00	41.93 2.26 -2.62	40.28 2.16 -3.29	40.16 2.31 -0.64	40.85 2.39 0.00	48.36 2.91 0.00	55.65 3.35 0.00	54.16 3.50 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.22 3.01 0.00	46.74 2.93 0.00	46.82 2.94 0.00	48.05 2.81 0.00	51.05 3.30 0.00	57.50 3.56 0.00	66.29 4.63 0.00	61.72 3.88 0.00	59.13 3.40 0.00	55.27 3.23 0.00	50.18 3.02 0.00	45.74 2.51 0.00	40.93 2.02 0.00
CH_MISC_IPPS 23765	44.71 2.96 0.00	43.63 2.64 -0.99	41.96 2.34 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.97 2.50 0.00	48.59 3.13 0.00	55.75 3.45 0.00	54.27 3.60 0.00	52.25 3.37 0.00	48.71 3.14 0.00	47.31 3.09 0.00	46.78 2.98 0.00	46.87 2.99 0.00	48.14 2.90 0.00	51.20 3.44 0.00	57.99 4.05 0.00	66.91 5.24 0.00	62.48 4.63 0.00	59.52 3.79 0.00	55.47 3.43 0.00	50.37 3.21 0.00	45.87 2.64 0.00	41.04 2.14 0.00
CH_RES_BVR_FALLS 23983	39.00 -0.96 1.78	37.44 -0.84 1.72	34.65 -0.78 1.62	32.52 -0.77 1.55	34.77 -0.82 1.63	35.95 -0.85 1.67	42.58 -0.96 1.92	49.14 -1.00 2.16	47.51 -1.07 2.10	45.73 -1.12 2.03	42.74 -0.91 1.92	41.45 -0.88 1.88	41.11 -0.83 1.86	41.18 -0.84 1.87	42.47 -0.86 1.92	44.90 -0.86 2.00	50.59 -1.14 2.21	57.61 -1.60 2.46	54.18 -1.33 2.34	52.55 -0.89 2.28	51.26 -0.78 0.00	46.50 -0.66 0.00	42.72 -0.52 0.00	38.55 -0.35 0.00
CH_RES_NIAGARA 23895	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.22 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.28 -4.19 0.00	39.59 -5.86 0.00	44.16 -6.80 1.34	38.63 -6.74 5.30	34.35 -6.16 8.37	38.41 -5.79 1.37	36.48 -5.70 2.03	34.97 -5.56 3.27	36.85 -5.62 1.41	39.64 -5.61 0.00	40.46 -7.07 0.23	41.12 -7.28 5.54	49.68 -7.89 4.09	48.91 -8.62 0.31	48.48 -7.25 0.01	45.69 -6.35 0.00	41.08 -6.08 0.00	39.13 -4.11 0.00	35.87 -3.03 0.00
CH_RES_SYRACUSE 23985	40.82 -0.92 0.00	39.22 -0.88 -0.09	36.45 -0.85 -0.25	34.37 -0.77 -0.31	36.46 -0.82 -0.06	37.70 -0.77 0.00	44.64 -0.82 0.00	51.41 -0.89 0.00	49.81 -0.86 0.00	48.15 -0.73 0.00	44.79 -0.77 0.00	43.37 -0.84 0.00	42.97 -0.83 0.00	43.10 -0.79 0.00	44.48 -0.77 0.00	46.85 -0.91 0.00	53.13 -0.81 0.00	61.05 -0.62 0.00	57.21 -0.64 0.00	54.95 -0.78 0.00	51.31 -0.73 0.00	46.36 -0.80 0.00	42.59 -0.65 0.00	38.32 -0.58 0.00
CLINTON_WT_PWR 323605	-6.51 -1.79 46.46	-6.63 -1.64 44.99	-6.78 -1.45 42.39	-6.93 -1.39 40.37	-6.74 -1.49 42.46	-6.65 -1.46 43.65	-6.20 -1.59 50.06	-5.72 -1.52 56.50	-5.89 -1.82 54.74	-5.98 -1.86 53.00	-6.24 -1.60 50.21	-6.41 -1.55 49.07	-6.40 -1.53 48.66	-6.43 -1.54 48.77	-6.29 -1.49 50.04	-6.12 -1.57 52.31	-5.62 -1.83 57.73	-5.13 -2.59 64.21	-5.32 -2.20 60.97	-5.48 -1.62 59.60	50.58 -1.46 0.00	45.80 -1.37 0.00	42.15 -1.08 0.00	38.16 -0.74 0.00
CLINTON___LFGE 323618	-6.87 -1.21 47.40	-6.97 -1.08 45.89	-7.11 -0.92 43.24	-7.26 -0.91 41.18	-7.07 -0.97 43.32	-6.91 -0.85 44.53	-6.39 -0.77 51.07	-5.81 -0.47 57.64	-6.08 -0.91 55.84	-6.22 -1.03 54.07	-6.47 -0.82 51.22	-6.60 -0.75 50.06	-6.58 -0.74 49.64	-6.58 -0.70 49.76	-6.48 -0.68 51.05	-6.27 -0.67 53.36	-5.71 -0.76 58.89	-5.13 -1.30 65.51	-5.39 -1.04 62.20	-5.57 -0.50 60.79	51.52 -0.52 0.00	46.60 -0.56 0.00	42.84 -0.39 0.00	38.79 -0.12 0.00
COBBLENY_34_KV_TB1 80064	38.32 -3.42 0.00	36.03 -4.12 -0.14	33.38 -4.04 -0.37	31.73 -3.66 -0.56	33.36 -3.94 -0.09	35.43 -3.04 0.00	41.09 -4.36 0.00	46.12 -4.76 1.43	40.09 -4.76 5.81	35.49 -4.20 9.19	40.16 -3.92 1.50	38.11 -3.89 2.21	36.41 -3.81 3.58	38.53 -3.82 1.54	41.17 -4.07 0.00	42.88 -4.63 0.25	43.19 -4.85 5.89	52.38 -4.93 4.36	52.01 -5.50 0.34	50.77 -4.96 0.01	47.77 -4.27 0.00	42.92 -4.24 0.00	40.73 -2.51 0.00	37.35 -1.56 0.00
COFFEEN___115KV_TB3 355620	49.30 -0.46 -8.02	47.18 -0.64 -7.82	43.96 -0.56 -7.46	41.52 -0.45 -7.15	44.17 -0.41 -7.36	45.77 -0.23 -7.53	54.23 0.14 -8.64	63.10 1.05 -9.75	60.57 0.46 -9.45	58.66 0.64 -9.15	54.46 0.23 -8.66	52.90 0.22 -8.47	52.29 0.09 -8.40	52.48 0.18 -8.42	54.29 0.41 -8.64	57.12 0.33 -9.03	65.04 1.13 -9.96	74.35 1.60 -11.08	69.76 1.39 -10.52	67.35 1.34 -10.28	53.08 1.04 0.00	47.64 0.47 0.00	43.32 0.09 0.00	38.71 -0.19 0.00
COLDSPRG_115KV_BK1 355956	38.65 -3.09 0.00	35.52 -4.64 -0.16	32.93 -4.52 -0.40	31.31 -4.11 -0.58	32.96 -4.35 -0.10	35.74 -2.73 0.00	41.63 -3.82 0.00	48.05 -3.40 0.85	43.69 -3.50 3.48	40.49 -2.88 5.50	42.03 -2.64 0.90	40.19 -2.70 1.33	38.98 -2.67 2.15	40.33 -2.63 0.92	41.85 -3.39 0.00	44.36 -3.25 0.15	47.23 -3.24 3.47	56.20 -2.90 2.57	54.17 -3.47 0.20	52.27 -3.46 0.01	49.23 -2.81 0.00	44.29 -2.88 0.00	41.89 -1.34 0.00	38.51 -0.39 0.00
COLONIE_LFGE___ 323577	43.95 2.21 0.00	43.35 2.04 -1.31	42.31 1.85 -3.41	40.82 1.71 -4.28	39.87 1.82 -0.83	40.39 1.92 0.00	47.82 2.36 0.00	54.86 2.56 0.00	53.25 2.58 0.00	51.32 2.44 0.00	47.71 2.14 0.00	46.29 2.08 0.00	45.82 2.02 0.00	45.90 2.02 0.00	47.28 2.04 0.00	50.00 2.25 0.00	56.69 2.75 0.00	65.18 3.51 0.00	60.91 3.06 0.00	58.24 2.51 0.00	54.28 2.24 0.00	49.29 2.12 0.00	45.01 1.77 0.00	40.38 1.48 0.00
COOPERNY_115KV_TB1 80082	43.29 1.54 0.00	42.16 1.40 -0.75	40.28 1.26 -1.96	38.52 1.22 -2.47	39.00 1.30 -0.48	39.81 1.35 0.00	47.09 1.64 0.00	54.24 1.94 0.00	52.70 2.03 0.00	50.88 2.00 0.00	47.39 1.82 0.00	46.03 1.81 0.00	45.60 1.80 0.00	45.68 1.80 0.00	46.92 1.67 0.00	49.67 1.91 0.00	56.04 2.10 0.00	64.44 2.78 0.00	60.05 2.20 0.00	57.63 1.89 0.00	53.86 1.82 0.00	48.91 1.75 0.00	44.66 1.43 0.00	40.03 1.13 0.00
COPENHAGEN_WT_PWR 323753	48.62 -0.71 -7.58	46.52 -0.88 -7.40	43.38 -0.74 -7.07	40.94 -0.66 -6.77	43.55 -0.63 -6.97	45.09 -0.50 -7.13	53.40 -0.23 -8.17	61.99 0.47 -9.22	59.60 0.00 -8.94	57.78 0.25 -8.65	53.63 -0.14 -8.20	52.09 -0.13 -8.01	51.53 -0.22 -7.94	51.67 -0.17 -7.96	53.46 0.05 -8.17	56.25 -0.05 -8.54	63.96 0.59 -9.42	73.08 0.93 -10.48	68.72 0.92 -9.95	66.18 0.72 -9.73	52.56 0.52 0.00	47.21 0.05 0.00	42.98 -0.26 0.00	38.44 -0.47 0.00
CORNELL_____ 23752	41.83 0.08 0.00	40.16 -0.08 -0.23	37.55 -0.11 -0.60	35.52 -0.07 -0.76	37.32 -0.04 -0.15	38.70 0.23 0.00	45.86 0.41 0.00	52.88 0.58 0.00	51.18 0.51 0.00	49.47 0.59 0.00	45.98 0.41 0.00	44.57 0.35 0.00	44.11 0.31 0.00	44.24 0.35 0.00	45.56 0.32 0.00	48.14 0.38 0.00	54.59 0.65 0.00	63.28 1.60 0.00	58.89 1.04 0.00	56.79 1.06 0.00	52.98 0.94 0.00	47.78 0.61 0.00	43.88 0.65 0.00	39.52 0.62 0.00

CORONA__69_KV_TB1 355595	44.96 3.21 0.00	43.55 2.56 -0.99	41.81 2.19 -2.57	40.08 2.02 -3.23	39.96 2.12 -0.63	41.08 2.62 0.00	48.82 3.36 0.00	56.48 4.18 0.00	55.13 4.46 0.00	53.13 4.25 0.00	49.49 3.92 0.00	48.24 4.02 0.00	47.70 3.90 0.00	47.75 3.86 0.00	48.87 3.62 0.00	51.82 4.06 0.00	58.09 4.15 0.00	67.22 5.55 0.00	62.36 4.51 0.00	59.41 3.68 0.00	55.94 3.90 0.00	50.99 3.82 0.00	46.04 2.81 0.00	41.12 2.22 0.00
CORTLAND__115KV_TB3 80093	41.66 -0.08 0.00	40.00 -0.20 -0.19	37.33 -0.22 -0.50	35.28 -0.17 -0.63	37.19 -0.15 -0.12	38.51 0.04 0.00	45.59 0.14 0.00	52.67 0.37 0.00	50.97 0.30 0.00	49.27 0.39 0.00	45.84 0.27 0.00	44.43 0.22 0.00	43.98 0.18 0.00	44.10 0.22 0.00	45.47 0.23 0.00	47.95 0.19 0.00	54.37 0.43 0.00	62.65 0.99 0.00	58.37 0.52 0.00	56.23 0.50 0.00	52.51 0.47 0.00	47.40 0.24 0.00	43.54 0.30 0.00	39.21 0.31 0.00
COXSACKIE__GT 23611	44.83 3.09 0.00	43.78 2.56 -1.22	42.45 2.22 -3.17	40.87 2.05 -3.99	40.22 2.23 -0.77	41.28 2.81 0.00	48.63 3.18 0.00	55.18 2.87 0.00	53.45 2.78 0.00	51.03 2.15 0.00	47.30 1.73 0.00	45.72 1.50 0.00	45.20 1.40 0.00	45.42 1.54 0.00	46.83 1.58 0.00	50.10 2.34 0.00	57.12 3.18 0.00	65.92 4.25 0.00	62.01 4.17 0.00	59.24 3.51 0.00	55.11 3.07 0.00	49.85 2.69 0.00	45.65 2.42 0.00	41.35 2.45 0.00
CPV_VALLEY__CC1 323721	43.70 1.96 0.00	42.54 1.68 -0.86	40.77 1.48 -2.23	39.10 1.46 -2.81	39.32 1.56 -0.55	40.08 1.62 0.00	47.45 2.00 0.00	54.60 2.30 0.00	53.10 2.43 0.00	51.22 2.35 0.00	47.71 2.14 0.00	46.42 2.21 0.00	45.91 2.10 0.00	45.99 2.11 0.00	47.28 2.04 0.00	50.05 2.29 0.00	56.64 2.70 0.00	65.24 3.58 0.00	60.85 3.01 0.00	58.07 2.34 0.00	54.18 2.13 0.00	49.24 2.07 0.00	44.88 1.64 0.00	40.18 1.28 0.00
CPV_VALLEY__CC2 323722	43.70 1.96 0.00	42.54 1.68 -0.86	40.77 1.48 -2.23	39.10 1.46 -2.81	39.32 1.56 -0.55	40.08 1.62 0.00	47.45 2.00 0.00	54.60 2.30 0.00	53.10 2.43 0.00	51.22 2.35 0.00	47.71 2.14 0.00	46.42 2.21 0.00	45.91 2.10 0.00	45.99 2.11 0.00	47.28 2.04 0.00	50.05 2.29 0.00	56.64 2.70 0.00	65.24 3.58 0.00	60.85 3.01 0.00	58.07 2.34 0.00	54.18 2.13 0.00	49.24 2.07 0.00	44.88 1.64 0.00	40.18 1.28 0.00
CRESCENT__HYD 24018	43.95 2.21 0.00	43.35 2.04 -1.31	42.31 1.85 -3.41	40.82 1.71 -4.28	39.87 1.82 -0.83	40.39 1.92 0.00	47.82 2.36 0.00	54.86 2.56 0.00	53.25 2.58 0.00	51.32 2.44 0.00	47.71 2.14 0.00	46.29 2.08 0.00	45.82 2.02 0.00	45.90 2.02 0.00	47.28 2.04 0.00	50.00 2.25 0.00	56.69 2.75 0.00	65.18 3.51 0.00	60.91 3.06 0.00	58.24 2.51 0.00	54.28 2.24 0.00	49.29 2.12 0.00	45.01 1.77 0.00	40.38 1.48 0.00
CRICKET__VALLEY_CC1 323756	44.29 2.55 0.00	43.29 2.24 -1.05	41.79 2.00 -2.74	40.22 1.95 -3.44	39.97 2.08 -0.67	40.54 2.08 0.00	48.04 2.59 0.00	55.23 2.93 0.00	53.76 3.09 0.00	51.86 2.98 0.00	48.30 2.73 0.00	46.96 2.74 0.00	46.48 2.67 0.00	46.52 2.63 0.00	47.82 2.58 0.00	50.62 2.87 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.55 3.71 0.00	58.63 2.90 0.00	54.69 2.65 0.00	49.71 2.55 0.00	45.35 2.12 0.00	40.54 1.63 0.00
CRICKET__VALLEY_CC2 323757	44.29 2.55 0.00	43.29 2.24 -1.05	41.79 2.00 -2.74	40.22 1.95 -3.44	39.97 2.08 -0.67	40.54 2.08 0.00	48.04 2.59 0.00	55.23 2.93 0.00	53.76 3.09 0.00	51.86 2.98 0.00	48.30 2.73 0.00	46.96 2.74 0.00	46.48 2.67 0.00	46.52 2.63 0.00	47.82 2.58 0.00	50.62 2.87 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.55 3.71 0.00	58.63 2.90 0.00	54.69 2.65 0.00	49.71 2.55 0.00	45.35 2.12 0.00	40.54 1.63 0.00
CRICKET__VALLEY_CC3 323758	44.29 2.55 0.00	43.29 2.24 -1.05	41.79 2.00 -2.74	40.22 1.95 -3.44	39.97 2.08 -0.67	40.54 2.08 0.00	48.04 2.59 0.00	55.23 2.93 0.00	53.76 3.09 0.00	51.86 2.98 0.00	48.30 2.73 0.00	46.96 2.74 0.00	46.48 2.67 0.00	46.52 2.63 0.00	47.82 2.58 0.00	50.62 2.87 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.55 3.71 0.00	58.63 2.90 0.00	54.69 2.65 0.00	49.71 2.55 0.00	45.35 2.12 0.00	40.54 1.63 0.00
CRUCIBLE__METL_DRP 24180	40.82 -0.92 0.00	39.22 -0.88 -0.09	36.45 -0.85 -0.25	34.37 -0.77 -0.31	36.46 -0.82 -0.06	37.70 -0.77 0.00	44.59 -0.86 0.00	51.41 -0.89 0.00	49.81 -0.86 0.00	48.15 -0.73 0.00	44.80 -0.77 0.00	43.42 -0.80 0.00	43.01 -0.79 0.00	43.09 -0.79 0.00	44.52 -0.72 0.00	46.85 -0.91 0.00	53.08 -0.86 0.00	60.99 -0.68 0.00	56.92 -0.93 0.00	54.95 -0.78 0.00	51.31 -0.73 0.00	46.36 -0.80 0.00	42.58 -0.65 0.00	38.32 -0.58 0.00
DAHOWA__HYDRO 323763	43.95 2.21 0.00	43.49 2.16 -1.32	42.39 1.89 -3.45	40.87 1.71 -4.33	39.88 1.82 -0.84	40.51 2.04 0.00	48.13 2.68 0.00	55.23 2.93 0.00	53.66 2.99 0.00	51.57 2.69 0.00	47.89 2.32 0.00	46.42 2.21 0.00	45.91 2.10 0.00	46.03 2.15 0.00	47.51 2.26 0.00	50.29 2.53 0.00	57.07 3.13 0.00	65.67 4.01 0.00	61.43 3.59 0.00	58.74 3.01 0.00	54.69 2.65 0.00	49.57 2.40 0.00	45.22 1.99 0.00	40.50 1.60 0.00
DANC__LFGE 323619	45.95 -1.00 -5.21	44.07 -1.04 -5.10	41.01 -0.96 -4.92	38.69 -0.87 -4.73	41.16 -0.85 -4.80	42.55 -0.81 -4.89	50.33 -0.73 -5.61	58.27 -0.36 -6.33	56.14 -0.66 -6.13	54.38 -0.44 -5.94	50.56 -0.64 -5.63	49.05 -0.66 -5.50	48.55 -0.70 -5.45	48.69 -0.66 -5.46	50.31 -0.54 -5.61	52.95 -0.67 -5.86	60.19 -0.21 -6.47	68.80 -0.06 -7.19	64.68 0.00 -6.83	62.24 -0.17 -6.68	51.73 -0.31 0.00	46.65 -0.52 0.00	42.59 -0.65 0.00	38.16 -0.74 0.00
DANSKAMMER__1 23586	44.71 2.96 0.00	43.63 2.64 -0.99	41.96 2.34 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.97 2.50 0.00	48.59 3.13 0.00	55.75 3.45 0.00	54.27 3.60 0.00	52.25 3.37 0.00	48.71 3.14 0.00	47.31 3.09 0.00	46.78 2.98 0.00	46.87 2.99 0.00	48.14 2.90 0.00	51.20 3.44 0.00	57.99 4.05 0.00	66.91 5.24 0.00	62.48 4.63 0.00	59.52 3.79 0.00	55.47 3.43 0.00	50.37 3.21 0.00	45.87 2.64 0.00	41.04 2.14 0.00
DANSKAMMER__2 23589	44.71 2.96 0.00	43.63 2.64 -0.99	41.96 2.34 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.97 2.50 0.00	48.59 3.13 0.00	55.75 3.45 0.00	54.27 3.60 0.00	52.25 3.37 0.00	48.71 3.14 0.00	47.31 3.09 0.00	46.78 2.98 0.00	46.87 2.99 0.00	48.14 2.90 0.00	51.20 3.44 0.00	57.99 4.05 0.00	66.91 5.24 0.00	62.48 4.63 0.00	59.52 3.79 0.00	55.47 3.43 0.00	50.37 3.21 0.00	45.87 2.64 0.00	41.04 2.14 0.00
DANSKAMMER__3 23590	44.71 2.96 0.00	43.63 2.64 -0.99	41.96 2.34 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.97 2.50 0.00	48.59 3.13 0.00	55.75 3.45 0.00	54.27 3.60 0.00	52.25 3.37 0.00	48.71 3.14 0.00	47.31 3.09 0.00	46.78 2.98 0.00	46.87 2.99 0.00	48.14 2.90 0.00	51.20 3.44 0.00	57.99 4.05 0.00	66.91 5.24 0.00	62.48 4.63 0.00	59.52 3.79 0.00	55.47 3.43 0.00	50.37 3.21 0.00	45.87 2.64 0.00	41.04 2.14 0.00

DANSKAMMER___4 23591	44.71 2.96 0.00	43.63 2.64 -0.99	41.96 2.34 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.97 2.50 0.00	48.59 3.13 0.00	55.75 3.45 0.00	54.27 3.60 0.00	52.25 3.37 0.00	48.71 3.14 0.00	47.31 3.09 0.00	46.78 2.98 0.00	46.87 2.99 0.00	48.14 2.90 0.00	51.20 3.44 0.00	57.99 4.05 0.00	66.91 5.24 0.00	62.48 4.63 0.00	59.52 3.79 0.00	55.47 3.43 0.00	50.37 3.21 0.00	45.87 2.64 0.00	41.04 2.14 0.00
DANSKAMMER___DIESEL 23592	44.62 2.88 0.00	43.63 2.64 -0.99	41.96 2.33 -2.57	40.29 2.23 -3.23	40.22 2.38 -0.63	40.97 2.50 0.00	48.54 3.09 0.00	55.75 3.45 0.00	54.27 3.60 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.26 3.05 0.00	46.78 2.98 0.00	46.87 2.98 0.00	48.05 2.81 0.00	51.20 3.44 0.00	57.66 3.72 0.00	66.54 4.87 0.00	61.95 4.11 0.00	59.35 3.62 0.00	55.48 3.43 0.00	50.37 3.21 0.00	45.87 2.64 0.00	41.04 2.14 0.00
DARBY___SOLAR 323810	43.95 2.21 0.00	43.44 2.12 -1.32	42.35 1.85 -3.44	40.86 1.71 -4.32	39.88 1.82 -0.84	40.47 2.00 0.00	48.04 2.59 0.00	55.12 2.82 0.00	53.56 2.89 0.00	51.47 2.59 0.00	47.80 2.23 0.00	46.34 2.12 0.00	45.86 2.06 0.00	45.99 2.11 0.00	47.42 2.17 0.00	50.19 2.43 0.00	56.96 3.02 0.00	65.49 3.82 0.00	61.32 3.47 0.00	58.57 2.84 0.00	54.59 2.55 0.00	49.52 2.36 0.00	45.18 1.95 0.00	40.46 1.56 0.00
DASHVILLE___HYD 23610	44.87 3.13 0.00	43.63 2.60 -1.02	41.98 2.26 -2.66	40.37 2.19 -3.34	40.25 2.38 -0.65	41.20 2.73 0.00	48.82 3.36 0.00	55.96 3.66 0.00	54.52 3.85 0.00	52.35 3.47 0.00	48.81 3.24 0.00	47.35 3.14 0.00	46.87 3.07 0.00	46.96 3.07 0.00	48.14 2.90 0.00	51.44 3.68 0.00	57.99 4.05 0.00	67.03 5.37 0.00	62.47 4.63 0.00	59.80 4.07 0.00	55.84 3.80 0.00	50.70 3.54 0.00	46.13 2.90 0.00	41.31 2.41 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	45.96 4.22 0.00	44.31 3.32 -0.98	42.44 2.82 -2.57	40.60 2.54 -3.23	40.60 2.75 -0.63	42.01 3.54 0.00	50.00 4.55 0.00	58.22 5.91 -0.01	56.86 6.18 -0.01	54.65 5.77 0.00	50.54 4.97 0.00	49.34 5.13 0.00	48.67 4.86 0.00	48.67 4.78 0.00	49.77 4.52 0.00	52.87 5.11 0.00	59.50 5.56 0.00	69.19 7.52 0.00	64.09 6.25 0.00	60.80 5.07 0.00	57.30 5.26 0.00	52.07 4.91 0.00	46.95 3.72 0.00	42.01 3.11 0.00
DELAWARE___LFGE 323621	42.99 1.25 0.00	41.54 1.08 -0.45	39.27 1.04 -1.17	37.32 1.01 -1.48	38.62 1.12 -0.29	39.62 1.15 0.00	46.91 1.45 0.00	54.24 1.94 0.00	52.49 1.82 0.00	50.74 1.86 0.00	47.21 1.64 0.00	45.76 1.55 0.00	45.29 1.49 0.00	45.42 1.54 0.00	46.74 1.49 0.00	49.38 1.62 0.00	55.95 2.00 -0.01	64.20 2.53 -0.01	59.93 2.08 0.00	57.57 1.84 0.00	53.76 1.72 0.00	48.72 1.56 0.00	44.53 1.30 0.00	39.99 1.09 0.00
DERFIELD_115KV_TB7 355931	41.95 0.21 0.00	40.21 0.20 0.00	37.24 0.19 0.00	35.00 0.17 0.00	37.40 0.19 0.00	38.66 0.19 0.00	45.63 0.18 0.00	52.51 0.21 0.00	50.92 0.25 0.00	49.17 0.29 0.00	45.80 0.23 0.00	44.43 0.22 0.00	44.02 0.22 0.00	44.10 0.22 0.00	45.43 0.18 0.00	48.00 0.24 0.00	54.21 0.27 0.00	62.10 0.43 0.00	58.14 0.29 0.00	55.95 0.22 0.00	52.25 0.21 0.00	47.40 0.24 0.00	43.41 0.17 0.00	39.02 0.12 0.00
DOGLEVILLE___HYD 23807	42.28 0.54 0.00	40.61 0.60 0.00	37.69 0.63 0.00	35.39 0.56 0.00	37.77 0.56 0.00	39.08 0.61 0.00	46.14 0.68 0.00	53.14 0.83 0.00	51.43 0.76 0.00	49.61 0.73 0.00	46.16 0.59 0.00	44.79 0.57 0.00	44.37 0.57 0.00	44.41 0.53 0.00	45.83 0.59 0.00	48.38 0.62 0.00	54.75 0.81 0.00	62.65 0.98 0.00	58.72 0.87 0.00	56.40 0.67 0.00	52.72 0.67 0.00	47.92 0.75 0.00	43.97 0.73 0.00	39.60 0.70 0.00
DUNKIRK___115KV_TB_200 55889	37.94 -3.80 0.00	35.83 -4.32 -0.14	33.19 -4.22 -0.36	31.55 -3.83 -0.55	33.21 -4.09 -0.09	35.04 -3.42 0.00	40.68 -4.77 0.00	45.40 -5.28 1.62	38.78 -5.27 6.62	33.73 -4.69 10.46	39.59 -4.28 1.70	37.36 -4.33 2.52	35.48 -4.25 4.08	37.92 -4.21 1.75	40.95 -4.30 0.00	42.46 -5.01 0.28	42.03 -5.23 6.68	51.49 -5.24 4.94	51.80 -5.67 0.38	50.93 -4.79 0.01	47.98 -4.06 0.00	43.16 -4.01 0.00	40.98 -2.25 0.00	37.58 -1.32 0.00
DUNKIRK___1 23563	37.94 -3.80 0.00	35.83 -4.32 -0.14	33.19 -4.22 -0.36	31.55 -3.83 -0.55	33.21 -4.09 -0.09	35.04 -3.42 0.00	40.68 -4.77 0.00	45.40 -5.28 1.62	38.78 -5.27 6.62	33.73 -4.69 10.46	39.59 -4.28 1.70	37.36 -4.33 2.52	35.48 -4.25 4.08	37.92 -4.21 1.75	40.95 -4.30 0.00	42.46 -5.01 0.28	42.03 -5.23 6.68	51.49 -5.24 4.94	51.80 -5.67 0.38	50.93 -4.79 0.01	47.98 -4.06 0.00	43.16 -4.01 0.00	40.98 -2.25 0.00	37.58 -1.32 0.00
DUNKIRK___2 23564	37.94 -3.80 0.00	35.83 -4.32 -0.14	33.19 -4.22 -0.36	31.55 -3.83 -0.55	33.21 -4.09 -0.09	35.04 -3.42 0.00	40.68 -4.77 0.00	45.40 -5.28 1.62	38.78 -5.27 6.62	33.73 -4.69 10.46	39.59 -4.28 1.70	37.36 -4.33 2.52	35.48 -4.25 4.08	37.92 -4.21 1.75	40.95 -4.30 0.00	42.46 -5.01 0.28	42.03 -5.23 6.68	51.49 -5.24 4.94	51.80 -5.67 0.38	50.93 -4.79 0.01	47.98 -4.06 0.00	43.16 -4.01 0.00	40.98 -2.25 0.00	37.58 -1.32 0.00
DUNKIRK___3 23565	37.99 -3.76 0.00	35.82 -4.32 -0.14	33.22 -4.19 -0.35	31.58 -3.80 -0.54	33.21 -4.09 -0.09	35.12 -3.35 0.00	40.73 -4.73 0.00	45.29 -5.23 1.79	38.15 -5.22 7.30	32.75 -4.59 11.53	39.46 -4.24 1.87	37.19 -4.24 2.78	35.15 -4.16 4.50	37.79 -4.17 1.93	40.95 -4.30 0.00	42.48 -4.97 0.31	41.39 -5.18 7.38	50.97 -5.24 5.45	51.70 -5.73 0.42	50.82 -4.90 0.01	47.88 -4.16 0.00	43.06 -4.10 0.00	40.86 -2.38 0.00	37.46 -1.44 0.00
DUNKIRK___4 23566	37.99 -3.76 0.00	35.82 -4.32 -0.14	33.22 -4.19 -0.35	31.58 -3.80 -0.54	33.21 -4.09 -0.09	35.12 -3.35 0.00	40.73 -4.73 0.00	45.29 -5.23 1.79	38.15 -5.22 7.30	32.75 -4.59 11.53	39.46 -4.24 1.87	37.19 -4.24 2.78	35.15 -4.16 4.50	37.79 -4.17 1.93	40.95 -4.30 0.00	42.48 -4.97 0.31	41.39 -5.18 7.38	50.97 -5.24 5.45	51.70 -5.73 0.42	50.82 -4.90 0.01	47.88 -4.16 0.00	43.06 -4.10 0.00	40.86 -2.38 0.00	37.46 -1.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.58 2.84 0.00	43.47 2.48 -0.99	41.81 2.19 -2.57	40.18 2.12 -3.23	40.07 2.23 -0.63	40.85 2.39 0.00	48.36 2.91 0.00	55.70 3.40 0.00	54.27 3.60 0.00	52.45 3.57 0.00	48.85 3.28 0.00	47.44 3.23 0.00	47.00 3.20 0.00	47.04 3.16 0.00	48.28 3.03 0.00	51.20 3.44 0.00	57.50 3.56 0.00	66.29 4.63 0.00	61.66 3.82 0.00	59.02 3.29 0.00	55.22 3.17 0.00	50.32 3.16 0.00	45.70 2.46 0.00	40.85 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.29 2.55 0.00	43.28 2.32 -0.95	41.58 2.04 -2.49	39.94 1.99 -3.13	39.91 2.08 -0.61	40.66 2.19 0.00	48.13 2.68 0.00	55.33 3.03 0.00	53.86 3.19 0.00	51.91 3.03 0.00	48.35 2.78 0.00	46.95 2.74 0.00	46.52 2.72 0.00	46.56 2.68 0.00	47.78 2.53 0.00	50.82 3.06 0.00	57.23 3.29 0.00	65.98 4.32 0.00	61.43 3.59 0.00	58.85 3.12 0.00	55.01 2.97 0.00	49.99 2.83 0.00	45.52 2.29 0.00	40.73 1.83 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.13 2.68 0.00	55.33 3.03 0.00	54.01 3.34 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.40 3.18 0.00	46.91 3.11 0.00	47.00 3.12 0.00	48.19 2.94 0.00	50.96 3.20 0.00	57.12 3.18 0.00	65.74 4.07 0.00	61.09 3.24 0.00	58.41 2.68 0.00	54.80 2.76 0.00	50.09 2.92 0.00	45.48 2.25 0.00	40.61 1.71 0.00
E179THST_13_KV_LOAD 356214	44.96 3.21 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.20 3.44 0.00	57.39 3.45 0.00	66.05 4.38 0.00	61.38 3.53 0.00	58.68 2.95 0.00	55.06 3.02 0.00	50.32 3.16 0.00	45.65 2.42 0.00	40.77 1.87 0.00
EAST HAMPTON___GT 23717	45.83 4.09 0.00	44.11 3.12 -0.98	42.29 2.67 -2.57	40.46 2.40 -3.23	40.63 2.79 -0.63	41.81 3.35 0.00	49.86 4.41 0.00	58.01 5.70 -0.01	56.70 6.03 -0.01	54.50 5.62 0.00	50.67 5.10 0.00	49.65 5.44 0.00	48.93 5.12 0.00	48.84 4.96 0.00	50.04 4.79 0.00	53.11 5.35 0.00	60.68 6.74 0.00	70.49 8.82 0.00	65.77 7.93 0.00	61.75 6.02 0.00	57.55 5.51 0.00	52.45 5.28 0.00	46.56 3.33 0.00	41.82 2.92 0.00
EAST RIVER___6 23660	44.83 3.09 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.81 3.50 0.00	54.52 3.85 0.00	52.74 3.86 0.00	48.76 3.51 0.32	47.57 3.58 0.22	47.12 3.51 0.18	47.16 3.47 0.19	48.36 3.40 0.28	51.01 3.73 0.48	57.19 4.15 0.91	66.07 5.24 0.84	61.52 4.52 0.84	58.40 3.51 0.84	54.55 3.28 0.77	50.00 3.25 0.42	45.50 2.51 0.23	40.78 1.91 0.03
EAST RIVER___7 23524	44.83 3.09 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.81 3.50 0.00	54.52 3.85 0.00	52.74 3.86 0.00	48.76 3.51 0.32	47.57 3.58 0.22	47.12 3.51 0.18	47.16 3.47 0.19	48.36 3.40 0.28	51.01 3.73 0.48	57.19 4.15 0.91	66.07 5.24 0.84	61.52 4.52 0.84	58.40 3.51 0.84	54.55 3.28 0.77	50.00 3.25 0.42	45.50 2.51 0.23	40.78 1.91 0.03
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.46 2.71 0.00	43.35 2.36 -0.98	41.73 2.11 -2.56	40.11 2.06 -3.23	40.00 2.16 -0.63	40.78 2.31 0.00	48.27 2.82 0.00	55.60 3.29 0.00	54.16 3.50 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.35 3.14 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.14 2.90 0.00	51.05 3.30 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.91 3.18 0.00	55.11 3.07 0.00	50.18 3.02 0.00	45.61 2.38 0.00	40.77 1.87 0.00
EAST_HAMPTON___DIESEL 23722	45.79 4.05 0.00	44.03 3.04 -0.98	42.22 2.59 -2.57	40.39 2.33 -3.23	40.56 2.72 -0.63	41.74 3.27 0.00	49.77 4.32 0.00	57.96 5.65 -0.01	56.60 5.93 -0.01	54.45 5.57 0.00	50.58 5.01 0.00	49.56 5.35 0.00	48.84 5.04 0.00	48.75 4.87 0.00	49.95 4.71 0.00	53.01 5.25 0.00	60.57 6.63 0.00	70.37 8.70 0.00	65.65 7.81 0.00	61.64 5.90 0.00	57.45 5.41 0.00	52.35 5.19 0.00	46.48 3.24 0.00	41.78 2.88 0.00
EAST_POINT___SOLAR 323840	44.66 2.92 0.00	44.26 2.80 -1.45	43.32 2.48 -3.78	41.78 2.20 -4.76	40.52 2.38 -0.92	41.28 2.81 0.00	49.13 3.68 0.00	56.54 4.23 0.00	54.47 3.80 0.00	51.66 2.78 0.00	47.71 2.14 0.00	45.72 1.50 0.00	44.94 1.14 0.00	45.68 1.80 0.00	47.10 1.86 0.00	50.62 2.87 0.00	57.83 3.89 0.00	66.73 5.06 0.00	62.65 4.80 0.00	59.96 4.23 0.00	55.95 3.91 0.00	50.85 3.68 0.00	46.30 3.07 0.00	41.35 2.45 0.00
EAST_PULASKI___ESR 323781	43.34 -1.21 -2.81	41.60 -1.20 -2.79	38.69 -1.11 -2.75	36.49 -1.01 -2.67	38.79 -1.04 -2.61	40.07 -1.04 -2.64	47.35 -1.13 -3.03	54.62 -1.10 -3.42	52.76 -1.22 -3.31	51.11 -0.98 -3.21	47.56 -1.05 -3.04	46.08 -1.10 -2.97	45.65 -1.09 -2.94	45.74 -1.10 -2.95	47.28 -1.00 -3.03	49.78 -1.15 -3.16	56.46 -0.97 -3.49	64.69 -0.86 -3.88	60.73 -0.81 -3.69	58.39 -0.95 -3.61	51.11 -0.94 0.00	46.13 -1.04 0.00	42.24 -0.99 0.00	37.97 -0.93 0.00
EAST_RIVER___1 323558	44.79 3.05 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.29 2.23 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.50 3.05 0.00	55.81 3.50 0.00	54.47 3.80 0.00	52.69 3.82 0.00	48.71 3.46 0.32	47.53 3.54 0.22	47.04 3.42 0.18	47.08 3.38 0.19	48.27 3.30 0.28	50.91 3.63 0.48	57.13 4.10 0.91	66.01 5.18 0.84	61.46 4.45 0.84	58.35 3.46 0.84	54.55 3.28 0.77	50.00 3.25 0.42	45.50 2.51 0.23	40.86 1.98 0.03
EAST_RIVER___2 323559	44.83 3.09 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.11 2.27 -0.63	40.85 2.39 0.00	48.45 3.00 0.00	55.81 3.50 0.00	54.52 3.85 0.00	52.74 3.86 0.00	48.76 3.51 0.32	47.57 3.58 0.22	47.12 3.51 0.18	47.16 3.47 0.19	48.36 3.40 0.28	51.01 3.73 0.48	57.19 4.15 0.91	66.07 5.24 0.84	61.52 4.52 0.84	58.40 3.51 0.84	54.55 3.28 0.77	50.00 3.25 0.42	45.50 2.51 0.23	40.78 1.91 0.03
EAST___DELAWARE_HYD 23607	44.71 2.96 0.00	43.59 2.68 -0.90	41.78 2.37 -2.35	40.09 2.30 -2.96	40.25 2.46 -0.57	41.05 2.58 0.00	48.63 3.18 0.00	55.86 3.56 0.00	54.27 3.60 0.00	52.20 3.33 0.00	48.62 3.05 0.00	47.18 2.96 0.00	46.65 2.85 0.00	46.78 2.90 0.00	48.10 2.85 0.00	51.20 3.44 0.00	58.09 4.15 0.00	67.10 5.43 0.00	62.71 4.86 0.00	59.80 4.07 0.00	55.74 3.70 0.00	50.56 3.40 0.00	46.00 2.77 0.00	41.24 2.33 0.00
EIGHT_POINT___WT_PWR 323820	38.70 -3.05 0.00	36.73 -3.48 -0.20	34.21 -3.37 -0.52	32.43 -3.10 -0.70	34.11 -3.24 -0.13	35.97 -2.50 0.00	42.59 -2.86 0.00	54.71 -2.98 -5.39	69.48 -3.24 -22.06	80.81 -2.93 -34.87	48.45 -2.78 -5.66	49.42 -3.18 -8.39	54.63 -2.76 -13.59	47.12 -2.59 -5.83	42.40 -2.85 0.00	45.54 -3.15 -0.93	74.19 -2.75 -23.00	76.43 -2.22 -16.98	56.80 -2.32 -1.27	53.39 -2.34 0.00	50.37 -1.67 0.00	45.23 -1.94 0.00	42.37 -0.86 0.00	38.71 -0.19 0.00
ELBRIDGE_115KV_TB2 80188	40.49 -1.25 0.00	38.94 -1.16 -0.10	36.20 -1.11 -0.25	34.14 -1.01 -0.32	36.20 -1.08 -0.06	37.43 -1.04 0.00	44.23 -1.23 0.00	50.94 -1.36 0.00	49.35 -1.32 0.00	47.71 -1.17 0.00	44.38 -1.18 0.00	43.02 -1.19 0.00	42.62 -1.18 0.00	42.70 -1.18 0.00	44.16 -1.09 0.00	46.47 -1.29 0.00	52.59 -1.35 0.00	60.43 -1.23 0.00	56.40 -1.45 0.00	54.50 -1.23 0.00	50.90 -1.14 0.00	45.99 -1.18 0.00	42.24 -0.99 0.00	38.01 -0.89 0.00
ELEC_TRO_TEK 24086	44.75 3.01 0.00	43.35 2.36 -0.99	41.63 2.00 -2.57	39.91 1.85 -3.23	39.78 1.94 -0.63	40.89 2.42 0.00	48.59 3.14 0.00	56.22 3.92 0.00	54.87 4.21 0.00	52.89 4.01 0.00	49.22 3.65 0.00	47.97 3.76 0.00	47.48 3.68 0.00	47.53 3.64 0.00	48.64 3.39 0.00	51.58 3.82 0.00	57.77 3.83 0.00	66.79 5.12 0.00	61.95 4.11 0.00	59.07 3.34 0.00	55.63 3.59 0.00	50.70 3.54 0.00	45.78 2.55 0.00	40.89 1.98 0.00

ELLENBURG_WT_PWR 323604	-6.51 -1.79 46.46	-6.63 -1.64 44.99	-6.78 -1.45 42.39	-6.93 -1.39 40.37	-6.74 -1.49 42.46	-6.65 -1.46 43.65	-6.20 -1.59 50.06	-5.72 -1.52 56.50	-5.89 -1.82 54.74	-5.98 -1.86 53.00	-6.24 -1.60 50.21	-6.41 -1.55 49.07	-6.40 -1.53 48.66	-6.43 -1.54 48.77	-6.29 -1.49 50.04	-6.12 -1.57 52.31	-5.62 -1.83 57.73	-5.13 -2.59 64.21	-5.32 -2.20 60.97	-5.48 -1.62 59.60	50.58 -1.46 0.00	45.80 -1.37 0.00	42.15 -1.08 0.00	38.16 -0.74 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.90 -3.84 0.00	36.10 -4.04 -0.13	33.42 -3.97 -0.33	31.77 -3.59 -0.52	33.43 -3.87 -0.09	35.04 -3.42 0.00	40.59 -4.86 0.00	44.84 -5.70 1.76	37.86 -5.62 7.19	32.44 -5.08 11.36	39.03 -4.69 1.84	36.79 -4.69 2.73	34.78 -4.60 4.43	37.38 -4.61 1.90	40.68 -4.57 0.00	41.96 -5.49 0.31	40.96 -5.83 7.15	50.33 -6.04 5.29	50.84 -6.59 0.41	50.10 -5.63 0.01	47.15 -4.89 0.00	42.35 -4.81 0.00	40.25 -2.98 0.00	36.88 -2.02 0.00
EMPIRE_CC_1 323656	43.91 2.17 0.00	43.26 2.00 -1.26	42.15 1.82 -3.28	40.66 1.71 -4.13	39.84 1.82 -0.80	40.35 1.88 0.00	47.68 2.23 0.00	54.66 2.36 0.00	53.05 2.38 0.00	51.18 2.30 0.00	47.57 2.00 0.00	46.20 1.99 0.00	45.73 1.93 0.00	45.81 1.93 0.00	47.15 1.90 0.00	49.86 2.10 0.00	56.48 2.54 0.00	64.93 3.27 0.00	60.62 2.78 0.00	57.96 2.23 0.00	54.07 2.03 0.00	49.10 1.93 0.00	44.88 1.64 0.00	40.30 1.40 0.00
EMPIRE_CC_2 323658	43.91 2.17 0.00	43.26 2.00 -1.26	42.15 1.82 -3.28	40.66 1.71 -4.13	39.84 1.82 -0.80	40.35 1.88 0.00	47.68 2.23 0.00	54.66 2.36 0.00	53.05 2.38 0.00	51.18 2.30 0.00	47.57 2.00 0.00	46.20 1.99 0.00	45.73 1.93 0.00	45.81 1.93 0.00	47.15 1.90 0.00	49.86 2.10 0.00	56.48 2.54 0.00	64.93 3.27 0.00	60.62 2.78 0.00	57.96 2.23 0.00	54.07 2.03 0.00	49.10 1.93 0.00	44.88 1.64 0.00	40.30 1.40 0.00
ENORWICH_115KV_TB1 80156	43.33 1.59 0.00	41.45 1.12 -0.32	39.01 1.11 -0.84	37.08 1.18 -1.07	38.87 1.45 -0.21	40.39 1.92 0.00	48.18 2.73 0.00	60.36 8.05 0.00	57.56 6.89 0.00	55.87 6.99 0.00	51.45 5.88 0.00	49.74 5.53 0.00	49.10 5.30 0.00	49.19 5.31 0.00	51.04 5.79 0.00	53.92 6.16 0.00	62.37 8.41 -0.01	67.16 5.49 -0.01	62.53 4.69 0.00	60.19 4.46 0.00	56.15 4.11 0.00	50.47 3.30 0.00	46.17 2.94 0.00	41.47 2.57 0.00
ERIE_ST_34_KV_TB1-2 80199	38.69 -3.05 0.00	35.66 -4.48 -0.14	33.08 -4.34 -0.36	31.40 -3.97 -0.54	33.06 -4.24 -0.09	35.78 -2.69 0.00	41.54 -3.91 0.00	47.00 -3.77 1.53	40.62 -3.80 6.25	35.73 -3.27 9.87	40.96 -3.01 1.61	38.78 -3.05 2.38	37.02 -2.93 3.85	39.29 -2.94 1.65	41.54 -3.71 0.00	43.86 -3.63 0.27	43.86 -3.72 6.36	53.33 -3.64 4.70	53.14 -4.34 0.36	51.27 -4.46 0.01	48.24 -3.80 0.00	43.34 -3.82 0.00	41.03 -2.20 0.00	37.77 -1.13 0.00
ERIE_WT_PWR 323693	38.19 -3.55 0.00	36.02 -4.12 -0.14	33.40 -4.00 -0.35	31.71 -3.66 -0.54	33.40 -3.91 -0.09	35.39 -3.08 0.00	41.04 -4.41 0.00	45.45 -5.12 1.73	38.56 -5.07 7.04	33.30 -4.45 11.13	39.57 -4.19 1.81	37.15 -4.38 2.68	35.30 -4.16 4.34	37.89 -4.13 1.86	40.72 -4.52 0.00	42.39 -5.06 0.30	41.55 -5.23 7.15	51.08 -5.30 5.29	52.41 -5.03 0.41	50.48 -5.24 0.01	47.67 -4.37 0.00	42.78 -4.38 0.00	40.64 -2.59 0.00	37.31 -1.60 0.00
ESPRGFLD_115KV_TB1 80157	43.33 1.59 0.00	41.44 1.44 0.00	38.35 1.30 0.00	36.05 1.22 0.00	38.55 1.34 0.00	40.05 1.58 0.00	47.54 2.09 0.00	55.07 2.77 0.00	53.20 2.53 0.00	51.18 2.30 0.00	47.48 1.91 0.00	45.89 1.68 0.00	45.38 1.58 0.00	45.60 1.71 0.00	46.97 1.72 0.00	49.86 2.10 0.00	56.58 2.64 0.00	65.06 3.39 0.00	60.80 2.95 0.00	58.41 2.68 0.00	54.49 2.45 0.00	49.43 2.26 0.00	45.09 1.86 0.00	40.38 1.48 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.78 0.04 0.00	40.08 -0.16 -0.23	37.51 -0.15 -0.60	35.49 -0.10 -0.76	37.29 -0.07 -0.15	38.66 0.19 0.00	45.82 0.36 0.00	52.77 0.47 0.00	51.07 0.41 0.00	49.37 0.49 0.00	45.93 0.36 0.00	44.48 0.27 0.00	44.02 0.22 0.00	44.15 0.26 0.00	45.52 0.27 0.00	48.05 0.29 0.00	54.48 0.54 0.00	63.09 1.42 0.00	58.77 0.93 0.00	56.68 0.95 0.00	52.87 0.83 0.00	47.73 0.57 0.00	43.79 0.56 0.00	39.49 0.58 0.00
ETNA____115KV_TB2 80207	41.78 0.04 0.00	40.08 -0.16 -0.23	37.51 -0.15 -0.60	35.49 -0.10 -0.76	37.29 -0.07 -0.15	38.66 0.19 0.00	45.82 0.36 0.00	52.77 0.47 0.00	51.07 0.41 0.00	49.37 0.49 0.00	45.93 0.36 0.00	44.48 0.27 0.00	44.02 0.22 0.00	44.15 0.26 0.00	45.52 0.27 0.00	48.05 0.29 0.00	54.48 0.54 0.00	63.09 1.42 0.00	58.77 0.93 0.00	56.68 0.95 0.00	52.87 0.83 0.00	47.73 0.57 0.00	43.79 0.56 0.00	39.49 0.58 0.00
EUCLID____115KV_TB2 356179	40.53 -1.21 0.00	38.97 -1.12 -0.09	36.21 -1.07 -0.22	34.10 -1.01 -0.28	36.23 -1.04 -0.05	37.43 -1.04 0.00	44.23 -1.23 0.00	50.94 -1.36 0.00	49.30 -1.37 0.00	47.66 -1.22 0.00	44.38 -1.18 0.00	43.02 -1.19 0.00	42.62 -1.18 0.00	42.70 -1.18 0.00	44.16 -1.09 0.00	46.42 -1.34 0.00	52.54 -1.40 0.00	60.37 -1.30 0.00	56.29 -1.56 0.00	54.39 -1.34 0.00	50.79 -1.25 0.00	45.94 -1.23 0.00	42.20 -1.04 0.00	38.01 -0.89 0.00
E_CANADA_CAP_HY 24051	43.95 2.21 0.00	43.59 2.08 -1.51	42.83 1.85 -3.93	41.40 1.64 -4.94	39.96 1.79 -0.96	40.58 2.11 0.00	48.18 2.73 0.00	55.49 3.19 0.00	53.61 2.94 0.00	51.22 2.35 0.00	47.53 1.96 0.00	45.80 1.59 0.00	45.20 1.40 0.00	45.55 1.67 0.00	46.96 1.72 0.00	50.00 2.25 0.00	56.85 2.91 0.00	65.56 3.89 0.00	61.49 3.65 0.00	58.79 3.06 0.00	54.80 2.76 0.00	49.99 2.83 0.00	45.52 2.29 0.00	40.73 1.83 0.00
E_CANADA_MHWK_HY 24050	42.28 0.54 0.00	40.61 0.60 0.00	37.69 0.63 0.00	35.39 0.56 0.00	37.77 0.56 0.00	39.08 0.61 0.00	46.14 0.68 0.00	53.14 0.83 0.00	51.43 0.76 0.00	49.61 0.73 0.00	46.16 0.59 0.00	44.79 0.57 0.00	44.37 0.57 0.00	44.41 0.53 0.00	45.83 0.59 0.00	48.38 0.62 0.00	54.75 0.81 0.00	62.65 0.98 0.00	58.72 0.87 0.00	56.40 0.67 0.00	52.72 0.67 0.00	47.92 0.75 0.00	43.97 0.73 0.00	39.60 0.70 0.00
E_FISHKILL____LBMP 23776	44.20 2.46 0.00	43.25 2.24 -1.01	41.65 1.96 -2.63	40.05 1.92 -3.31	39.90 2.05 -0.64	40.62 2.15 0.00	48.04 2.59 0.00	55.33 3.03 0.00	53.86 3.19 0.00	52.01 3.13 0.00	48.44 2.87 0.00	47.04 2.83 0.00	46.61 2.80 0.00	46.65 2.76 0.00	47.87 2.62 0.00	50.77 3.01 0.00	57.12 3.18 0.00	65.80 4.13 0.00	61.20 3.36 0.00	58.63 2.90 0.00	54.85 2.81 0.00	49.85 2.69 0.00	45.44 2.20 0.00	40.61 1.71 0.00
FALCON____SEABRD_CC1 323796	-6.70 -1.54 46.90	-6.81 -1.40 45.41	-6.99 -1.26 42.79	-7.10 -1.18 40.75	-6.91 -1.27 42.86	-6.79 -1.19 44.06	-6.30 -1.23 50.53	-5.77 -1.05 57.03	-6.00 -1.42 55.25	-6.13 -1.52 53.50	-6.39 -1.28 49.53	-6.51 -1.19 49.12	-6.54 -1.23 49.23	-6.53 -1.18 49.23	-6.40 -1.13 50.51	-6.23 -1.19 52.80	-5.68 -1.35 58.27	-5.18 -2.03 64.81	-5.43 -1.73 61.54	-5.54 -1.11 60.15	51.05 -0.99 0.00	46.22 -0.94 0.00	42.54 -0.69 0.00	38.51 -0.39 0.00

FALCON___SEABRD_CC2 323797	-6.70 -1.54 46.90	-6.81 -1.40 45.41	-6.99 -1.26 42.79	-7.10 -1.18 40.75	-6.91 -1.27 42.86	-6.79 -1.19 44.06	-6.30 -1.23 50.53	-5.77 -1.05 57.03	-6.00 -1.42 55.25	-6.13 -1.52 53.50	-6.39 -1.28 50.68	-6.51 -1.19 49.53	-6.54 -1.23 49.12	-6.53 -1.18 49.23	-6.40 -1.13 50.51	-6.23 -1.19 52.80	-5.68 -1.35 58.27	-5.18 -2.03 64.81	-5.43 -1.73 61.54	-5.54 -1.11 60.15	51.05 -0.99 0.00	46.22 -0.94 0.00	42.54 -0.69 0.00	38.51 -0.39 0.00
FAR ROCKAWAY___4 23548	45.29 3.55 0.00	43.84 2.84 -0.99	42.04 2.41 -2.57	40.26 2.19 -3.23	40.15 2.31 -0.63	41.32 2.85 0.00	49.18 3.73 0.00	56.96 4.65 0.00	55.58 4.91 0.00	53.57 4.69 0.00	49.90 4.33 0.00	48.63 4.42 0.00	48.10 4.29 0.00	48.14 4.26 0.00	49.23 3.98 0.00	52.20 4.44 0.00	58.63 4.69 0.00	67.84 6.17 0.00	62.94 5.09 0.00	59.97 4.24 0.00	56.46 4.42 0.00	51.41 4.24 0.00	46.35 3.11 0.00	41.39 2.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.71 2.96 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.86 3.56 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.39 3.63 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.72 3.88 0.00	59.07 3.34 0.00	55.32 3.28 0.00	50.47 3.30 0.00	45.78 2.55 0.00	40.93 2.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.71 2.96 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.86 3.56 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.39 3.63 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.72 3.88 0.00	59.07 3.34 0.00	55.32 3.28 0.00	50.47 3.30 0.00	45.78 2.55 0.00	40.93 2.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.66 2.92 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.93 2.46 0.00	48.45 3.00 0.00	55.80 3.50 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.03 3.46 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.26 3.38 0.00	48.46 3.21 0.00	51.39 3.63 0.00	57.61 3.67 0.00	66.35 4.69 0.00	61.72 3.88 0.00	59.02 3.29 0.00	55.32 3.28 0.00	50.42 3.25 0.00	45.78 2.55 0.00	40.89 1.98 0.00
FARRAGUT___LBMP 323566	44.66 2.92 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.42 3.75 0.00	52.64 3.76 0.00	48.99 3.42 0.00	47.62 3.40 0.00	47.18 3.37 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.34 3.58 0.00	57.55 3.61 0.00	66.35 4.69 0.00	61.66 3.82 0.00	59.02 3.29 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
FENNER___WINDPWR 24204	43.37 0.37 -1.25	41.58 0.24 -1.34	38.75 0.22 -1.47	36.58 0.25 -1.50	38.73 0.30 -1.22	40.11 0.46 -1.17	47.48 0.68 -1.35	54.87 1.05 -1.52	53.05 0.91 -1.47	51.33 1.03 -1.42	47.74 0.82 -1.35	46.28 0.75 -1.32	45.85 0.74 -1.31	45.94 0.75 -1.31	47.41 0.82 -1.35	49.93 0.76 -1.41	56.68 1.19 -1.55	64.99 1.60 -1.73	60.87 1.39 -1.64	58.45 1.11 -1.60	53.03 0.99 0.00	47.92 0.75 0.00	43.88 0.65 0.00	39.49 0.58 0.00
FIBERTEK___ENERGY 23856	40.82 -0.92 0.00	39.22 -0.88 -0.09	36.45 -0.85 -0.25	34.37 -0.77 -0.31	36.46 -0.82 -0.06	37.70 -0.77 0.00	44.59 -0.86 0.00	51.41 -0.89 0.00	49.81 -0.86 0.00	48.15 -0.73 0.00	44.80 -0.77 0.00	43.42 -0.80 0.00	43.01 -0.79 0.00	43.09 -0.79 0.00	44.52 -0.72 0.00	46.85 -0.91 0.00	53.08 -0.86 0.00	60.99 -0.68 0.00	56.92 -0.93 0.00	54.95 -0.78 0.00	51.31 -0.73 0.00	46.36 -0.80 0.00	42.58 -0.65 0.00	38.32 -0.58 0.00
FITZPATRICK____ 23598	39.99 -1.75 0.00	38.42 -1.64 -0.06	35.65 -1.55 -0.15	33.59 -1.43 -0.19	35.72 -1.53 -0.04	36.89 -1.58 0.00	43.59 -1.87 0.00	50.11 -2.19 0.00	48.54 -2.13 0.00	46.92 -1.96 0.00	43.70 -1.87 0.00	42.36 -1.86 0.00	41.96 -1.84 0.00	42.04 -1.84 0.00	43.43 -1.81 0.00	45.75 -2.00 0.00	51.78 -2.16 0.00	59.39 -2.28 0.00	55.77 -2.08 0.00	53.56 -2.17 0.00	50.01 -2.03 0.00	45.23 -1.94 0.00	41.55 -1.69 0.00	37.42 -1.48 0.00
FLOWRFLD_69_KV_BK1 356044	45.62 3.88 0.00	44.07 3.08 -0.98	42.22 2.59 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.70 3.23 0.00	49.63 4.18 0.00	57.69 5.39 -0.01	56.30 5.62 -0.01	54.21 5.33 0.00	50.26 4.69 0.00	49.03 4.82 0.00	48.40 4.60 0.00	48.40 4.52 0.00	49.59 4.34 0.00	52.63 4.87 0.00	59.06 5.12 0.00	68.51 6.85 0.00	63.46 5.61 0.00	60.30 4.57 0.00	56.98 4.94 0.00	51.83 4.67 0.00	46.78 3.55 0.00	41.66 2.76 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.66 2.92 0.00	43.72 2.72 -0.99	42.01 2.37 -2.58	40.37 2.30 -3.24	40.30 2.46 -0.63	41.05 2.58 0.00	48.59 3.14 0.00	55.86 3.56 0.00	54.37 3.70 0.00	52.35 3.47 0.00	48.76 3.19 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.96 3.07 0.00	48.14 2.90 0.00	51.25 3.49 0.00	57.77 3.83 0.00	66.66 5.00 0.00	62.07 4.22 0.00	59.52 3.79 0.00	55.58 3.54 0.00	50.47 3.30 0.00	45.96 2.72 0.00	41.12 2.22 0.00
FORT ORANGE____ 23900	43.45 1.71 0.00	42.85 1.56 -1.29	41.81 1.41 -3.35	40.37 1.32 -4.21	39.45 1.41 -0.82	39.97 1.50 0.00	47.04 1.59 0.00	53.66 1.36 0.00	52.09 1.42 0.00	50.15 1.27 0.00	46.53 0.96 0.00	45.18 0.97 0.00	44.72 0.92 0.00	44.81 0.92 0.00	46.15 0.90 0.00	48.86 1.10 0.00	55.40 1.46 0.00	63.58 1.91 0.00	59.58 1.73 0.00	56.96 1.22 0.00	53.08 1.04 0.00	48.16 0.99 0.00	44.36 1.12 0.00	40.07 1.17 0.00
FORT_DRUM_COGEN 23780	49.55 -0.71 -8.52	47.47 -0.84 -8.30	44.23 -0.74 -7.91	41.78 -0.63 -7.58	44.44 -0.60 -7.82	46.01 -0.46 -8.01	54.50 -0.14 -9.18	63.34 0.68 -10.36	60.86 0.15 -10.04	58.99 0.39 -9.72	54.78 0.00 -9.21	53.21 0.00 -9.00	52.64 -0.09 -8.92	52.78 -0.04 -8.94	54.60 0.18 -9.18	57.45 0.10 -9.59	65.28 0.76 -10.59	74.55 1.11 -11.78	69.95 0.93 -11.18	67.55 0.89 -10.93	52.72 0.68 0.00	47.35 0.19 0.00	43.06 -0.17 0.00	38.47 -0.43 0.00
FOX_HILLS___ESR 323835	45.00 3.26 0.00	43.79 2.80 -0.99	42.00 2.37 -2.57	40.43 2.37 -3.23	40.37 2.53 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.23 2.93 0.00	54.01 3.34 0.00	52.35 3.47 0.00	48.99 3.42 0.00	47.62 3.40 0.00	47.22 3.42 0.00	47.26 3.38 0.00	48.46 3.21 0.00	51.15 3.39 0.00	57.18 3.24 0.00	65.86 4.19 0.00	61.26 3.41 0.00	58.57 2.84 0.00	54.85 2.81 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
FPL FAR_ROCK_GT1 24212	45.38 3.63 0.00	43.84 2.84 -0.99	42.04 2.41 -2.57	40.26 2.20 -3.23	40.26 2.42 -0.63	41.32 2.85 0.00	49.22 3.77 0.00	56.95 4.65 0.00	55.58 4.91 0.00	53.57 4.69 0.00	50.08 4.51 0.00	48.99 4.78 0.00	48.36 4.56 0.00	48.36 4.48 0.00	49.59 4.34 0.00	52.53 4.78 0.00	59.66 5.72 0.00	68.94 7.27 0.00	64.38 6.53 0.00	60.75 5.02 0.00	56.78 4.74 0.00	51.88 4.72 0.00	46.35 3.11 0.00	41.39 2.49 0.00

FPL FAR_ROCK_GT2 23815	45.38 3.63 0.00	43.84 2.84 -0.99	42.04 2.41 -2.57	40.26 2.20 -3.23	40.26 2.42 -0.63	41.32 2.85 0.00	49.22 3.77 0.00	56.95 4.65 0.00	55.58 4.91 0.00	53.57 4.69 0.00	50.08 4.51 0.00	48.99 4.78 0.00	48.36 4.56 0.00	48.36 4.48 0.00	49.59 4.34 0.00	52.53 4.78 0.00	59.66 5.72 0.00	68.94 7.27 0.00	64.38 6.53 0.00	60.75 5.02 0.00	56.78 4.74 0.00	51.88 4.72 0.00	46.35 3.11 0.00	41.39 2.49 0.00
FRANKLIN_FALL_HYD 24054	97.69 -0.88 -56.83	94.19 -0.84 -55.03	88.20 -0.70 -51.85	83.54 -0.66 -49.38	88.41 -0.74 -51.94	91.28 -0.58 -53.39	106.37 -0.32 -61.23	121.67 0.26 -69.11	117.32 -0.30 -66.96	113.31 -0.39 -64.83	106.71 -0.27 -61.41	104.10 -0.13 -60.02	103.11 -0.22 -59.52	103.37 -0.18 -59.66	106.37 -0.09 -61.21	111.64 -0.10 -63.98	124.82 0.27 -70.61	140.15 -0.06 -78.54	132.77 0.35 -74.58	128.96 0.33 -72.89	52.35 0.31 0.00	47.21 0.05 0.00	43.32 0.09 0.00	39.14 0.23 0.00
FREEPORT_EQUS_GT1 23764	45.17 3.42 0.00	43.63 2.64 -0.99	41.85 2.22 -2.57	40.08 2.02 -3.23	40.11 2.27 -0.63	41.16 2.69 0.00	48.95 3.50 0.00	56.64 4.34 0.00	55.28 4.61 0.00	53.28 4.40 0.00	49.76 4.19 0.00	48.68 4.46 0.00	48.10 4.30 0.00	48.10 4.21 0.00	49.32 4.07 0.00	52.25 4.49 0.00	59.28 5.34 0.00	68.51 6.84 0.00	63.98 6.13 0.00	60.35 4.62 0.00	56.41 4.37 0.00	51.60 4.43 0.00	46.13 2.90 0.00	41.16 2.26 0.00
FREEPORT___CT2 23818	45.17 3.42 0.00	43.63 2.64 -0.99	41.85 2.22 -2.57	40.08 2.02 -3.23	40.11 2.27 -0.63	41.16 2.69 0.00	48.95 3.50 0.00	56.64 4.34 0.00	55.28 4.61 0.00	53.28 4.40 0.00	49.76 4.19 0.00	48.68 4.46 0.00	48.10 4.30 0.00	48.10 4.21 0.00	49.32 4.07 0.00	52.25 4.49 0.00	59.28 5.34 0.00	68.51 6.84 0.00	63.98 6.13 0.00	60.35 4.62 0.00	56.41 4.37 0.00	51.60 4.43 0.00	46.13 2.90 0.00	41.16 2.26 0.00
FRESHKLS_33_KV_LOAD 356253	45.08 3.34 0.00	43.87 2.88 -0.99	42.11 2.48 -2.57	40.50 2.44 -3.23	40.45 2.61 -0.63	41.08 2.62 0.00	48.54 3.09 0.00	55.07 2.77 0.00	53.86 3.19 0.00	52.25 3.37 0.00	48.99 3.42 0.00	47.62 3.40 0.00	47.18 3.37 0.00	47.26 3.38 0.00	48.46 3.21 0.00	51.05 3.30 0.00	57.01 3.07 0.01	65.67 4.01 0.01	61.08 3.24 0.01	58.40 2.68 0.01	54.69 2.65 0.01	50.37 3.21 0.00	45.91 2.68 0.00	41.04 2.14 0.00
FULTON COGEN____ 23766	40.32 -1.42 0.00	38.72 -1.36 -0.08	35.96 -1.30 -0.20	33.90 -1.18 -0.25	36.00 -1.27 -0.05	37.20 -1.27 0.00	44.00 -1.45 0.00	50.73 -1.57 0.00	49.10 -1.57 0.00	47.46 -1.42 0.00	44.20 -1.37 0.00	42.84 -1.37 0.00	42.45 -1.36 0.00	42.52 -1.36 0.00	43.93 -1.31 0.00	46.28 -1.48 0.00	52.38 -1.56 0.00	60.19 -1.48 0.00	56.17 -1.68 0.00	54.28 -1.45 0.00	50.64 -1.41 0.00	45.75 -1.41 0.00	41.98 -1.25 0.00	37.81 -1.09 0.00
FULTON___LFGE 323630	44.37 2.63 0.00	44.01 2.56 -1.44	43.03 2.22 -3.75	41.52 1.98 -4.71	40.29 2.16 -0.92	40.97 2.50 0.00	48.73 3.27 0.00	56.01 3.71 0.00	54.12 3.45 0.00	51.76 2.88 0.00	47.98 2.41 0.00	46.29 2.08 0.00	45.69 1.88 0.00	45.99 2.11 0.00	47.42 2.17 0.00	50.48 2.72 0.00	57.44 3.50 0.00	66.23 4.56 0.00	62.13 4.28 0.00	59.47 3.73 0.00	55.42 3.38 0.00	50.37 3.21 0.00	45.91 2.68 0.00	41.04 2.14 0.00
G.F.CEMENT___DRP 24184	43.75 2.00 0.00	43.33 2.00 -1.33	42.26 1.74 -3.46	40.71 1.53 -4.34	39.73 1.67 -0.84	40.39 1.92 0.00	48.00 2.55 0.00	55.13 2.82 0.00	53.56 2.89 0.00	51.57 2.69 0.00	47.80 2.23 0.00	46.29 2.08 0.00	45.77 1.97 0.00	45.90 2.02 0.00	47.33 2.08 0.00	50.19 2.44 0.00	56.80 2.86 0.00	65.37 3.70 0.00	61.03 3.18 0.00	58.57 2.84 0.00	54.59 2.55 0.00	49.43 2.26 0.00	45.05 1.82 0.00	40.34 1.44 0.00
GARDENVILLE___LBMP 24039	38.07 -3.67 0.00	35.98 -4.16 -0.14	33.33 -4.08 -0.35	31.68 -3.69 -0.54	33.32 -3.98 -0.09	35.16 -3.31 0.00	40.77 -4.68 0.00	45.03 -5.28 1.99	37.28 -5.27 8.12	31.35 -4.69 12.84	39.11 -4.37 2.09	36.75 -4.38 3.09	34.55 -4.25 5.00	37.48 -4.26 2.15	40.86 -4.39 0.00	42.30 -5.11 0.35	40.37 -5.34 8.23	50.10 -5.49 6.08	51.30 -6.07 0.47	50.43 -5.29 0.01	47.46 -4.58 0.00	42.68 -4.48 0.00	40.51 -2.72 0.00	37.15 -1.75 0.00
GARDNVLA_35_KV_LD 355827	38.28 -3.46 0.00	36.10 -4.04 -0.14	33.48 -3.93 -0.35	31.78 -3.59 -0.54	33.43 -3.87 -0.09	35.35 -3.12 0.00	41.00 -4.45 0.00	45.60 -5.07 1.63	39.01 -5.02 6.64	33.94 -4.45 10.49	39.71 -4.15 1.71	37.57 -4.11 2.53	35.68 -4.03 4.09	38.09 -4.04 1.76	41.08 -4.16 0.00	42.65 -4.82 0.28	42.12 -5.07 6.75	51.50 -5.18 4.99	51.73 -5.73 0.39	50.71 -5.02 0.01	47.72 -4.32 0.00	42.92 -4.24 0.00	40.73 -2.51 0.00	37.35 -1.56 0.00
GELCKHM___115KV_LOAD 80723	40.66 -1.09 0.00	39.05 -1.04 -0.09	36.29 -1.00 -0.23	34.22 -0.91 -0.29	36.30 -0.97 -0.06	37.51 -0.96 0.00	44.36 -1.09 0.00	51.10 -1.20 0.00	49.50 -1.17 0.00	47.85 -1.03 0.00	44.57 -1.00 0.00	43.20 -1.02 0.00	42.75 -1.05 0.00	42.83 -1.05 0.00	44.30 -0.95 0.00	46.56 -1.19 0.00	52.75 -1.19 0.00	60.62 -1.05 0.00	56.52 -1.33 0.00	54.62 -1.11 0.00	51.00 -1.04 0.00	46.08 -1.08 0.00	42.33 -0.91 0.00	38.12 -0.78 0.00
GENERAL___MILLS 23808	38.19 -3.55 0.00	36.02 -4.12 -0.14	33.40 -4.00 -0.35	31.71 -3.66 -0.54	33.40 -3.91 -0.09	35.28 -3.19 0.00	40.95 -4.50 0.00	45.50 -5.07 1.73	38.56 -5.07 7.04	33.25 -4.50 11.13	39.57 -4.19 1.81	37.33 -4.20 2.68	35.35 -4.12 4.34	37.90 -4.13 1.86	40.99 -4.25 0.00	42.54 -4.92 0.30	41.61 -5.18 7.15	51.08 -5.30 5.29	51.60 -5.84 0.41	50.60 -5.13 0.01	47.62 -4.42 0.00	42.83 -4.34 0.00	40.64 -2.59 0.00	37.27 -1.63 0.00
GE_PLASTICS___DRP 24183	43.33 1.59 0.00	42.77 1.48 -1.29	41.78 1.37 -3.35	40.33 1.29 -4.21	39.41 1.38 -0.82	39.85 1.38 0.00	46.95 1.50 0.00	53.77 1.46 0.00	52.14 1.47 0.00	50.30 1.42 0.00	46.75 1.18 0.00	45.36 1.15 0.00	44.90 1.10 0.00	44.98 1.10 0.00	46.33 1.09 0.00	49.00 1.24 0.00	55.34 1.40 0.00	63.58 1.91 0.00	59.35 1.50 0.00	57.01 1.28 0.00	53.24 1.20 0.00	48.30 1.13 0.00	44.23 0.99 0.00	39.84 0.93 0.00
GILBOA___1 23756	43.08 1.34 0.00	42.34 1.32 -1.01	41.03 1.33 -2.64	39.40 1.25 -3.32	39.20 1.34 -0.65	39.62 1.15 0.00	46.86 1.41 0.00	53.87 1.57 0.00	52.29 1.62 0.00	50.44 1.56 0.00	46.94 1.37 0.00	45.59 1.37 0.00	45.12 1.31 0.00	45.20 1.32 0.00	46.56 1.31 0.00	49.19 1.43 0.00	55.72 1.78 0.00	64.01 2.34 0.00	59.87 2.02 0.00	57.29 1.56 0.00	53.45 1.41 0.00	48.48 1.32 0.00	44.36 1.12 0.00	39.83 0.93 0.00
GILBOA___2 23757	43.08 1.34 0.00	42.34 1.32 -1.01	41.03 1.33 -2.64	39.40 1.25 -3.32	39.20 1.34 -0.65	39.62 1.15 0.00	46.86 1.41 0.00	53.87 1.57 0.00	52.29 1.62 0.00	50.44 1.56 0.00	46.94 1.37 0.00	45.59 1.37 0.00	45.12 1.31 0.00	45.20 1.32 0.00	46.56 1.31 0.00	49.19 1.43 0.00	55.72 1.78 0.00	64.01 2.34 0.00	59.87 2.02 0.00	57.29 1.56 0.00	53.45 1.41 0.00	48.48 1.32 0.00	44.36 1.12 0.00	39.83 0.93 0.00

GILBOA___3 23758	43.08 1.34 0.00	42.34 1.32 -1.01	41.03 1.33 -2.64	39.40 1.25 -3.32	39.20 1.34 -0.65	39.62 1.15 0.00	46.86 1.41 0.00	53.87 1.57 0.00	52.29 1.62 0.00	50.44 1.56 0.00	46.94 1.37 0.00	45.59 1.37 0.00	45.12 1.31 0.00	45.20 1.32 0.00	46.56 1.31 0.00	49.19 1.43 0.00	55.72 1.78 0.00	64.01 2.34 0.00	59.87 2.02 0.00	57.29 1.56 0.00	53.45 1.41 0.00	48.48 1.32 0.00	44.36 1.12 0.00	39.83 0.93 0.00
GILBOA___4 23759	43.08 1.34 0.00	42.34 1.32 -1.01	41.03 1.33 -2.64	39.40 1.25 -3.32	39.20 1.34 -0.65	39.62 1.15 0.00	46.86 1.41 0.00	53.87 1.57 0.00	52.29 1.62 0.00	50.44 1.56 0.00	46.94 1.37 0.00	45.59 1.37 0.00	45.12 1.31 0.00	45.20 1.32 0.00	46.56 1.31 0.00	49.19 1.43 0.00	55.72 1.78 0.00	64.01 2.34 0.00	59.87 2.02 0.00	57.29 1.56 0.00	53.45 1.41 0.00	48.48 1.32 0.00	44.36 1.12 0.00	39.83 0.93 0.00
GILBOA___ 23599	43.04 1.29 0.00	42.34 1.32 -1.01	41.03 1.33 -2.64	39.40 1.25 -3.32	39.20 1.34 -0.65	39.62 1.15 0.00	46.82 1.36 0.00	53.87 1.57 0.00	52.29 1.62 0.00	50.44 1.56 0.00	46.94 1.37 0.00	45.58 1.37 0.00	45.12 1.31 0.00	45.20 1.32 0.00	46.51 1.27 0.00	49.19 1.43 0.00	55.56 1.62 0.00	63.83 2.16 0.00	59.58 1.74 0.00	57.24 1.50 0.00	53.45 1.41 0.00	48.49 1.32 0.00	44.36 1.12 0.00	39.84 0.93 0.00
GINNA___ 23603	37.69 -4.05 0.00	36.64 -3.48 -0.12	34.00 -3.37 -0.31	32.12 -3.10 -0.39	33.94 -3.35 -0.08	34.93 -3.54 0.00	41.00 -4.45 0.00	46.91 -5.39 0.00	45.40 -5.27 0.00	44.09 -4.79 0.00	41.06 -4.51 0.00	39.70 -4.51 0.00	39.38 -4.42 0.00	39.45 -4.43 0.00	41.08 -4.16 0.00	42.84 -4.92 0.00	48.48 -5.45 0.01	55.99 -5.67 0.01	53.05 -4.80 0.00	50.66 -5.07 0.00	47.51 -4.53 0.00	42.83 -4.34 0.00	39.69 -3.54 0.00	35.83 -3.07 0.00
GLEN PARK___ 23778	49.28 -0.54 -8.08	47.17 -0.72 -7.88	43.94 -0.63 -7.52	41.51 -0.52 -7.20	44.15 -0.48 -7.42	45.71 -0.35 -7.59	54.21 0.05 -8.71	63.02 0.89 -9.83	60.50 0.31 -9.52	58.64 0.54 -9.22	54.44 0.14 -8.73	52.84 0.09 -8.54	52.27 0.00 -8.46	52.41 0.04 -8.48	54.22 0.27 -8.70	57.10 0.24 -9.10	65.00 1.02 -10.04	74.32 1.48 -11.17	69.90 1.45 -10.61	67.27 1.17 -10.37	52.98 0.94 0.00	47.54 0.38 0.00	43.23 0.00 0.00	38.63 -0.27 0.00
GLENDALE_27_KV_LOAD 356172	44.91 3.17 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.43 2.37 -3.23	40.34 2.49 -0.63	41.08 2.62 0.00	48.54 3.09 0.00	55.80 3.50 0.00	54.52 3.85 0.00	52.79 3.91 0.00	49.17 3.60 0.00	47.79 3.58 0.00	47.35 3.55 0.00	47.44 3.55 0.00	48.64 3.39 0.00	51.48 3.73 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.72 3.88 0.00	59.02 3.29 0.00	55.32 3.28 0.00	50.56 3.40 0.00	45.87 2.64 0.00	41.00 2.10 0.00
GLENWOOD_IC_1_G5 23712	44.83 3.09 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.19 2.12 -3.23	40.07 2.23 -0.63	41.05 2.58 0.00	48.68 3.23 0.00	56.23 3.92 0.00	54.83 4.15 0.00	52.94 4.06 0.00	49.35 3.78 0.00	48.02 3.80 0.00	47.53 3.72 0.00	47.57 3.69 0.00	48.73 3.48 0.00	51.68 3.92 0.00	57.66 3.72 0.00	66.54 4.87 0.00	61.84 3.99 0.00	59.02 3.29 0.00	55.42 3.38 0.00	50.80 3.63 0.00	45.96 2.72 0.00	41.04 2.14 0.00
GLENWOOD_IC_2_G1 23688	44.75 3.01 0.00	43.47 2.48 -0.99	41.77 2.15 -2.57	40.11 2.05 -3.23	40.07 2.23 -0.63	40.89 2.42 0.00	48.55 3.09 0.00	55.96 3.66 0.00	54.52 3.85 0.00	52.64 3.76 0.00	49.13 3.56 0.00	47.88 3.67 0.00	47.35 3.55 0.00	47.40 3.51 0.00	48.64 3.40 0.00	51.49 3.73 0.00	58.26 4.32 0.00	67.15 5.49 0.00	62.65 4.80 0.00	59.47 3.73 0.00	55.53 3.49 0.00	50.70 3.54 0.00	45.78 2.55 0.00	40.92 2.02 0.00
GLENWOOD_IC_3_G1 23689	44.75 3.01 0.00	43.47 2.48 -0.99	41.77 2.15 -2.57	40.11 2.05 -3.23	40.07 2.23 -0.63	40.89 2.42 0.00	48.55 3.09 0.00	55.96 3.66 0.00	54.52 3.85 0.00	52.64 3.76 0.00	49.13 3.56 0.00	47.88 3.67 0.00	47.35 3.55 0.00	47.40 3.51 0.00	48.64 3.40 0.00	51.49 3.73 0.00	58.26 4.32 0.00	67.15 5.49 0.00	62.65 4.80 0.00	59.47 3.73 0.00	55.53 3.49 0.00	50.70 3.54 0.00	45.78 2.55 0.00	40.92 2.02 0.00
GLENWOOD___4 23550	44.83 3.09 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.19 2.12 -3.23	40.07 2.23 -0.63	41.05 2.58 0.00	48.68 3.23 0.00	56.23 3.92 0.00	54.83 4.15 0.00	52.94 4.06 0.00	49.35 3.78 0.00	48.02 3.80 0.00	47.53 3.72 0.00	47.57 3.69 0.00	48.73 3.48 0.00	51.68 3.92 0.00	57.77 3.83 0.00	66.72 5.06 0.00	61.95 4.11 0.00	59.19 3.46 0.00	55.53 3.49 0.00	50.80 3.63 0.00	45.96 2.72 0.00	41.04 2.14 0.00
GLENWOOD___5 23614	44.83 3.09 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.19 2.12 -3.23	40.07 2.23 -0.63	41.05 2.58 0.00	48.68 3.23 0.00	56.23 3.92 0.00	54.83 4.15 0.00	52.94 4.06 0.00	49.35 3.78 0.00	48.02 3.80 0.00	47.53 3.72 0.00	47.57 3.69 0.00	48.73 3.48 0.00	51.68 3.92 0.00	57.77 3.83 0.00	66.72 5.06 0.00	61.95 4.11 0.00	59.19 3.46 0.00	55.53 3.49 0.00	50.80 3.63 0.00	45.96 2.72 0.00	41.04 2.14 0.00
GLOBAL GREEN_PORT_GT1 23814	46.08 4.34 0.00	44.35 3.36 -0.98	42.48 2.85 -2.57	40.64 2.58 -3.23	40.82 2.98 -0.63	42.05 3.58 0.00	50.14 4.68 0.00	58.32 6.01 -0.01	56.96 6.28 -0.01	54.79 5.91 0.00	50.99 5.42 0.00	49.96 5.75 0.00	49.23 5.43 0.00	49.15 5.26 0.00	50.36 5.11 0.00	53.49 5.73 0.00	61.12 7.17 0.00	70.98 9.31 0.00	66.23 8.38 0.00	62.19 6.46 0.00	57.97 5.93 0.00	52.82 5.66 0.00	46.91 3.67 0.00	42.05 3.15 0.00
GLOBE___DSASP 323697	37.03 -4.72 0.00	35.73 -4.40 -0.12	33.06 -4.30 -0.31	31.50 -3.83 -0.50	33.05 -4.24 -0.08	34.20 -4.27 0.00	39.54 -5.91 0.00	44.12 -6.85 1.33	38.61 -6.79 5.27	34.35 -6.21 8.32	38.37 -5.83 1.37	36.45 -5.75 2.02	34.94 -5.61 3.25	36.82 -5.66 1.41	39.54 -5.70 0.00	40.36 -7.16 0.23	41.02 -7.39 5.53	49.63 -7.96 4.09	48.80 -8.73 0.31	48.42 -7.30 0.01	45.59 -6.45 0.00	40.99 -6.18 0.00	39.04 -4.19 0.00	35.79 -3.11 0.00
GOETHSLN___LBMP 323567	44.41 2.67 0.00	43.31 2.32 -0.99	41.66 2.04 -2.57	40.08 2.02 -3.23	39.96 2.12 -0.63	40.70 2.23 0.00	48.18 2.73 0.00	55.54 3.24 0.00	54.16 3.50 0.00	52.40 3.52 0.00	48.76 3.19 0.00	47.40 3.18 0.00	46.96 3.15 0.00	47.04 3.16 0.00	48.23 2.99 0.00	51.10 3.34 0.00	57.28 3.34 0.00	65.98 4.32 0.00	61.38 3.53 0.00	58.68 2.95 0.00	55.01 2.97 0.00	50.14 2.97 0.00	45.52 2.29 0.00	40.65 1.75 0.00
GOLAH___69_KV_TB 1_2 80279	39.11 -2.63 0.00	37.97 -2.16 -0.12	35.23 -2.15 -0.32	33.29 -1.95 -0.41	35.17 -2.12 -0.08	36.24 -2.23 0.00	42.27 -3.18 0.00	48.15 -3.92 0.23	45.88 -3.85 0.93	43.88 -3.52 1.48	42.00 -3.33 0.24	40.54 -3.32 0.36	39.90 -3.33 0.58	40.21 -3.42 0.25	42.30 -2.94 0.00	43.71 -4.01 0.04	48.75 -4.21 0.98	56.81 -4.13 0.72	53.34 -4.45 0.05	52.22 -3.51 0.00	48.92 -3.12 0.00	44.10 -3.07 0.00	41.16 -2.08 0.00	37.35 -1.56 0.00

GOODYEAR_LAKE_HYD 323669	43.16 1.42 0.00	41.57 1.24 -0.32	39.08 1.19 -0.84	37.04 1.15 -1.06	38.69 1.27 -0.21	39.85 1.38 0.00	47.23 1.77 0.00	54.71 2.41 0.00	52.95 2.28 0.00	51.13 2.25 0.00	47.48 1.91 0.00	46.03 1.81 0.00	45.56 1.75 0.00	45.68 1.80 0.00	47.01 1.76 0.00	49.72 1.96 0.00	56.38 2.43 -0.01	64.76 3.08 -0.01	60.45 2.60 0.00	58.07 2.34 0.00	54.23 2.19 0.00	49.10 1.93 0.00	44.88 1.64 0.00	40.22 1.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.49 -0.25 0.00	39.82 -0.52 -0.34	37.41 -0.52 -0.88	35.50 -0.45 -1.12	36.95 -0.48 -0.22	38.31 -0.15 0.00	45.27 -0.18 0.00	52.60 0.05 -0.24	51.61 -0.05 -1.00	50.55 0.10 -1.58	45.83 0.00 -0.26	44.50 -0.09 -0.38	44.33 -0.09 -0.61	44.10 -0.04 -0.26	45.11 -0.14 0.00	47.66 -0.14 -0.04	55.05 0.05 -1.06	62.94 0.49 -0.78	57.90 0.00 -0.06	55.73 0.00 0.00	52.09 0.05 0.00	47.02 -0.14 0.00	43.32 0.09 0.00	39.10 0.19 0.00
GOUDEY___7 23579	41.49 -0.25 0.00	39.82 -0.52 -0.34	37.41 -0.52 -0.88	35.50 -0.45 -1.12	36.95 -0.48 -0.22	38.31 -0.15 0.00	45.27 -0.18 0.00	52.60 0.05 -0.24	51.61 -0.05 -1.00	50.55 0.10 -1.58	45.83 0.00 -0.26	44.50 -0.09 -0.38	44.33 -0.09 -0.61	44.10 -0.04 -0.26	45.11 -0.14 0.00	47.66 -0.14 -0.04	55.05 0.05 -1.06	62.94 0.49 -0.78	57.90 0.00 -0.06	55.73 0.00 0.00	52.09 0.05 0.00	47.02 -0.14 0.00	43.32 0.09 0.00	39.10 0.19 0.00
GOUDEY___8 23580	41.49 -0.25 0.00	39.82 -0.52 -0.34	37.41 -0.52 -0.88	35.50 -0.45 -1.12	36.95 -0.48 -0.22	38.31 -0.15 0.00	45.27 -0.18 0.00	52.60 0.05 -0.24	51.61 -0.05 -1.00	50.55 0.10 -1.58	45.83 0.00 -0.26	44.50 -0.09 -0.38	44.33 -0.09 -0.61	44.10 -0.04 -0.26	45.11 -0.14 0.00	47.66 -0.14 -0.04	55.05 0.05 -1.06	62.94 0.49 -0.78	57.90 0.00 -0.06	55.73 0.00 0.00	52.09 0.05 0.00	47.02 -0.14 0.00	43.32 0.09 0.00	39.10 0.19 0.00
GOWANUS_GT1_1 24077	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT1_2 24078	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT1_3 24079	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT1_4 24080	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT1_5 24084	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT1_6 24111	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT1_7 24112	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT1_8 24113	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT2_1 24114	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00
GOWANUS_GT2_2 24115	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00
GOWANUS_GT2_3 24116	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00

GOWANUS_GT2_4 24117	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00
GOWANUS_GT2_5 24118	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00
GOWANUS_GT2_6 24119	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00
GOWANUS_GT2_7 24120	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00
GOWANUS_GT2_8 24121	45.04 3.30 0.00	43.71 2.72 -0.99	41.96 2.34 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.44 3.14 0.00	54.21 3.55 0.00	52.50 3.62 0.00	48.99 3.42 0.00	47.75 3.54 0.00	47.26 3.46 0.00	47.31 3.43 0.00	48.59 3.35 0.00	51.24 3.48 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.33 3.16 0.00	45.83 2.59 0.00	40.92 2.02 0.00
GOWANUS_GT3_1 24122	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT3_2 24123	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT3_3 24124	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT3_4 24125	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT3_5 24126	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT3_6 24127	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT3_7 24128	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT3_8 24129	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GOWANUS_GT4_1 24130	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00
GOWANUS_GT4_2 24131	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00

GOWANUS_GT4_3 24132	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00
GOWANUS_GT4_4 24133	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00
GOWANUS_GT4_5 24134	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00
GOWANUS_GT4_6 24135	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00
GOWANUS_GT4_7 24136	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00
GOWANUS_GT4_8 24137	44.91 3.17 0.00	43.71 2.72 -0.99	41.96 2.33 -2.57	40.39 2.33 -3.23	40.30 2.46 -0.63	40.97 2.50 0.00	48.45 3.00 0.00	55.44 3.14 0.00	54.16 3.50 0.00	52.50 3.62 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.25 3.49 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.42 3.25 0.00	45.83 2.59 0.00	40.93 2.02 0.00
GREENBSH_115KV_TB3 55895	43.50 1.75 0.00	42.98 1.68 -1.29	41.94 1.52 -3.37	40.49 1.43 -4.23	39.53 1.49 -0.82	40.05 1.58 0.00	47.09 1.64 0.00	53.71 1.41 0.00	52.14 1.47 0.00	50.30 1.42 0.00	46.66 1.09 0.00	45.27 1.06 0.00	44.85 1.05 0.00	44.94 1.05 0.00	46.24 1.00 0.00	48.95 1.19 0.00	55.24 1.29 0.00	63.46 1.79 0.00	59.29 1.45 0.00	56.90 1.17 0.00	53.08 1.04 0.00	48.16 0.99 0.00	44.14 0.91 0.00	39.87 0.97 0.00
GREENDGE_115KV_TB5 80291	40.41 -1.34 0.00	38.73 -1.48 -0.20	36.10 -1.48 -0.52	34.15 -1.36 -0.68	35.93 -1.41 -0.13	37.47 -1.00 0.00	44.36 -1.09 0.00	53.44 -1.36 -2.50	59.39 -1.52 -10.25	63.75 -1.32 -16.19	46.83 -1.37 -2.63	46.87 -1.24 -3.90	48.58 -1.53 -6.31	45.49 -1.10 -2.71	44.21 -1.04 0.00	46.90 -1.29 -0.43	63.23 -1.40 -10.69	68.70 -0.86 -7.89	56.99 -1.45 -0.59	54.67 -1.06 0.00	51.10 -0.94 0.00	46.36 -0.80 0.00	42.89 -0.35 0.00	38.82 -0.08 0.00
GREENIDGE___3 23582	40.41 -1.34 0.00	38.73 -1.48 -0.20	36.10 -1.48 -0.52	34.15 -1.36 -0.68	35.93 -1.41 -0.13	37.47 -1.00 0.00	44.36 -1.09 0.00	53.44 -1.36 -2.50	59.39 -1.52 -10.25	63.75 -1.32 -16.19	46.83 -1.37 -2.63	46.87 -1.24 -3.90	48.58 -1.53 -6.31	45.49 -1.10 -2.71	44.21 -1.04 0.00	46.90 -1.29 -0.43	63.23 -1.40 -10.69	68.70 -0.86 -7.89	56.99 -1.45 -0.59	54.67 -1.06 0.00	51.10 -0.94 0.00	46.36 -0.80 0.00	42.89 -0.35 0.00	38.82 -0.08 0.00
GREENIDGE___4 23583	40.45 -1.29 0.00	38.73 -1.48 -0.20	36.09 -1.48 -0.52	34.15 -1.36 -0.68	35.93 -1.41 -0.13	37.51 -0.96 0.00	44.41 -1.04 0.00	53.44 -1.36 -2.50	59.40 -1.52 -10.25	63.80 -1.27 -16.19	46.83 -1.37 -2.63	46.52 -1.59 -3.90	48.58 -1.53 -6.31	45.50 -1.10 -2.71	44.12 -1.13 0.00	46.52 -1.67 -0.43	63.28 -1.35 -10.69	68.76 -0.80 -7.89	57.51 -0.93 -0.59	54.62 -1.11 0.00	51.16 -0.88 0.00	45.94 -1.23 0.00	42.89 -0.35 0.00	38.82 -0.08 0.00
GREENLWN_69_KV_BK 3 55738	44.75 3.01 0.00	43.31 2.32 -0.98	41.55 1.93 -2.57	39.80 1.74 -3.23	39.67 1.82 -0.63	40.89 2.42 0.00	48.63 3.18 0.00	56.39 4.08 -0.01	55.03 4.36 -0.01	53.03 4.15 0.00	49.31 3.74 0.00	48.10 3.89 0.00	47.53 3.72 0.00	47.57 3.69 0.00	48.68 3.44 0.00	51.63 3.87 0.00	57.66 3.72 0.00	66.48 4.81 0.00	61.66 3.82 0.00	58.68 2.95 0.00	55.68 3.64 0.00	50.80 3.63 0.00	45.83 2.59 0.00	40.85 1.95 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00
GRISSOM___SOLAR 323813	44.29 2.55 0.00	43.87 2.44 -1.43	42.92 2.15 -3.71	41.45 1.95 -4.67	40.20 2.08 -0.91	40.85 2.39 0.00	48.55 3.09 0.00	55.81 3.50 0.00	54.01 3.34 0.00	51.66 2.78 0.00	47.94 2.37 0.00	46.29 2.08 0.00	45.69 1.88 0.00	45.95 2.06 0.00	47.42 2.17 0.00	50.38 2.62 0.00	57.34 3.40 0.00	66.05 4.38 0.00	61.95 4.11 0.00	59.30 3.57 0.00	55.27 3.23 0.00	50.23 3.06 0.00	45.78 2.55 0.00	40.96 2.06 0.00
GROVEVILLE___HYD 323602	44.66 2.92 0.00	43.72 2.72 -0.99	42.01 2.37 -2.58	40.37 2.30 -3.24	40.30 2.46 -0.63	41.05 2.58 0.00	48.59 3.14 0.00	55.86 3.56 0.00	54.37 3.70 0.00	52.35 3.47 0.00	48.76 3.19 0.00	47.31 3.09 0.00	46.87 3.07 0.00	46.96 3.07 0.00	48.14 2.90 0.00	51.25 3.49 0.00	57.77 3.83 0.00	66.66 5.00 0.00	62.07 4.22 0.00	59.52 3.79 0.00	55.58 3.54 0.00	50.47 3.30 0.00	45.96 2.72 0.00	41.12 2.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.82 -0.92 0.00	39.22 -0.88 -0.09	36.45 -0.85 -0.25	34.37 -0.77 -0.31	36.46 -0.82 -0.06	37.70 -0.77 0.00	44.59 -0.86 0.00	51.41 -0.89 0.00	49.81 -0.86 0.00	48.15 -0.73 0.00	44.80 -0.77 0.00	43.42 -0.80 0.00	43.01 -0.79 0.00	43.09 -0.79 0.00	44.52 -0.72 0.00	46.85 -0.91 0.00	53.08 -0.86 0.00	60.99 -0.68 0.00	56.92 -0.93 0.00	54.95 -0.78 0.00	51.31 -0.73 0.00	46.36 -0.80 0.00	42.58 -0.65 0.00	38.32 -0.58 0.00

HAMLTNNY_34_KV_TB 80303	40.70 -1.04 0.00	39.10 -1.00 -0.10	36.35 -0.96 -0.25	34.28 -0.87 -0.32	36.38 -0.89 -0.06	37.62 -0.85 0.00	44.50 -0.95 0.00	51.25 -1.05 0.00	49.66 -1.01 0.00	48.00 -0.88 0.00	44.66 -0.91 0.00	43.28 -0.93 0.00	42.84 -0.96 0.00	42.96 -0.92 0.00	44.43 -0.81 0.00	46.71 -1.05 0.00	52.92 -1.02 0.00	60.93 -0.74 0.00	56.75 -1.10 0.00	54.89 -0.84 0.00	51.26 -0.78 0.00	46.32 -0.85 0.00	42.50 -0.73 0.00	38.28 -0.62 0.00
HAMPSHIRE___PAPER_HYD 323593	62.00 -1.00 -21.26	59.50 -1.12 -20.62	55.62 -0.92 -19.49	52.58 -0.84 -18.59	55.81 -0.85 -19.45	57.79 -0.65 -19.97	68.09 -0.27 -22.90	78.67 0.52 -25.85	75.61 -0.10 -25.05	73.18 0.05 -24.25	68.32 -0.23 -22.97	66.49 -0.18 -22.45	65.76 -0.30 -22.26	65.94 -0.26 -22.32	68.05 -0.09 -22.90	71.55 -0.14 -23.93	80.89 0.54 -26.41	91.73 0.68 -29.38	86.44 0.70 -27.90	83.67 0.67 -27.27	52.51 0.47 0.00	47.16 0.00 0.00	42.93 -0.30 0.00	38.44 -0.47 0.00
HARDSCRABBLE_WT_PWR 323673	41.87 0.13 0.00	40.25 0.24 0.00	37.35 0.30 0.00	35.08 0.25 0.00	37.44 0.22 0.00	38.70 0.23 0.00	45.73 0.27 0.00	52.67 0.37 0.00	50.97 0.31 0.00	49.22 0.34 0.00	45.80 0.23 0.00	44.39 0.18 0.00	43.98 0.18 0.00	44.02 0.13 0.00	45.38 0.14 0.00	47.95 0.19 0.00	54.21 0.27 0.00	62.04 0.37 0.00	58.14 0.29 0.00	55.90 0.17 0.00	52.25 0.21 0.00	47.50 0.33 0.00	43.58 0.34 0.00	39.25 0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.16 2.42 0.00	43.09 2.16 -0.92	41.35 1.89 -2.40	39.70 1.85 -3.02	39.77 1.97 -0.59	40.58 2.12 0.00	48.00 2.55 0.00	55.18 2.88 0.00	53.71 3.04 0.00	51.81 2.93 0.00	48.26 2.69 0.00	46.87 2.65 0.00	46.43 2.63 0.00	46.52 2.63 0.00	47.69 2.44 0.00	50.67 2.91 0.00	57.07 3.13 0.00	65.80 4.13 0.00	61.26 3.41 0.00	58.68 2.95 0.00	54.85 2.81 0.00	49.85 2.69 0.00	45.39 2.16 0.00	40.65 1.75 0.00
HARSNRAD_115KV_TB1 81005	37.78 -3.97 0.00	36.25 -3.88 -0.13	33.56 -3.82 -0.32	31.87 -3.45 -0.49	33.54 -3.76 -0.08	34.89 -3.58 0.00	40.41 -5.05 0.00	45.05 -5.96 1.29	39.50 -5.93 5.24	35.27 -5.33 8.28	39.25 -4.97 1.35	37.26 -4.95 2.00	35.75 -4.82 3.23	37.62 -4.87 1.39	40.54 -4.71 0.00	41.61 -5.92 0.23	42.28 -6.20 5.45	51.16 -6.48 4.03	50.48 -7.06 0.31	49.76 -5.96 0.01	46.89 -5.15 0.00	42.12 -5.05 0.00	39.99 -3.24 0.00	36.61 -2.30 0.00
HARZA MOOSE___RIVER 24016	47.79 0.13 -5.92	45.74 -0.04 -5.77	42.59 0.04 -5.50	40.16 0.07 -5.26	42.76 0.11 -5.44	44.26 0.23 -5.56	52.38 0.55 -6.38	60.60 1.10 -7.20	58.46 0.81 -6.98	56.56 0.93 -6.76	52.61 0.64 -6.40	51.09 0.62 -6.25	50.58 0.57 -6.20	50.67 0.57 -6.22	52.35 0.72 -6.38	55.09 0.67 -6.67	62.49 1.19 -7.36	71.39 1.54 -8.18	66.95 1.33 -7.77	64.55 1.23 -7.60	53.08 1.04 0.00	47.87 0.71 0.00	43.71 0.48 0.00	39.17 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.74 -1.00 0.00	39.14 -0.96 -0.10	36.38 -0.93 -0.25	34.31 -0.84 -0.32	36.38 -0.89 -0.06	37.62 -0.85 0.00	44.45 -1.00 0.00	51.25 -1.05 0.00	49.66 -1.01 0.00	48.00 -0.88 0.00	44.70 -0.87 0.00	43.28 -0.93 0.00	42.88 -0.92 0.00	42.96 -0.92 0.00	44.39 -0.86 0.00	46.66 -1.10 0.00	52.86 -1.08 0.00	60.74 -0.93 0.00	56.63 -1.21 0.00	54.67 -1.06 0.00	51.05 -0.99 0.00	46.17 -0.99 0.00	42.45 -0.78 0.00	38.24 -0.66 0.00
HELLGATE_13_KV_LD 55870	44.79 3.05 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.20 3.44 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.32 3.47 0.00	58.63 2.90 0.00	55.01 2.97 0.00	50.28 3.11 0.00	45.65 2.42 0.00	40.81 1.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.79 3.05 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.32 2.86 0.00	55.54 3.24 0.00	54.22 3.55 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.20 3.44 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.32 3.47 0.00	58.63 2.90 0.00	55.01 2.97 0.00	50.28 3.11 0.00	45.65 2.42 0.00	40.81 1.91 0.00
HEMPSTEAD____ 23647	44.83 3.09 0.00	43.39 2.40 -0.99	41.66 2.04 -2.57	39.94 1.88 -3.23	39.92 2.08 -0.63	40.89 2.42 0.00	48.63 3.18 0.00	56.23 3.92 0.00	54.87 4.20 0.00	52.89 4.01 0.00	49.40 3.83 0.00	48.28 4.06 0.00	47.70 3.90 0.00	47.75 3.86 0.00	48.96 3.71 0.00	51.82 4.06 0.00	58.69 4.75 0.00	67.77 6.11 0.00	63.23 5.38 0.00	59.75 4.01 0.00	55.84 3.80 0.00	51.13 3.96 0.00	45.83 2.59 0.00	40.89 1.98 0.00
HEWLETT_69_KV_BK3 55828	45.09 3.34 0.00	43.68 2.68 -0.99	41.89 2.26 -2.57	40.12 2.06 -3.23	40.04 2.20 -0.63	41.16 2.69 0.00	48.95 3.50 0.00	56.69 4.39 0.00	55.33 4.66 0.00	53.33 4.45 0.00	49.67 4.10 0.00	48.41 4.20 0.00	47.88 4.07 0.00	47.92 4.04 0.00	49.00 3.76 0.00	51.96 4.20 0.00	58.31 4.37 0.00	67.47 5.80 0.00	62.59 4.74 0.00	59.63 3.90 0.00	56.15 4.11 0.00	51.17 4.01 0.00	46.17 2.94 0.00	41.20 2.30 0.00
HICKLING___1 23621	40.57 -1.17 0.00	38.63 -1.64 -0.26	36.14 -1.59 -0.68	34.25 -1.46 -0.89	35.86 -1.53 -0.17	37.58 -0.88 0.00	44.36 -1.09 0.00	52.42 -0.84 -0.96	53.62 -0.96 -3.91	54.28 -0.78 -6.18	45.75 -0.82 -1.00	44.77 -0.93 -1.49	45.25 -0.96 -2.41	44.08 -0.83 -1.03	44.21 -1.04 0.00	46.87 -1.05 -0.17	57.19 -0.86 -4.11	64.46 -0.25 -3.03	57.15 -0.93 -0.22	54.95 -0.78 0.00	51.42 -0.62 0.00	46.36 -0.80 0.00	42.97 -0.26 0.00	39.06 0.16 0.00
HICKLING___2 23622	40.57 -1.17 0.00	38.63 -1.64 -0.26	36.14 -1.59 -0.68	34.25 -1.46 -0.89	35.86 -1.53 -0.17	37.58 -0.88 0.00	44.36 -1.09 0.00	52.42 -0.84 -0.96	53.62 -0.96 -3.91	54.28 -0.78 -6.18	45.75 -0.82 -1.00	44.77 -0.93 -1.49	45.25 -0.96 -2.41	44.08 -0.83 -1.03	44.21 -1.04 0.00	46.87 -1.05 -0.17	57.19 -0.86 -4.11	64.46 -0.25 -3.03	57.15 -0.93 -0.22	54.95 -0.78 0.00	51.42 -0.62 0.00	46.36 -0.80 0.00	42.97 -0.26 0.00	39.06 0.16 0.00
HIGH FALLS___HY 23754	44.96 3.21 0.00	44.07 3.08 -0.99	42.34 2.71 -2.58	40.69 2.61 -3.24	40.64 2.79 -0.63	41.32 2.85 0.00	49.00 3.55 0.00	56.28 3.97 0.00	54.77 4.10 0.00	52.64 3.76 0.00	49.08 3.51 0.00	47.62 3.40 0.00	47.18 3.37 0.00	47.26 3.38 0.00	48.46 3.21 0.00	51.72 3.96 0.00	58.36 4.42 0.00	67.47 5.80 0.00	62.88 5.03 0.00	60.19 4.46 0.00	56.26 4.22 0.00	51.03 3.87 0.00	46.35 3.11 0.00	41.47 2.57 0.00
HIGH_RIVER___SOLAR 323847	43.49 1.75 0.00	43.06 1.68 -1.38	42.17 1.52 -3.59	40.74 1.39 -4.52	39.58 1.49 -0.88	40.08 1.62 0.00	47.54 2.09 0.00	54.60 2.30 0.00	52.85 2.18 0.00	50.59 1.71 0.00	46.98 1.41 0.00	45.50 1.28 0.00	44.94 1.14 0.00	45.11 1.23 0.00	46.51 1.27 0.00	49.57 1.81 0.00	56.37 2.43 0.00	64.81 3.14 0.00	60.68 2.83 0.00	58.07 2.34 0.00	54.18 2.13 0.00	49.15 1.98 0.00	44.92 1.68 0.00	40.26 1.36 0.00

HILLBURN___GT 23639	44.20 2.46 0.00	43.06 2.12 -0.94	41.36 1.85 -2.45	39.72 1.81 -3.08	39.75 1.93 -0.60	40.51 2.04 0.00	48.00 2.54 0.00	55.23 2.93 0.00	53.76 3.09 0.00	51.86 2.98 0.00	48.35 2.78 0.00	47.05 2.83 0.00	46.52 2.72 0.00	46.56 2.68 0.00	47.82 2.58 0.00	50.67 2.91 0.00	57.34 3.40 0.00	66.11 4.44 0.00	61.66 3.82 0.00	58.74 3.01 0.00	54.80 2.76 0.00	49.85 2.69 0.00	45.35 2.12 0.00	40.57 1.67 0.00
HILLSIDE_115KV_TB1 80332	40.49 -1.25 0.00	38.56 -1.72 -0.27	36.10 -1.67 -0.71	34.22 -1.53 -0.92	35.79 -1.60 -0.17	37.47 -1.00 0.00	44.18 -1.27 0.00	52.06 -1.10 -0.86	52.97 -1.22 -3.52	53.42 -1.03 -5.56	45.42 -1.05 -0.90	44.45 -1.11 -1.34	44.88 -1.10 -2.17	43.76 -1.05 -0.93	43.98 -1.27 0.00	46.67 -1.24 -0.15	56.45 -1.19 -3.70	63.66 -0.74 -2.73	56.78 -1.27 -0.20	54.45 -1.28 0.00	51.00 -1.04 0.00	45.99 -1.18 0.00	42.58 -0.65 0.00	38.63 -0.27 0.00
HISHELDN_WT_PWR 323625	37.86 -3.88 0.00	35.96 -4.20 -0.16	33.35 -4.11 -0.40	31.66 -3.76 -0.59	33.30 -4.02 -0.10	35.08 -3.39 0.00	40.86 -4.59 0.00	42.67 -5.28 4.35	27.61 -5.27 17.79	16.02 -4.74 28.11	36.49 -4.51 4.57	32.76 -4.69 6.77	28.38 -4.47 10.96	34.80 -4.39 4.70	40.59 -4.66 0.00	41.85 -5.16 0.75	30.29 -5.28 18.36	42.74 -5.37 13.56	51.85 -4.98 1.02	50.65 -5.07 0.01	47.83 -4.21 0.00	42.97 -4.20 0.00	40.68 -2.55 0.00	37.27 -1.63 0.00
HOLTSVILLE_IC_1 23690	45.54 3.80 0.00	43.91 2.92 -0.98	42.07 2.45 -2.57	40.29 2.23 -3.23	40.37 2.53 -0.63	41.55 3.08 0.00	49.45 4.00 0.00	57.44 5.13 -0.01	56.04 5.37 -0.01	53.91 5.04 0.00	50.35 4.78 0.00	49.25 5.04 0.00	48.58 4.78 0.00	48.58 4.70 0.00	49.81 4.57 0.00	52.87 5.11 0.00	60.14 6.20 0.00	69.63 7.96 0.00	64.96 7.11 0.00	61.14 5.40 0.00	57.14 5.10 0.00	52.16 5.00 0.00	46.52 3.28 0.00	41.47 2.57 0.00
HOLTSVILLE_IC_10 23699	45.75 4.01 0.00	44.07 3.08 -0.98	42.25 2.63 -2.57	40.43 2.37 -3.23	40.52 2.68 -0.63	41.70 3.23 0.00	49.68 4.23 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.56 5.35 0.00	48.88 5.08 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.15 5.40 0.00	60.57 6.63 0.00	70.12 8.45 0.00	65.48 7.64 0.00	61.58 5.85 0.00	57.50 5.46 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00
HOLTSVILLE_IC_2 23691	45.54 3.80 0.00	43.91 2.92 -0.98	42.07 2.45 -2.57	40.29 2.23 -3.23	40.37 2.53 -0.63	41.55 3.08 0.00	49.45 4.00 0.00	57.44 5.13 -0.01	56.04 5.37 -0.01	53.91 5.04 0.00	50.35 4.78 0.00	49.25 5.04 0.00	48.58 4.78 0.00	48.58 4.70 0.00	49.81 4.57 0.00	52.87 5.11 0.00	60.14 6.20 0.00	69.63 7.96 0.00	64.96 7.11 0.00	61.14 5.40 0.00	57.14 5.10 0.00	52.16 5.00 0.00	46.52 3.28 0.00	41.47 2.57 0.00
HOLTSVILLE_IC_3 23692	45.54 3.80 0.00	43.91 2.92 -0.98	42.07 2.45 -2.57	40.29 2.23 -3.23	40.37 2.53 -0.63	41.55 3.08 0.00	49.45 4.00 0.00	57.44 5.13 -0.01	56.04 5.37 -0.01	53.91 5.04 0.00	50.35 4.78 0.00	49.25 5.04 0.00	48.58 4.78 0.00	48.58 4.70 0.00	49.81 4.57 0.00	52.87 5.11 0.00	60.14 6.20 0.00	69.63 7.96 0.00	64.96 7.11 0.00	61.14 5.40 0.00	57.14 5.10 0.00	52.16 5.00 0.00	46.52 3.28 0.00	41.47 2.57 0.00
HOLTSVILLE_IC_4 23693	45.54 3.80 0.00	43.91 2.92 -0.98	42.07 2.45 -2.57	40.29 2.23 -3.23	40.37 2.53 -0.63	41.55 3.08 0.00	49.45 4.00 0.00	57.44 5.13 -0.01	56.04 5.37 -0.01	53.91 5.04 0.00	50.35 4.78 0.00	49.25 5.04 0.00	48.58 4.78 0.00	48.58 4.70 0.00	49.81 4.57 0.00	52.87 5.11 0.00	60.14 6.20 0.00	69.63 7.96 0.00	64.96 7.11 0.00	61.14 5.40 0.00	57.14 5.10 0.00	52.16 5.00 0.00	46.52 3.28 0.00	41.47 2.57 0.00
HOLTSVILLE_IC_5 23694	45.54 3.80 0.00	43.91 2.92 -0.98	42.07 2.45 -2.57	40.29 2.23 -3.23	40.37 2.53 -0.63	41.55 3.08 0.00	49.45 4.00 0.00	57.44 5.13 -0.01	56.04 5.37 -0.01	53.91 5.04 0.00	50.35 4.78 0.00	49.25 5.04 0.00	48.58 4.78 0.00	48.58 4.70 0.00	49.81 4.57 0.00	52.87 5.11 0.00	60.14 6.20 0.00	69.63 7.96 0.00	64.96 7.11 0.00	61.14 5.40 0.00	57.14 5.10 0.00	52.16 5.00 0.00	46.52 3.28 0.00	41.47 2.57 0.00
HOLTSVILLE_IC_6 23695	45.75 4.01 0.00	44.07 3.08 -0.98	42.25 2.63 -2.57	40.43 2.37 -3.23	40.52 2.68 -0.63	41.70 3.23 0.00	49.68 4.23 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.56 5.35 0.00	48.88 5.08 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.15 5.40 0.00	60.57 6.63 0.00	70.12 8.45 0.00	65.48 7.64 0.00	61.58 5.85 0.00	57.50 5.46 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00
HOLTSVILLE_IC_7 23696	45.75 4.01 0.00	44.07 3.08 -0.98	42.25 2.63 -2.57	40.43 2.37 -3.23	40.52 2.68 -0.63	41.70 3.23 0.00	49.68 4.23 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.56 5.35 0.00	48.88 5.08 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.15 5.40 0.00	60.57 6.63 0.00	70.12 8.45 0.00	65.48 7.64 0.00	61.58 5.85 0.00	57.50 5.46 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00
HOLTSVILLE_IC_8 23697	45.75 4.01 0.00	44.07 3.08 -0.98	42.25 2.63 -2.57	40.43 2.37 -3.23	40.52 2.68 -0.63	41.70 3.23 0.00	49.68 4.23 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.56 5.35 0.00	48.88 5.08 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.15 5.40 0.00	60.57 6.63 0.00	70.12 8.45 0.00	65.48 7.64 0.00	61.58 5.85 0.00	57.50 5.46 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00
HOLTSVILLE_IC_9 23698	45.75 4.01 0.00	44.07 3.08 -0.98	42.25 2.63 -2.57	40.43 2.37 -3.23	40.52 2.68 -0.63	41.70 3.23 0.00	49.68 4.23 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.56 5.35 0.00	48.88 5.08 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.15 5.40 0.00	60.57 6.63 0.00	70.12 8.45 0.00	65.48 7.64 0.00	61.58 5.85 0.00	57.50 5.46 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00
HOMER_HL_115KV_TB2 355744	38.65 -3.09 0.00	34.89 -5.28 -0.16	32.43 -5.04 -0.41	30.80 -4.63 -0.60	32.37 -4.95 -0.10	35.74 -2.73 0.00	41.73 -3.73 0.00	48.86 -2.98 0.46	45.60 -3.19 1.87	43.18 -2.74 2.96	42.58 -2.51 0.48	40.89 -2.61 0.71	40.15 -2.50 1.16	40.89 -2.50 0.50	41.40 -3.85 0.00	44.62 -3.06 0.08	48.99 -3.13 1.83	57.48 -2.84 1.35	54.21 -3.53 0.11	51.32 -4.40 0.00	48.19 -3.85 0.00	43.30 -3.87 0.00	40.90 -2.33 0.00	37.81 -1.09 0.00
HOWARD_WT_PWR 323690	38.57 -3.17 0.00	36.61 -3.60 -0.21	34.11 -3.48 -0.53	32.38 -3.17 -0.72	34.03 -3.31 -0.13	35.93 -2.54 0.00	42.50 -2.95 0.00	54.25 -3.03 -4.98	67.71 -3.35 -20.39	78.13 -2.98 -32.23	47.93 -2.87 -5.23	48.74 -3.23 -7.76	53.56 -2.80 -12.56	46.64 -2.63 -5.39	42.35 -2.90 0.00	45.42 -3.20 -0.86	72.46 -2.75 -21.27	75.09 -2.28 -15.70	56.64 -2.37 -1.17	53.33 -2.39 0.00	50.32 -1.72 0.00	45.19 -1.98 0.00	42.37 -0.86 0.00	38.71 -0.19 0.00

HQ_GEN_CEDARS 23644	72.23 -0.83 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.29 0.09 -33.75	91.49 1.10 -38.09	87.88 0.30 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.25 0.27 -33.74	83.26 0.24 -35.26	93.99 1.13 -38.92	106.19 1.23 -43.29	100.28 1.33 -41.10	97.13 1.23 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.82 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	72.18 -0.88 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.25 0.05 -33.75	91.49 1.10 -38.09	87.88 0.31 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.26 0.27 -33.74	83.26 0.24 -35.26	93.88 1.02 -38.92	106.07 1.11 -43.29	100.05 1.10 -41.10	97.08 1.17 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.82 -0.08 0.00
HQ_GEN_IMPORT 323601	39.59 -0.21 1.95	38.00 -0.12 1.89	35.17 -0.11 1.78	33.00 -0.14 1.69	35.29 -0.15 1.78	36.52 -0.12 1.83	43.17 -0.18 2.10	49.83 -0.10 2.37	48.17 -0.20 2.29	46.37 -0.29 2.22	43.33 -0.14 2.10	42.02 -0.13 2.06	41.68 -0.09 2.04	41.75 -0.09 2.04	43.06 -0.09 2.10	45.47 -0.10 2.19	54.60 -0.37 -1.03	54.60 -0.92 6.14	54.60 -0.69 2.56	53.12 -0.11 2.50	51.94 -0.10 0.00	47.07 -0.09 0.00	43.19 -0.04 0.00	38.94 0.04 0.00
HQ_GEN_WHEEL 23651	39.59 -0.21 1.95	38.00 -0.12 1.89	35.17 -0.11 1.78	33.00 -0.14 1.69	35.29 -0.15 1.78	36.52 -0.12 1.83	43.17 -0.18 2.10	49.83 -0.10 2.37	48.17 -0.20 2.29	46.37 -0.29 2.22	43.33 -0.14 2.10	42.02 -0.13 2.06	41.68 -0.09 2.04	41.75 -0.09 2.04	43.06 -0.09 2.10	45.47 -0.10 2.19	54.60 -0.37 -1.03	54.60 -0.92 6.14	54.60 -0.69 2.56	53.12 -0.11 2.50	51.94 -0.10 0.00	47.07 -0.09 0.00	43.19 -0.04 0.00	38.94 0.04 0.00
HUDSON AVE_GT_3 23810	44.71 2.96 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.93 2.46 0.00	48.50 3.05 0.00	55.86 3.56 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.39 3.63 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.72 3.88 0.00	59.07 3.34 0.00	55.32 3.28 0.00	50.47 3.30 0.00	45.78 2.55 0.00	40.93 2.02 0.00
HUDSON AVE_GT_4 23540	44.71 2.96 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.93 2.46 0.00	48.50 3.05 0.00	55.86 3.56 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.39 3.63 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.72 3.88 0.00	59.07 3.34 0.00	55.32 3.28 0.00	50.47 3.30 0.00	45.78 2.55 0.00	40.93 2.02 0.00
HUDSON AVE_GT_5 23657	44.71 2.96 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.93 2.46 0.00	48.50 3.05 0.00	55.86 3.56 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.08 3.51 0.00	47.66 3.45 0.00	47.22 3.42 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.39 3.63 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.72 3.88 0.00	59.07 3.34 0.00	55.32 3.28 0.00	50.47 3.30 0.00	45.78 2.55 0.00	40.93 2.02 0.00
HUDSON_AVE_10 24168	44.58 2.84 0.00	43.47 2.48 -0.99	41.77 2.15 -2.57	40.18 2.12 -3.23	40.07 2.23 -0.63	40.85 2.39 0.00	48.41 2.95 0.00	55.80 3.50 0.00	54.42 3.75 0.00	52.64 3.76 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	58.96 3.23 0.00	55.22 3.17 0.00	50.32 3.16 0.00	45.74 2.51 0.00	40.85 1.95 0.00
HUDSON___115KV_TB 4 355613	43.95 2.21 0.00	43.18 1.92 -1.26	42.04 1.70 -3.27	40.55 1.60 -4.11	39.73 1.71 -0.80	40.47 2.00 0.00	47.68 2.23 0.00	54.34 2.04 0.00	52.70 2.03 0.00	50.69 1.81 0.00	46.98 1.41 0.00	45.54 1.33 0.00	45.07 1.27 0.00	45.20 1.32 0.00	46.56 1.31 0.00	49.48 1.72 0.00	55.99 2.05 0.00	64.38 2.71 0.00	60.28 2.43 0.00	57.90 2.17 0.00	53.97 1.93 0.00	48.91 1.75 0.00	44.92 1.69 0.00	40.54 1.63 0.00
HUNTER MOUNT___DRP 323613	44.16 2.42 0.00	43.18 1.96 -1.22	41.93 1.70 -3.17	40.38 1.57 -3.99	39.66 1.67 -0.77	40.66 2.19 0.00	47.86 2.41 0.00	54.50 2.20 0.00	52.80 2.13 0.00	50.64 1.76 0.00	46.94 1.37 0.00	45.45 1.24 0.00	45.03 1.23 0.00	45.16 1.27 0.00	46.51 1.27 0.00	49.53 1.77 0.00	56.15 2.21 0.00	64.69 3.02 0.00	60.62 2.78 0.00	58.18 2.45 0.00	54.17 2.13 0.00	49.10 1.93 0.00	45.01 1.77 0.00	40.69 1.79 0.00
HUNTINGTON_RES_REC 323705	45.25 3.51 0.00	43.63 2.64 -0.98	41.81 2.19 -2.57	40.04 1.98 -3.23	40.11 2.27 -0.63	41.24 2.77 0.00	49.13 3.68 0.00	57.02 4.71 -0.01	55.64 4.97 -0.01	53.57 4.69 0.00	50.04 4.47 0.00	48.95 4.73 0.00	48.32 4.51 0.00	48.31 4.43 0.00	49.55 4.30 0.00	52.53 4.78 0.00	59.66 5.72 0.00	68.88 7.21 0.00	64.32 6.48 0.00	60.52 4.79 0.00	56.78 4.74 0.00	51.88 4.72 0.00	46.26 3.03 0.00	41.20 2.29 0.00
HUNTLEY___63 23557	37.99 -3.76 0.00	36.29 -3.84 -0.13	33.60 -3.78 -0.32	31.96 -3.38 -0.51	33.61 -3.68 -0.08	35.08 -3.39 0.00	40.59 -4.86 0.00	45.34 -5.54 1.41	39.45 -5.52 5.70	34.94 -4.94 9.00	39.54 -4.56 1.47	37.48 -4.55 2.17	35.82 -4.47 3.52	37.89 -4.48 1.51	40.77 -4.48 0.00	41.92 -5.59 0.25	42.28 -5.77 5.88	51.28 -6.04 4.35	50.80 -6.71 0.33	50.10 -5.63 0.01	47.20 -4.84 0.00	42.40 -4.76 0.00	40.29 -2.94 0.00	36.88 -2.02 0.00
HUNTLEY___64 23558	37.99 -3.76 0.00	36.29 -3.84 -0.13	33.60 -3.78 -0.32	31.96 -3.38 -0.51	33.61 -3.68 -0.08	35.08 -3.39 0.00	40.59 -4.86 0.00	45.34 -5.54 1.41	39.45 -5.52 5.70	34.94 -4.94 9.00	39.54 -4.56 1.47	37.48 -4.55 2.17	35.82 -4.47 3.52	37.89 -4.48 1.51	40.77 -4.48 0.00	41.92 -5.59 0.25	42.28 -5.77 5.88	51.28 -6.04 4.35	50.80 -6.71 0.33	50.10 -5.63 0.01	47.20 -4.84 0.00	42.40 -4.76 0.00	40.29 -2.94 0.00	36.88 -2.02 0.00
HUNTLEY___65 23559	37.99 -3.76 0.00	36.29 -3.84 -0.13	33.60 -3.78 -0.32	31.96 -3.38 -0.51	33.61 -3.68 -0.08	35.08 -3.39 0.00	40.59 -4.86 0.00	45.34 -5.54 1.41	39.45 -5.52 5.70	34.94 -4.94 9.00	39.54 -4.56 1.47	37.48 -4.55 2.17	35.82 -4.47 3.52	37.89 -4.48 1.51	40.77 -4.48 0.00	41.92 -5.59 0.25	42.28 -5.77 5.88	51.28 -6.04 4.35	50.80 -6.71 0.33	50.10 -5.63 0.01	47.20 -4.84 0.00	42.40 -4.76 0.00	40.29 -2.94 0.00	36.88 -2.02 0.00
HUNTLEY___66 23560	37.99 -3.76 0.00	36.29 -3.84 -0.13	33.60 -3.78 -0.32	31.96 -3.38 -0.51	33.61 -3.68 -0.08	35.08 -3.39 0.00	40.59 -4.86 0.00	45.34 -5.54 1.41	39.45 -5.52 5.70	34.94 -4.94 9.00	39.54 -4.56 1.47	37.48 -4.55 2.17	35.82 -4.47 3.52	37.89 -4.48 1.51	40.77 -4.48 0.00	41.92 -5.59 0.25	42.28 -5.77 5.88	51.28 -6.04 4.35	50.80 -6.71 0.33	50.10 -5.63 0.01	47.20 -4.84 0.00	42.40 -4.76 0.00	40.29 -2.94 0.00	36.88 -2.02 0.00

HUNTLEY___67 23561	37.73 -4.01 0.00	36.05 -4.08 -0.13	33.38 -4.00 -0.33	31.73 -3.62 -0.52	33.39 -3.91 -0.08	34.85 -3.62 0.00	40.36 -5.09 0.00	44.58 -6.07 1.66	37.86 -6.03 6.78	32.74 -5.43 10.71	38.77 -5.06 1.74	36.59 -5.04 2.58	34.72 -4.91 4.18	37.13 -4.96 1.79	40.45 -4.80 0.00	41.60 -5.87 0.29	41.00 -6.26 6.68	50.13 -6.60 4.94	50.40 -7.06 0.39	49.71 -6.02 0.01	46.78 -5.26 0.00	42.07 -5.09 0.00	39.99 -3.24 0.00	36.65 -2.26 0.00
HUNTLEY___68 23562	37.73 -4.01 0.00	36.05 -4.08 -0.13	33.38 -4.00 -0.33	31.73 -3.62 -0.52	33.39 -3.91 -0.08	34.85 -3.62 0.00	40.36 -5.09 0.00	44.58 -6.07 1.66	37.86 -6.03 6.78	32.74 -5.43 10.71	38.77 -5.06 1.74	36.59 -5.04 2.58	34.72 -4.91 4.18	37.13 -4.96 1.79	40.45 -4.80 0.00	41.60 -5.87 0.29	41.00 -6.26 6.68	50.13 -6.60 4.94	50.40 -7.06 0.39	49.71 -6.02 0.01	46.78 -5.26 0.00	42.07 -5.09 0.00	39.99 -3.24 0.00	36.65 -2.26 0.00
HYLAND___LFG 323620	40.49 -1.25 0.00	39.01 -1.16 -0.17	36.20 -1.30 -0.44	34.27 -1.15 -0.58	36.13 -1.19 -0.11	37.66 -0.81 0.00	44.36 -1.09 0.00	56.73 -1.00 -5.43	71.52 -1.37 -22.22	82.88 -1.12 -35.13	49.91 -1.37 -5.70	50.94 -1.73 -8.45	55.92 -1.58 -13.69	48.18 -1.58 -5.87	43.93 -1.31 0.00	47.08 -1.62 -0.94	76.12 -0.97 -23.14	78.88 0.12 -17.09	59.47 0.35 -1.28	55.56 -0.17 0.00	52.20 0.16 0.00	46.88 -0.28 0.00	43.49 0.26 0.00	39.37 0.47 0.00
INDECK___CORINTH 23802	43.16 1.42 0.00	42.73 1.40 -1.33	41.70 1.19 -3.46	40.23 1.04 -4.35	39.18 1.12 -0.85	39.81 1.35 0.00	47.32 1.86 0.00	54.29 1.99 0.00	52.80 2.13 0.00	50.74 1.86 0.00	47.12 1.55 0.00	45.63 1.41 0.00	45.12 1.31 0.00	45.25 1.36 0.00	46.69 1.45 0.00	49.43 1.67 0.00	56.10 2.16 0.00	64.57 2.90 0.00	60.45 2.61 0.00	57.73 2.00 0.00	53.81 1.77 0.00	48.72 1.55 0.00	44.36 1.12 0.00	39.76 0.85 0.00
INDECK___ILION 23567	42.16 0.42 0.00	40.45 0.44 0.00	37.46 0.41 0.00	35.21 0.38 0.00	37.62 0.41 0.00	38.89 0.42 0.00	45.95 0.50 0.00	52.88 0.58 0.00	51.23 0.56 0.00	49.47 0.59 0.00	46.03 0.46 0.00	44.66 0.44 0.00	44.24 0.44 0.00	44.32 0.44 0.00	45.70 0.45 0.00	48.24 0.48 0.00	54.53 0.59 0.00	62.47 0.80 0.00	58.48 0.64 0.00	56.29 0.56 0.00	52.56 0.52 0.00	47.73 0.57 0.00	43.71 0.48 0.00	39.33 0.43 0.00
INDECK___OLEAN 23982	38.70 -3.05 0.00	34.89 -5.28 -0.16	32.43 -5.04 -0.41	30.80 -4.63 -0.60	32.41 -4.91 -0.10	35.81 -2.65 0.00	41.86 -3.59 0.00	48.86 -2.98 0.46	45.61 -3.19 1.87	43.28 -2.64 2.96	42.58 -2.51 0.48	40.76 -2.74 0.71	40.11 -2.54 1.16	40.89 -2.50 0.50	41.35 -3.89 0.00	44.09 -3.58 0.08	49.09 -3.02 1.83	57.60 -2.71 1.35	53.28 -4.45 0.11	51.27 -4.46 0.00	48.24 -3.80 0.00	43.30 -3.87 0.00	40.90 -2.34 0.00	37.81 -1.09 0.00
INDECK___OSWEGO 23783	41.60 -1.54 -1.40	39.95 -1.48 -1.43	37.11 -1.41 -1.46	34.99 -1.29 -1.45	37.16 -1.38 -1.32	38.40 -1.38 -1.32	45.33 -1.63 -1.51	52.17 -1.83 -1.70	50.54 -1.77 -1.65	48.86 -1.61 -1.60	45.49 -1.60 -1.51	44.10 -1.59 -1.48	43.69 -1.58 -1.47	43.78 -1.58 -1.47	45.21 -1.54 -1.51	47.62 -1.72 -1.58	53.95 -1.73 -1.74	61.88 -1.73 -1.93	58.00 -1.68 -1.84	55.74 -1.79 -1.80	50.37 -1.67 0.00	45.56 -1.60 0.00	41.76 -1.47 0.00	37.58 -1.32 0.00
INDECK___YERKES 23781	38.03 -3.72 0.00	36.33 -3.80 -0.13	33.64 -3.74 -0.32	31.96 -3.38 -0.51	33.65 -3.65 -0.08	35.24 -3.23 0.00	40.72 -4.73 0.00	45.34 -5.55 1.41	39.55 -5.42 5.70	35.09 -4.79 9.00	39.59 -4.51 1.47	37.31 -4.73 2.17	35.82 -4.47 3.52	37.94 -4.43 1.51	40.50 -4.75 0.00	41.92 -5.59 0.25	42.34 -5.72 5.88	51.28 -6.04 4.35	52.13 -5.38 0.33	49.99 -5.74 0.01	47.25 -4.79 0.00	42.40 -4.76 0.00	40.34 -2.90 0.00	36.92 -1.98 0.00
INDIAN POINT_GT_1 24139	44.29 2.55 0.00	43.22 2.24 -0.98	41.57 1.96 -2.55	39.95 1.92 -3.20	39.88 2.05 -0.62	40.62 2.15 0.00	48.09 2.64 0.00	55.39 3.09 0.00	53.96 3.29 0.00	52.10 3.23 0.00	48.53 2.96 0.00	47.18 2.96 0.00	46.69 2.89 0.00	46.74 2.85 0.00	47.96 2.71 0.00	50.86 3.10 0.00	57.18 3.24 0.00	65.92 4.26 0.00	61.32 3.47 0.00	58.74 3.01 0.00	54.95 2.91 0.00	49.99 2.83 0.00	45.48 2.25 0.00	40.65 1.75 0.00
INDIAN POINT_GT_2 23659	44.29 2.55 0.00	43.22 2.24 -0.98	41.57 1.96 -2.55	39.95 1.92 -3.20	39.88 2.05 -0.62	40.62 2.15 0.00	48.09 2.64 0.00	55.39 3.09 0.00	53.96 3.29 0.00	52.10 3.23 0.00	48.53 2.96 0.00	47.18 2.96 0.00	46.69 2.89 0.00	46.74 2.85 0.00	47.96 2.71 0.00	50.86 3.10 0.00	57.18 3.24 0.00	65.92 4.26 0.00	61.32 3.47 0.00	58.74 3.01 0.00	54.95 2.91 0.00	49.99 2.83 0.00	45.48 2.25 0.00	40.65 1.75 0.00
INDIAN POINT_GT_3 24019	44.29 2.55 0.00	43.22 2.24 -0.98	41.57 1.96 -2.55	39.95 1.92 -3.20	39.88 2.05 -0.62	40.62 2.15 0.00	48.09 2.64 0.00	55.39 3.09 0.00	53.96 3.29 0.00	52.10 3.23 0.00	48.53 2.96 0.00	47.18 2.96 0.00	46.69 2.89 0.00	46.74 2.85 0.00	47.96 2.71 0.00	50.86 3.10 0.00	57.18 3.24 0.00	65.92 4.26 0.00	61.32 3.47 0.00	58.74 3.01 0.00	54.95 2.91 0.00	49.99 2.83 0.00	45.48 2.25 0.00	40.65 1.75 0.00
INDIAN POINT___2 23530	44.29 2.55 0.00	43.13 2.16 -0.96	41.46 1.89 -2.51	39.83 1.84 -3.16	39.80 1.97 -0.61	40.54 2.08 0.00	48.04 2.59 0.00	55.28 2.98 0.00	53.81 3.14 0.00	51.96 3.08 0.00	48.40 2.83 0.00	47.13 2.92 0.00	46.61 2.81 0.00	46.65 2.77 0.00	47.91 2.67 0.00	50.77 3.01 0.00	57.44 3.50 0.00	66.17 4.50 0.00	61.72 3.88 0.00	58.74 3.01 0.00	54.85 2.81 0.00	49.90 2.73 0.00	45.39 2.16 0.00	40.57 1.67 0.00
INDIAN POINT___3 23531	44.20 2.46 0.00	43.18 2.20 -0.98	41.53 1.93 -2.55	39.92 1.88 -3.20	39.85 2.01 -0.62	40.58 2.12 0.00	48.04 2.59 0.00	55.28 2.98 0.00	53.86 3.19 0.00	52.01 3.13 0.00	48.44 2.87 0.00	47.09 2.87 0.00	46.61 2.80 0.00	46.69 2.81 0.00	47.87 2.62 0.00	50.77 3.01 0.00	57.12 3.18 0.00	65.80 4.13 0.00	61.20 3.36 0.00	58.63 2.90 0.00	54.85 2.81 0.00	49.90 2.74 0.00	45.39 2.16 0.00	40.61 1.71 0.00
INGHAM_C_115KV_TB7 356103	42.28 0.54 0.00	40.61 0.60 0.00	37.69 0.63 0.00	35.39 0.56 0.00	37.77 0.56 0.00	39.08 0.62 0.00	46.13 0.68 0.00	53.14 0.84 0.00	51.43 0.76 0.00	49.61 0.73 0.00	46.16 0.59 0.00	44.79 0.57 0.00	44.37 0.57 0.00	44.41 0.53 0.00	45.83 0.59 0.00	48.38 0.62 0.00	54.70 0.76 0.00	62.59 0.93 0.00	58.54 0.69 0.00	56.40 0.67 0.00	52.72 0.68 0.00	47.92 0.75 0.00	43.97 0.73 0.00	39.60 0.70 0.00
IP CORINTH___1 23988	43.33 1.59 0.00	42.93 1.60 -1.33	41.89 1.37 -3.46	40.40 1.22 -4.35	39.36 1.30 -0.85	40.05 1.58 0.00	47.54 2.09 0.00	54.60 2.30 0.00	53.05 2.38 0.00	51.08 2.20 0.00	47.35 1.78 0.00	45.85 1.64 0.00	45.34 1.53 0.00	45.51 1.62 0.00	46.87 1.63 0.00	49.72 1.96 0.00	56.26 2.32 0.00	64.75 3.08 0.00	60.51 2.66 0.00	58.02 2.28 0.00	54.07 2.03 0.00	49.00 1.84 0.00	44.62 1.38 0.00	39.99 1.09 0.00

IP___TICONDEROGA 23804	44.54 2.80 0.00	44.17 2.84 -1.33	42.92 2.41 -3.46	41.23 2.06 -4.35	40.29 2.23 -0.85	41.16 2.69 0.00	49.09 3.64 0.00	56.38 4.08 0.00	54.82 4.15 0.00	52.74 3.86 0.00	48.81 3.24 0.00	47.22 3.01 0.00	46.61 2.80 0.00	46.78 2.90 0.00	48.23 2.99 0.00	51.29 3.53 0.00	58.04 4.10 0.00	66.85 5.18 0.00	62.53 4.69 0.00	59.91 4.18 0.00	55.79 3.75 0.00	50.42 3.25 0.00	45.87 2.64 0.00	41.00 2.10 0.00
ISLIP_RES_REC 323679	45.92 4.17 0.00	44.23 3.24 -0.98	42.37 2.74 -2.57	40.53 2.47 -3.23	40.67 2.83 -0.63	41.85 3.39 0.00	49.91 4.46 0.00	58.01 5.70 -0.01	56.60 5.93 -0.01	54.45 5.57 0.00	50.90 5.33 0.00	49.83 5.62 0.00	49.10 5.30 0.00	49.10 5.22 0.00	50.36 5.11 0.00	53.44 5.68 0.00	60.90 6.96 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.82 5.78 0.00	52.73 5.56 0.00	46.95 3.72 0.00	41.86 2.96 0.00
JAMAICA__27_KV_LOAD 355505	44.75 3.01 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	41.08 2.62 0.00	48.77 3.32 0.00	56.22 3.92 0.00	54.82 4.15 0.00	53.08 4.20 0.00	49.12 3.55 0.00	47.75 3.54 0.00	47.31 3.50 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.53 3.77 0.00	57.82 3.88 0.00	66.72 5.06 0.00	62.01 4.16 0.00	59.35 3.62 0.00	55.58 3.54 0.00	50.56 3.40 0.00	46.04 2.81 0.00	41.04 2.14 0.00
JANIS___SOLAR 323808	42.62 0.88 0.00	40.81 0.52 -0.28	38.27 0.48 -0.73	36.32 0.56 -0.93	38.10 0.71 -0.18	39.58 1.12 0.00	47.14 1.68 0.00	61.24 8.94 0.00	58.27 7.60 0.00	56.45 7.58 0.00	51.86 6.29 0.00	50.00 5.79 0.00	49.41 5.61 0.00	49.55 5.66 0.00	51.45 6.20 0.00	54.44 6.69 0.00	63.45 9.50 -0.01	65.44 3.76 -0.01	61.08 3.24 0.00	58.63 2.90 0.00	54.64 2.60 0.00	49.15 1.98 0.00	45.09 1.86 0.00	40.54 1.63 0.00
JARVIS____ 23743	41.95 0.21 0.00	40.21 0.20 0.00	37.24 0.19 0.00	35.01 0.18 0.00	37.40 0.19 0.00	38.66 0.19 0.00	45.64 0.18 0.00	52.51 0.21 0.00	50.92 0.25 0.00	49.17 0.30 0.00	45.80 0.23 0.00	44.44 0.22 0.00	44.02 0.22 0.00	44.10 0.22 0.00	45.43 0.18 0.00	48.00 0.24 0.00	54.27 0.33 0.00	62.16 0.49 0.00	58.25 0.41 0.00	55.95 0.22 0.00	52.25 0.21 0.00	47.40 0.24 0.00	43.41 0.17 0.00	39.02 0.12 0.00
JENNISON___1 23625	42.87 1.13 0.00	41.13 0.76 -0.36	38.75 0.74 -0.95	36.83 0.80 -1.20	38.38 0.93 -0.23	39.78 1.31 0.00	47.27 1.82 0.00	56.59 4.29 0.00	54.42 3.75 0.00	52.79 3.91 0.00	48.85 3.28 0.00	47.31 3.09 0.00	46.74 2.93 0.00	46.87 2.98 0.00	48.41 3.17 0.00	51.15 3.39 0.00	58.59 4.64 -0.01	65.62 3.95 -0.01	61.09 3.24 0.00	58.74 3.01 0.00	54.85 2.81 0.00	49.43 2.26 0.00	45.26 2.03 0.00	40.69 1.79 0.00
JENNISON___2 23626	42.87 1.13 0.00	41.13 0.76 -0.36	38.75 0.74 -0.95	36.83 0.80 -1.20	38.38 0.93 -0.23	39.78 1.31 0.00	47.27 1.82 0.00	56.59 4.29 0.00	54.42 3.75 0.00	52.79 3.91 0.00	48.85 3.28 0.00	47.31 3.09 0.00	46.74 2.93 0.00	46.87 2.98 0.00	48.41 3.17 0.00	51.15 3.39 0.00	58.59 4.64 -0.01	65.62 3.95 -0.01	61.09 3.24 0.00	58.74 3.01 0.00	54.85 2.81 0.00	49.43 2.26 0.00	45.26 2.03 0.00	40.69 1.79 0.00
JERICHO_RISE_WT_PWR 323719	-10.00 -1.63 50.11	-10.00 -1.48 48.53	-10.00 -1.33 45.72	-10.00 -1.29 43.54	-10.00 -1.41 45.80	-10.00 -1.38 47.09	-10.00 -1.46 54.00	-10.00 -1.36 60.94	-10.00 -1.62 59.05	-10.00 -1.71 57.17	-10.00 -1.41 54.16	-10.00 -1.28 52.93	-10.00 -1.31 52.49	-10.00 -1.27 52.61	-10.00 -1.27 53.98	-10.00 -1.34 56.42	-10.00 -1.67 62.27	-10.00 -2.41 69.26	-10.00 -2.08 65.77	-10.00 -1.45 64.28	50.74 -1.30 0.00	45.94 -1.23 0.00	42.24 -0.99 0.00	38.24 -0.66 0.00
KATONAH___115KV_46KV_TB4 355592	44.62 2.88 0.00	43.65 2.64 -1.00	42.01 2.33 -2.61	40.31 2.19 -3.29	40.24 2.38 -0.64	41.01 2.54 0.00	48.73 3.27 0.00	56.12 3.82 0.00	54.62 3.95 0.00	52.74 3.86 0.00	49.12 3.55 0.00	47.71 3.49 0.00	47.18 3.37 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.44 3.68 0.00	57.88 3.94 0.00	66.79 5.12 0.00	62.07 4.22 0.00	59.58 3.85 0.00	55.68 3.64 0.00	50.51 3.35 0.00	46.00 2.77 0.00	41.04 2.14 0.00
KCE_NY_1 323755	44.16 2.42 0.00	43.65 2.32 -1.32	42.58 2.07 -3.45	41.01 1.84 -4.33	40.06 2.01 -0.84	40.66 2.19 0.00	48.27 2.82 0.00	55.39 3.08 0.00	53.76 3.09 0.00	51.76 2.88 0.00	48.07 2.50 0.00	46.60 2.39 0.00	46.08 2.28 0.00	46.21 2.32 0.00	47.64 2.40 0.00	50.43 2.67 0.00	57.23 3.29 0.00	65.80 4.13 0.00	61.55 3.71 0.00	58.85 3.12 0.00	54.85 2.81 0.00	49.76 2.59 0.00	45.39 2.16 0.00	40.69 1.79 0.00
KCE_NY_6_ESR 323823	38.19 -3.55 0.00	36.02 -4.12 -0.14	33.40 -4.00 -0.35	31.71 -3.66 -0.54	33.40 -3.91 -0.09	35.39 -3.08 0.00	41.04 -4.41 0.00	45.45 -5.12 1.73	38.56 -5.07 7.04	33.30 -4.45 11.13	39.57 -4.19 1.81	37.15 -4.38 2.68	35.30 -4.16 4.34	37.89 -4.13 1.86	40.72 -4.52 0.00	42.39 -5.06 0.30	41.55 -5.23 7.15	51.08 -5.30 5.29	52.41 -5.03 0.41	50.48 -5.24 0.01	47.67 -4.37 0.00	42.78 -4.38 0.00	40.64 -2.59 0.00	37.31 -1.60 0.00
KEDC_PORT_JEFF_GT2 24210	45.71 3.97 0.00	44.03 3.04 -0.98	42.22 2.59 -2.57	40.39 2.33 -3.23	40.52 2.68 -0.63	41.66 3.19 0.00	49.63 4.18 0.00	57.70 5.39 -0.01	56.30 5.62 -0.01	54.16 5.28 0.00	50.58 5.01 0.00	49.52 5.30 0.00	48.84 5.04 0.00	48.84 4.96 0.00	50.09 4.84 0.00	53.11 5.35 0.00	60.52 6.58 0.00	70.05 8.39 0.00	65.36 7.52 0.00	61.47 5.74 0.00	57.45 5.41 0.00	52.45 5.28 0.00	46.73 3.50 0.00	41.66 2.76 0.00
KEDC_PORT_JEFF_GT3 24211	45.71 3.97 0.00	44.03 3.04 -0.98	42.22 2.59 -2.57	40.39 2.33 -3.23	40.52 2.68 -0.63	41.66 3.19 0.00	49.63 4.18 0.00	57.70 5.39 -0.01	56.30 5.62 -0.01	54.16 5.28 0.00	50.58 5.01 0.00	49.52 5.30 0.00	48.84 5.04 0.00	48.84 4.96 0.00	50.09 4.84 0.00	53.11 5.35 0.00	60.52 6.58 0.00	70.05 8.39 0.00	65.36 7.52 0.00	61.47 5.74 0.00	57.45 5.41 0.00	52.45 5.28 0.00	46.73 3.50 0.00	41.66 2.76 0.00
KEDC_GLWD_GT4 24219	44.91 3.17 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.19 2.12 -3.23	40.15 2.31 -0.63	41.01 2.54 0.00	48.73 3.27 0.00	56.23 3.92 0.00	54.83 4.16 0.00	52.93 4.05 0.00	49.44 3.87 0.00	48.19 3.98 0.00	47.66 3.86 0.00	47.70 3.82 0.00	48.96 3.71 0.00	51.82 4.06 0.00	58.31 4.37 0.00	67.28 5.61 0.00	62.76 4.91 0.00	59.47 3.73 0.00	55.58 3.54 0.00	51.03 3.87 0.00	45.96 2.73 0.00	41.04 2.14 0.00
KEDC_GLWD_GT5 24220	44.91 3.17 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.19 2.12 -3.23	40.15 2.31 -0.63	41.01 2.54 0.00	48.73 3.27 0.00	56.23 3.92 0.00	54.83 4.16 0.00	52.93 4.05 0.00	49.44 3.87 0.00	48.19 3.98 0.00	47.66 3.86 0.00	47.70 3.82 0.00	48.96 3.71 0.00	51.82 4.06 0.00	58.31 4.37 0.00	67.28 5.61 0.00	62.76 4.91 0.00	59.47 3.73 0.00	55.58 3.54 0.00	51.03 3.87 0.00	45.96 2.73 0.00	41.04 2.14 0.00

KENSICO____ 23655	44.46 2.71 0.00	43.35 2.36 -0.98	41.73 2.11 -2.56	40.11 2.06 -3.23	40.00 2.16 -0.63	40.78 2.31 0.00	48.27 2.82 0.00	55.60 3.29 0.00	54.16 3.50 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.35 3.14 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.14 2.90 0.00	51.05 3.30 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.91 3.18 0.00	55.11 3.07 0.00	50.18 3.02 0.00	45.61 2.38 0.00	40.77 1.87 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.87 3.13 0.00	43.87 2.92 -0.95	42.08 2.56 -2.47	40.41 2.47 -3.11	40.46 2.64 -0.60	41.24 2.77 0.00	48.86 3.41 0.00	56.07 3.77 0.00	54.57 3.90 0.00	52.45 3.57 0.00	48.90 3.33 0.00	47.44 3.23 0.00	46.96 3.15 0.00	47.04 3.16 0.00	48.23 2.99 0.00	51.48 3.73 0.00	58.09 4.15 0.00	67.16 5.49 0.00	62.59 4.74 0.00	59.97 4.24 0.00	56.00 3.96 0.00	50.80 3.63 0.00	46.22 2.98 0.00	41.39 2.49 0.00
KIAC_JFK_GT1 23816	44.62 2.88 0.00	43.47 2.48 -0.99	41.77 2.15 -2.57	40.18 2.12 -3.23	40.07 2.23 -0.63	40.93 2.46 0.00	48.63 3.18 0.00	56.01 3.71 0.00	54.67 4.00 0.00	52.89 4.01 0.00	48.99 3.42 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.34 3.58 0.00	57.66 3.72 0.00	66.48 4.81 0.00	61.78 3.93 0.00	59.13 3.40 0.00	55.37 3.33 0.00	50.42 3.25 0.00	45.91 2.68 0.00	40.93 2.02 0.00
KIAC_JFK_GT2 23817	44.62 2.88 0.00	43.47 2.48 -0.99	41.77 2.15 -2.57	40.18 2.12 -3.23	40.07 2.23 -0.63	40.93 2.46 0.00	48.63 3.18 0.00	56.01 3.71 0.00	54.67 4.00 0.00	52.89 4.01 0.00	48.99 3.42 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.34 3.58 0.00	57.66 3.72 0.00	66.48 4.81 0.00	61.78 3.93 0.00	59.13 3.40 0.00	55.37 3.33 0.00	50.42 3.25 0.00	45.91 2.68 0.00	40.93 2.02 0.00
KIAC_JFK____ 323774	44.71 2.96 0.00	43.47 2.48 -0.99	41.77 2.15 -2.57	40.18 2.12 -3.23	40.07 2.23 -0.63	40.93 2.46 0.00	48.68 3.23 0.00	56.01 3.71 0.00	54.67 4.00 0.00	52.89 4.01 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.39 3.63 0.00	58.04 4.10 0.00	66.85 5.18 0.00	62.36 4.52 0.00	59.30 3.57 0.00	55.37 3.33 0.00	50.42 3.25 0.00	45.91 2.68 0.00	40.92 2.02 0.00
KINTIGH____ 23543	37.90 -3.84 0.00	36.91 -3.24 -0.15	34.26 -3.19 -0.39	32.39 -2.89 -0.45	34.18 -3.13 -0.09	35.04 -3.42 0.00	40.73 -4.73 0.00	45.44 -6.01 0.84	41.23 -5.98 3.46	37.93 -5.47 5.47	39.58 -5.10 0.89	37.86 -5.04 1.32	36.72 -4.95 2.13	37.97 -5.00 0.91	40.81 -4.43 0.00	41.79 -5.83 0.15	44.05 -6.26 3.63	52.33 -6.66 2.68	50.65 -7.00 0.20	50.05 -5.68 0.00	47.10 -4.94 0.00	42.35 -4.81 0.00	39.95 -3.29 0.00	36.37 -2.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-6.82 -1.17 47.40	-6.97 -1.08 45.89	-7.11 -0.93 43.24	-7.26 -0.91 41.18	-7.07 -0.97 43.32	-6.91 -0.85 44.53	-6.34 -0.73 51.07	-5.81 -0.47 57.64	-6.09 -0.91 55.84	-6.21 -1.03 54.07	-6.47 -0.82 51.22	-6.60 -0.75 50.06	-6.58 -0.74 49.64	-6.57 -0.70 49.76	-6.48 -0.68 51.05	-6.27 -0.67 53.36	-5.49 -0.54 58.89	-4.89 -1.05 65.51	-4.82 -0.46 62.20	-5.51 -0.45 60.79	51.52 -0.52 0.00	46.60 -0.57 0.00	42.84 -0.39 0.00	38.79 -0.12 0.00
LACHUTE__HYDRO 323717	44.58 2.84 0.00	44.17 2.84 -1.33	42.92 2.41 -3.46	41.23 2.05 -4.35	40.29 2.23 -0.85	41.16 2.69 0.00	49.13 3.68 0.00	56.38 4.08 0.00	54.82 4.16 0.00	52.64 3.76 0.00	48.81 3.24 0.00	47.26 3.05 0.00	46.61 2.81 0.00	46.78 2.90 0.00	48.28 3.03 0.00	51.20 3.44 0.00	58.15 4.21 0.00	67.03 5.36 0.00	62.82 4.98 0.00	59.91 4.18 0.00	55.79 3.75 0.00	50.47 3.30 0.00	45.87 2.64 0.00	41.00 2.10 0.00
LAWRNCV_115KV_TB1 80681	72.23 -0.83 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.29 0.09 -33.75	91.49 1.10 -38.09	87.88 0.30 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.25 0.27 -33.74	83.26 0.24 -35.26	93.99 1.13 -38.92	106.19 1.23 -43.29	100.28 1.33 -41.10	97.13 1.23 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.82 -0.08 0.00
LEDERLE____ 23769	44.25 2.50 0.00	43.16 2.20 -0.95	41.46 1.93 -2.48	39.87 1.92 -3.12	39.83 2.01 -0.61	40.62 2.15 0.00	48.04 2.59 0.00	55.28 2.98 0.00	53.86 3.19 0.00	51.96 3.08 0.00	48.40 2.83 0.00	47.04 2.83 0.00	46.61 2.80 0.00	46.65 2.76 0.00	47.82 2.58 0.00	50.77 3.01 0.00	57.12 3.18 0.00	65.86 4.19 0.00	61.26 3.41 0.00	58.68 2.95 0.00	54.90 2.86 0.00	49.95 2.78 0.00	45.44 2.20 0.00	40.65 1.75 0.00
LIGHTHSE_115KV_TB6 355974	43.92 -1.17 -3.35	42.16 -1.16 -3.31	39.22 -1.07 -3.24	36.99 -0.98 -3.14	39.31 -1.00 -3.10	40.61 -1.00 -3.14	47.97 -1.09 -3.61	55.38 -0.99 -4.07	53.50 -1.11 -3.94	51.82 -0.88 -3.82	48.18 -1.00 -3.62	46.77 -0.97 -3.53	46.30 -1.01 -3.50	46.39 -1.01 -3.51	47.99 -0.86 -3.60	50.48 -1.05 -3.77	57.24 -0.86 -4.16	65.55 -0.74 -4.62	61.25 -0.98 -4.39	59.19 -0.84 -4.29	51.21 -0.83 0.00	46.22 -0.94 0.00	42.33 -0.91 0.00	38.01 -0.89 0.00
LINDEN COGEN____ 23786	44.50 2.75 0.00	43.31 2.32 -0.99	41.62 2.00 -2.57	40.04 1.98 -3.23	39.92 2.08 -0.63	40.66 2.19 0.00	48.23 2.77 0.00	55.49 3.19 0.00	54.16 3.49 0.00	52.35 3.47 0.00	48.76 3.19 0.00	47.44 3.23 0.00	46.96 3.16 0.00	47.00 3.12 0.00	48.28 3.03 0.00	51.10 3.34 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.89 4.05 0.00	58.85 3.12 0.00	54.95 2.91 0.00	50.14 2.97 0.00	45.48 2.25 0.00	40.65 1.75 0.00
LINDHRST_69_KV_BK1 356055	45.50 3.76 0.00	43.95 2.96 -0.99	42.14 2.52 -2.57	40.32 2.26 -3.23	40.26 2.42 -0.63	41.58 3.12 0.00	49.45 4.00 0.00	57.38 5.07 -0.01	55.99 5.32 -0.01	53.91 5.03 0.00	50.08 4.51 0.00	48.86 4.64 0.00	48.27 4.47 0.00	48.32 4.43 0.00	49.45 4.21 0.00	52.49 4.73 0.00	58.90 4.96 0.00	68.27 6.60 0.00	63.28 5.44 0.00	60.13 4.40 0.00	56.78 4.74 0.00	51.65 4.48 0.00	46.61 3.37 0.00	41.55 2.65 0.00
LIPA_MISC_IPP 23656	45.62 3.88 0.00	44.03 3.04 -0.98	42.18 2.56 -2.57	40.36 2.30 -3.23	40.34 2.49 -0.63	41.70 3.23 0.00	49.59 4.14 0.00	57.64 5.33 -0.01	56.25 5.57 -0.01	54.11 5.23 0.00	50.13 4.56 0.00	48.90 4.69 0.00	48.27 4.47 0.00	48.27 4.39 0.00	49.45 4.21 0.00	52.49 4.73 0.00	58.96 5.02 0.00	68.45 6.78 0.00	63.40 5.55 0.00	60.24 4.51 0.00	56.83 4.79 0.00	51.69 4.53 0.00	46.69 3.46 0.00	41.63 2.72 0.00
LISF__SOLAR 323691	45.79 4.05 0.00	44.07 3.08 -0.98	42.25 2.63 -2.57	40.43 2.37 -3.23	40.56 2.72 -0.63	41.74 3.27 0.00	49.72 4.27 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.56 5.35 0.00	48.88 5.08 0.00	48.84 4.96 0.00	50.09 4.84 0.00	53.15 5.40 0.00	60.63 6.69 0.00	70.24 8.57 0.00	65.54 7.69 0.00	61.64 5.90 0.00	57.55 5.51 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00

LITTLE FALLS___HYD 24013	42.28 0.54 0.00	40.61 0.60 0.00	37.69 0.63 0.00	35.39 0.56 0.00	37.77 0.56 0.00	39.08 0.62 0.00	46.13 0.68 0.00	53.14 0.84 0.00	51.43 0.76 0.00	49.61 0.73 0.00	46.16 0.59 0.00	44.79 0.57 0.00	44.37 0.57 0.00	44.41 0.53 0.00	45.83 0.59 0.00	48.38 0.62 0.00	54.70 0.76 0.00	62.59 0.93 0.00	58.54 0.69 0.00	56.40 0.67 0.00	52.72 0.68 0.00	47.92 0.75 0.00	43.97 0.73 0.00	39.60 0.70 0.00
LITTLRIV_115KV_TB1 356100	72.90 -0.17 -31.32	69.96 -0.40 -30.36	65.49 -0.22 -28.66	62.00 -0.14 -27.31	65.75 -0.11 -28.64	68.13 0.23 -29.43	80.16 0.95 -33.75	92.69 2.30 -38.09	88.89 1.32 -36.90	85.98 1.37 -35.73	80.42 1.00 -33.85	78.27 0.97 -33.08	77.40 0.79 -32.81	77.64 0.88 -32.88	80.16 1.18 -33.74	84.17 1.15 -35.26	95.23 2.37 -38.92	107.61 2.65 -43.29	101.61 2.66 -41.10	98.36 2.45 -40.18	54.17 2.13 0.00	48.53 1.37 0.00	44.14 0.91 0.00	39.49 0.58 0.00
LI_NEWBRDGE___DRP 323616	44.70 2.96 0.00	43.27 2.28 -0.98	41.51 1.89 -2.57	39.77 1.71 -3.23	39.67 1.82 -0.63	40.85 2.39 0.00	48.54 3.09 0.00	56.23 3.92 -0.01	54.88 4.21 -0.01	52.89 4.01 0.00	49.17 3.60 0.00	47.93 3.71 0.00	47.39 3.59 0.00	47.44 3.55 0.00	48.55 3.30 0.00	51.48 3.73 0.00	57.66 3.72 0.00	66.72 5.06 0.00	61.84 3.99 0.00	58.91 3.18 0.00	55.58 3.54 0.00	50.65 3.49 0.00	45.74 2.51 0.00	40.81 1.91 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.82 -3.92 0.00	36.29 -3.84 -0.13	33.60 -3.78 -0.32	31.90 -3.41 -0.48	33.58 -3.72 -0.08	34.93 -3.54 0.00	40.45 -5.00 0.00	45.30 -5.81 1.19	40.06 -5.78 4.83	36.06 -5.18 7.64	39.49 -4.83 1.25	37.55 -4.82 1.84	36.13 -4.69 2.98	37.86 -4.74 1.28	40.63 -4.62 0.00	41.72 -5.83 0.21	42.87 -6.04 5.03	51.66 -6.29 3.72	50.68 -6.88 0.29	49.87 -5.85 0.00	46.99 -5.05 0.00	42.21 -4.95 0.00	40.03 -3.20 0.00	36.65 -2.26 0.00
LOCKPORT___CC1 323769	37.78 -3.97 0.00	36.25 -3.88 -0.13	33.56 -3.82 -0.32	31.87 -3.45 -0.49	33.54 -3.76 -0.08	35.01 -3.46 0.00	40.50 -4.95 0.00	45.05 -5.96 1.29	39.55 -5.88 5.24	35.37 -5.23 8.28	39.25 -4.97 1.35	37.09 -5.13 2.00	35.67 -4.91 3.23	37.62 -4.87 1.39	40.18 -5.07 0.00	41.61 -5.92 0.23	42.23 -6.26 5.45	51.10 -6.54 4.03	51.81 -5.73 0.31	49.65 -6.07 0.01	46.89 -5.15 0.00	42.07 -5.09 0.00	39.99 -3.24 0.00	36.61 -2.30 0.00
LOCKPORT___CC2 323770	37.78 -3.97 0.00	36.25 -3.88 -0.13	33.56 -3.82 -0.32	31.87 -3.45 -0.49	33.54 -3.76 -0.08	35.01 -3.46 0.00	40.50 -4.95 0.00	45.05 -5.96 1.29	39.55 -5.88 5.24	35.37 -5.23 8.28	39.25 -4.97 1.35	37.09 -5.13 2.00	35.67 -4.91 3.23	37.62 -4.87 1.39	40.18 -5.07 0.00	41.61 -5.92 0.23	42.23 -6.26 5.45	51.10 -6.54 4.03	51.81 -5.73 0.31	49.65 -6.07 0.01	46.89 -5.15 0.00	42.07 -5.09 0.00	39.99 -3.24 0.00	36.61 -2.30 0.00
LOCKPORT___CC3 323771	37.78 -3.97 0.00	36.25 -3.88 -0.13	33.56 -3.82 -0.32	31.87 -3.45 -0.49	33.54 -3.76 -0.08	35.01 -3.46 0.00	40.50 -4.95 0.00	45.05 -5.96 1.29	39.55 -5.88 5.24	35.37 -5.23 8.28	39.25 -4.97 1.35	37.09 -5.13 2.00	35.67 -4.91 3.23	37.62 -4.87 1.39	40.18 -5.07 0.00	41.61 -5.92 0.23	42.23 -6.26 5.45	51.10 -6.54 4.03	51.81 -5.73 0.31	49.65 -6.07 0.01	46.89 -5.15 0.00	42.07 -5.09 0.00	39.99 -3.24 0.00	36.61 -2.30 0.00
LONG_LAKE_PHOENIX 24014	40.32 -1.42 0.00	38.72 -1.36 -0.08	35.96 -1.30 -0.20	33.90 -1.18 -0.25	36.00 -1.27 -0.05	37.20 -1.27 0.00	44.00 -1.45 0.00	50.73 -1.57 0.00	49.10 -1.57 0.00	47.46 -1.42 0.00	44.20 -1.37 0.00	42.84 -1.37 0.00	42.45 -1.36 0.00	42.52 -1.36 0.00	43.93 -1.31 0.00	46.28 -1.48 0.00	52.38 -1.56 0.00	60.19 -1.48 0.00	56.17 -1.68 0.00	54.28 -1.45 0.00	50.64 -1.41 0.00	45.75 -1.41 0.00	41.98 -1.25 0.00	37.81 -1.09 0.00
LOVETT___3 23632	44.04 2.30 0.00	43.00 2.04 -0.95	41.32 1.78 -2.49	39.74 1.78 -3.13	39.68 1.86 -0.61	40.47 2.00 0.00	47.82 2.36 0.00	55.07 2.77 0.00	53.61 2.94 0.00	51.76 2.88 0.00	48.21 2.64 0.00	46.87 2.65 0.00	46.43 2.63 0.00	46.47 2.59 0.00	47.64 2.40 0.00	50.58 2.82 0.00	56.85 2.91 0.00	65.55 3.89 0.00	60.97 3.12 0.00	58.41 2.68 0.00	54.59 2.55 0.00	49.71 2.55 0.00	45.22 1.99 0.00	40.50 1.59 0.00
LOVETT___4 23642	44.04 2.30 0.00	43.00 2.04 -0.95	41.32 1.78 -2.49	39.74 1.78 -3.13	39.68 1.86 -0.61	40.47 2.00 0.00	47.82 2.36 0.00	55.07 2.77 0.00	53.61 2.94 0.00	51.76 2.88 0.00	48.21 2.64 0.00	46.87 2.65 0.00	46.43 2.63 0.00	46.47 2.59 0.00	47.64 2.40 0.00	50.58 2.82 0.00	56.85 2.91 0.00	65.55 3.89 0.00	60.97 3.12 0.00	58.41 2.68 0.00	54.59 2.55 0.00	49.71 2.55 0.00	45.22 1.99 0.00	40.50 1.59 0.00
LOVETT___5 23593	44.04 2.30 0.00	43.00 2.04 -0.95	41.32 1.78 -2.49	39.74 1.78 -3.13	39.68 1.86 -0.61	40.47 2.00 0.00	47.82 2.36 0.00	55.07 2.77 0.00	53.61 2.94 0.00	51.76 2.88 0.00	48.21 2.64 0.00	46.87 2.65 0.00	46.43 2.63 0.00	46.47 2.59 0.00	47.64 2.40 0.00	50.58 2.82 0.00	56.85 2.91 0.00	65.55 3.89 0.00	60.97 3.12 0.00	58.41 2.68 0.00	54.59 2.55 0.00	49.71 2.55 0.00	45.22 1.99 0.00	40.50 1.59 0.00
LOWER RAQUET___HYD 24057	72.18 -0.88 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.25 0.05 -33.75	91.49 1.10 -38.09	87.88 0.31 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.26 0.27 -33.74	83.26 0.24 -35.26	93.88 1.02 -38.92	106.07 1.11 -43.29	100.05 1.10 -41.10	97.08 1.17 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.86 -0.04 0.00
LOWER___HUDSON 24059	43.95 2.21 0.00	43.35 2.04 -1.31	42.31 1.85 -3.41	40.82 1.71 -4.28	39.87 1.82 -0.83	40.39 1.92 0.00	47.82 2.36 0.00	54.86 2.56 0.00	53.25 2.58 0.00	51.32 2.44 0.00	47.71 2.14 0.00	46.29 2.08 0.00	45.82 2.02 0.00	45.90 2.02 0.00	47.28 2.04 0.00	50.00 2.25 0.00	56.69 2.75 0.00	65.18 3.51 0.00	60.91 3.06 0.00	58.24 2.51 0.00	54.28 2.24 0.00	49.29 2.12 0.00	45.01 1.77 0.00	40.38 1.48 0.00
LOWVILLE_115KV_TB2 356335	50.34 -0.33 -8.94	48.22 -0.48 -8.69	44.94 -0.37 -8.25	42.41 -0.31 -7.89	45.15 -0.26 -8.19	46.75 -0.12 -8.40	55.31 0.23 -9.63	64.06 0.89 -10.87	61.65 0.46 -10.53	59.61 0.54 -10.19	55.45 0.23 -9.66	53.87 0.22 -9.44	53.34 0.18 -9.36	53.48 0.22 -9.38	55.23 0.36 -9.62	58.15 0.33 -10.06	66.01 0.97 -11.10	75.31 1.30 -12.35	70.67 1.10 -11.73	68.25 1.06 -11.46	52.87 0.83 0.00	47.59 0.42 0.00	43.36 0.13 0.00	38.82 -0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.12 2.38 0.00	43.65 2.32 -1.32	42.54 2.04 -3.45	41.01 1.85 -4.33	40.03 1.97 -0.84	40.66 2.19 0.00	48.18 2.73 0.00	55.33 3.03 0.00	53.76 3.09 0.00	51.76 2.88 0.00	48.03 2.46 0.00	46.56 2.34 0.00	46.08 2.28 0.00	46.21 2.33 0.00	47.60 2.35 0.00	50.43 2.67 0.00	57.02 3.07 0.00	65.55 3.89 0.00	61.26 3.41 0.00	58.80 3.07 0.00	54.85 2.81 0.00	49.71 2.55 0.00	45.35 2.12 0.00	40.65 1.75 0.00

LUTHERNY_35_KV_BK2 355980	44.12 2.38 0.00	43.65 2.32 -1.32	42.54 2.04 -3.45	41.01 1.85 -4.33	40.07 2.01 -0.84	40.66 2.19 0.00	48.23 2.77 0.00	55.39 3.09 0.00	53.76 3.09 0.00	51.81 2.93 0.00	48.08 2.51 0.00	46.60 2.39 0.00	46.08 2.28 0.00	46.21 2.33 0.00	47.64 2.40 0.00	50.48 2.72 0.00	57.07 3.13 0.00	65.61 3.95 0.00	61.32 3.47 0.00	58.85 3.12 0.00	54.90 2.86 0.00	49.76 2.59 0.00	45.39 2.16 0.00	40.69 1.79 0.00
LWR___OSWEGATCHIE_HYD 23850	62.00 -1.00 -21.26	59.50 -1.12 -20.62	55.62 -0.93 -19.49	52.58 -0.84 -18.59	55.81 -0.86 -19.45	57.79 -0.65 -19.97	68.08 -0.27 -22.90	78.73 0.58 -25.85	75.61 -0.10 -25.05	73.18 0.05 -24.25	68.31 -0.23 -22.97	66.49 -0.18 -22.45	65.76 -0.31 -22.26	65.94 -0.26 -22.32	68.10 -0.05 -22.90	71.55 -0.14 -23.93	80.95 0.59 -26.41	91.79 0.74 -29.38	86.50 0.75 -27.90	83.67 0.67 -27.27	52.51 0.47 0.00	47.16 0.00 0.00	42.93 -0.30 0.00	38.44 -0.47 0.00
LYONS_FALL_HYD 23570	47.79 0.13 -5.92	45.74 -0.04 -5.77	42.59 0.04 -5.50	40.16 0.07 -5.26	42.76 0.11 -5.44	44.30 0.27 -5.56	52.38 0.55 -6.38	60.60 1.10 -7.20	58.45 0.81 -6.98	56.56 0.93 -6.76	52.61 0.64 -6.40	51.09 0.62 -6.25	50.57 0.57 -6.20	50.67 0.57 -6.22	52.35 0.72 -6.38	55.09 0.67 -6.67	62.54 1.24 -7.36	71.45 1.60 -8.18	67.07 1.45 -7.77	64.55 1.22 -7.60	53.08 1.04 0.00	47.87 0.71 0.00	43.71 0.48 0.00	39.18 0.27 0.00
MADISON___COUNTY_LFGE 323628	44.24 0.71 -1.79	42.40 0.60 -1.79	39.40 0.56 -1.79	37.14 0.56 -1.75	39.52 0.63 -1.67	40.96 0.81 -1.68	48.52 1.14 -1.93	56.05 1.57 -2.18	54.15 1.37 -2.11	52.44 1.52 -2.04	48.73 1.23 -1.93	47.25 1.15 -1.89	46.82 1.14 -1.87	46.90 1.14 -1.88	48.44 1.27 -1.93	51.02 1.24 -2.02	57.78 1.62 -2.22	66.24 2.10 -2.47	61.93 1.74 -2.35	59.70 1.67 -2.30	53.55 1.51 0.00	48.34 1.18 0.00	44.23 0.99 0.00	39.72 0.82 0.00
MALONE___115KV_TB1 356076	97.69 -0.88 -56.83	94.19 -0.84 -55.03	88.20 -0.70 -51.85	83.54 -0.66 -49.38	88.41 -0.74 -51.94	91.28 -0.58 -53.39	106.37 -0.32 -61.23	121.67 0.26 -69.11	117.32 -0.30 -66.96	113.31 -0.39 -64.83	106.71 -0.27 -61.41	104.10 -0.13 -60.02	103.11 -0.22 -59.52	103.37 -0.18 -59.66	106.37 -0.09 -61.21	111.64 -0.10 -63.98	124.82 0.27 -70.61	140.15 -0.06 -78.54	132.77 0.35 -74.58	128.96 0.33 -72.89	52.35 0.31 0.00	47.21 0.05 0.00	43.32 0.09 0.00	39.14 0.23 0.00
MAPLEWOD_115KV_TB3 80458	43.79 2.05 0.00	43.23 1.92 -1.30	42.20 1.74 -3.40	40.74 1.64 -4.27	39.79 1.75 -0.83	40.28 1.81 0.00	47.50 2.05 0.00	54.39 2.09 0.00	52.80 2.13 0.00	50.93 2.05 0.00	47.26 1.69 0.00	45.85 1.64 0.00	45.42 1.62 0.00	45.51 1.62 0.00	46.83 1.58 0.00	49.57 1.81 0.00	55.99 2.05 0.00	64.32 2.65 0.00	60.05 2.20 0.00	57.68 1.95 0.00	53.81 1.77 0.00	48.82 1.65 0.00	44.66 1.43 0.00	40.19 1.28 0.00
MAPLE_RIDGE_WT_1 323574	39.16 -1.21 1.37	37.60 -1.08 1.32	34.81 -1.00 1.25	32.70 -0.94 1.19	34.96 -1.00 1.25	36.11 -1.08 1.28	42.80 -1.18 1.47	49.33 -1.31 1.66	47.74 -1.32 1.61	46.00 -1.32 1.56	42.96 -1.14 1.48	41.67 -1.10 1.44	41.28 -1.09 1.43	41.40 -1.05 1.43	42.69 -1.09 1.47	45.12 -1.10 1.54	50.90 -1.35 1.70	58.12 -1.66 1.89	54.61 -1.44 1.79	52.86 -1.11 1.75	51.11 -0.94 0.00	46.41 -0.76 0.00	42.59 -0.65 0.00	38.44 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	39.16 -1.21 1.37	37.60 -1.08 1.32	34.81 -1.00 1.25	32.70 -0.94 1.19	34.96 -1.00 1.25	36.11 -1.08 1.28	42.80 -1.18 1.47	49.33 -1.31 1.66	47.74 -1.32 1.61	46.00 -1.32 1.56	42.96 -1.14 1.48	41.67 -1.10 1.44	41.28 -1.09 1.43	41.40 -1.05 1.43	42.69 -1.09 1.47	45.12 -1.10 1.54	50.90 -1.35 1.70	58.12 -1.66 1.89	54.61 -1.44 1.79	52.86 -1.11 1.75	51.11 -0.94 0.00	46.41 -0.76 0.00	42.59 -0.65 0.00	38.44 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	-6.37 -1.67 46.45	-6.49 -1.52 44.97	-6.69 -1.37 42.38	-6.85 -1.32 40.36	-6.65 -1.41 42.45	-6.55 -1.38 43.64	-6.09 -1.50 50.04	-5.59 -1.41 56.48	-5.78 -1.72 54.72	-5.86 -1.76 52.98	-6.13 -1.50 50.19	-6.26 -1.42 49.06	-6.25 -1.40 48.65	-6.28 -1.41 48.76	-6.19 -1.40 50.03	-5.97 -1.43 52.29	-5.50 -1.73 57.71	-4.99 -2.47 64.19	-5.25 -2.14 60.95	-5.35 -1.50 59.58	50.69 -1.35 0.00	45.89 -1.27 0.00	42.24 -0.99 0.00	38.24 -0.66 0.00
MARSHVLE_115KV_TB1 80742	44.08 2.34 0.00	43.78 2.28 -1.49	42.94 2.00 -3.88	41.52 1.81 -4.88	40.14 1.97 -0.95	40.78 2.31 0.00	48.41 2.95 0.00	55.80 3.50 0.00	53.86 3.19 0.00	51.47 2.59 0.00	47.67 2.10 0.00	45.94 1.72 0.00	45.29 1.49 0.00	45.68 1.80 0.00	47.15 1.90 0.00	50.29 2.53 0.00	57.07 3.13 0.00	65.80 4.13 0.00	61.55 3.70 0.00	59.13 3.40 0.00	55.16 3.12 0.00	50.23 3.07 0.00	45.74 2.51 0.00	40.89 1.98 0.00
MARSH_HILL_WT_PWR 323713	38.70 -3.05 0.00	36.73 -3.48 -0.20	34.21 -3.37 -0.52	32.43 -3.10 -0.70	34.11 -3.24 -0.13	35.97 -2.50 0.00	42.59 -2.86 0.00	54.71 -2.98 -5.39	69.49 -3.24 -22.06	80.82 -2.93 -34.88	48.41 -2.83 -5.66	49.42 -3.18 -8.39	54.64 -2.76 -13.59	47.12 -2.59 -5.83	42.40 -2.85 0.00	45.54 -3.15 -0.93	74.20 -2.75 -23.01	76.44 -2.22 -16.99	56.80 -2.32 -1.27	53.33 -2.39 0.00	50.37 -1.67 0.00	45.23 -1.94 0.00	42.37 -0.86 0.00	38.71 -0.19 0.00
MCINTYRE_115KV_TB2 80467	73.40 0.33 -31.32	70.40 0.04 -30.36	65.93 0.22 -28.66	62.42 0.28 -27.31	66.19 0.33 -28.64	68.63 0.73 -29.43	80.79 1.59 -33.75	93.53 3.14 -38.09	89.60 2.03 -36.90	86.66 2.05 -35.73	80.97 1.55 -33.85	78.80 1.50 -33.08	77.84 1.23 -32.81	78.17 1.40 -32.88	80.70 1.72 -33.74	84.84 1.81 -35.26	96.09 3.24 -38.92	108.60 3.64 -43.29	102.54 3.59 -41.10	99.25 3.34 -40.18	54.95 2.91 0.00	49.19 2.03 0.00	44.70 1.47 0.00	39.95 1.05 0.00
MECO_____69_KV_BK1 80468	44.91 3.17 0.00	44.56 3.12 -1.44	43.54 2.74 -3.74	41.97 2.44 -4.70	40.77 2.64 -0.91	41.51 3.04 0.00	49.41 3.95 0.00	56.75 4.45 0.00	54.87 4.21 0.00	52.50 3.62 0.00	48.58 3.01 0.00	46.82 2.61 0.00	46.26 2.45 0.00	46.52 2.63 0.00	48.01 2.76 0.00	51.20 3.44 0.00	58.15 4.21 0.00	67.03 5.37 0.00	62.76 4.92 0.00	60.30 4.57 0.00	56.26 4.22 0.00	51.03 3.87 0.00	46.52 3.29 0.00	41.59 2.68 0.00
MENANDS___115KV_TB5 355628	43.70 1.96 0.00	43.19 1.88 -1.30	42.15 1.70 -3.39	40.66 1.57 -4.26	39.72 1.67 -0.83	40.24 1.77 0.00	47.36 1.91 0.00	54.18 1.88 0.00	52.59 1.93 0.00	50.74 1.86 0.00	47.07 1.50 0.00	45.72 1.50 0.00	45.25 1.45 0.00	45.33 1.45 0.00	46.65 1.40 0.00	49.38 1.62 0.00	55.77 1.83 0.00	64.07 2.41 0.00	59.76 1.91 0.00	57.40 1.67 0.00	53.55 1.51 0.00	48.58 1.41 0.00	44.44 1.21 0.00	40.07 1.17 0.00
MG INDUSTRY___DRP 24185	43.41 1.67 0.00	42.88 1.60 -1.27	41.81 1.45 -3.31	40.35 1.36 -4.16	39.44 1.41 -0.81	39.97 1.50 0.00	47.09 1.64 0.00	53.87 1.57 0.00	52.24 1.57 0.00	50.34 1.47 0.00	46.75 1.18 0.00	45.36 1.15 0.00	44.90 1.10 0.00	44.98 1.10 0.00	46.38 1.13 0.00	49.05 1.29 0.00	55.40 1.46 0.00	63.64 1.97 0.00	59.47 1.62 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.23 0.00	44.36 1.12 0.00	39.95 1.05 0.00

MID___OSWEGATCHIE_HYD 23849	62.00 -1.00 -21.26	59.50 -1.12 -20.62	55.62 -0.93 -19.49	52.58 -0.84 -18.59	55.81 -0.86 -19.45	57.79 -0.65 -19.97	68.08 -0.27 -22.90	78.73 0.58 -25.85	75.61 -0.10 -25.05	73.18 0.05 -24.25	68.31 -0.23 -22.97	66.49 -0.18 -22.45	65.76 -0.31 -22.26	65.94 -0.26 -22.32	68.10 -0.05 -22.90	71.55 -0.14 -23.93	80.95 0.59 -26.41	91.79 0.74 -29.38	86.50 0.75 -27.90	83.67 0.67 -27.27	52.51 0.47 0.00	47.16 0.00 0.00	42.93 -0.30 0.00	38.44 -0.47 0.00
MID___RAQUETTE_HYD 23851	72.23 -0.83 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.29 0.09 -33.75	91.49 1.10 -38.09	87.88 0.30 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.25 0.27 -33.74	83.26 0.24 -35.26	93.99 1.13 -38.92	106.19 1.23 -43.29	100.28 1.33 -41.10	97.13 1.23 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.86 -0.04 0.00
MILLIKEN___1 23584	41.74 0.00 0.00	40.05 -0.16 -0.21	37.41 -0.19 -0.54	35.37 -0.14 -0.68	37.23 -0.11 -0.13	38.62 0.15 0.00	45.77 0.32 0.00	52.72 0.42 0.00	51.02 0.35 0.00	49.32 0.44 0.00	45.89 0.32 0.00	44.43 0.22 0.00	43.98 0.18 0.00	44.10 0.22 0.00	45.47 0.23 0.00	48.00 0.24 0.00	54.43 0.49 0.00	63.02 1.36 0.00	58.66 0.81 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.64 0.47 0.00	43.75 0.52 0.00	39.41 0.51 0.00
MILLIKEN___2 23585	41.74 0.00 0.00	40.05 -0.16 -0.21	37.41 -0.19 -0.54	35.37 -0.14 -0.68	37.23 -0.11 -0.13	38.62 0.15 0.00	45.77 0.32 0.00	52.72 0.42 0.00	51.02 0.35 0.00	49.32 0.44 0.00	45.89 0.32 0.00	44.43 0.22 0.00	43.98 0.18 0.00	44.10 0.22 0.00	45.47 0.23 0.00	48.00 0.24 0.00	54.43 0.49 0.00	63.02 1.36 0.00	58.66 0.81 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.64 0.47 0.00	43.75 0.52 0.00	39.41 0.51 0.00
MILLIKEN___DIESEL 23629	41.74 0.00 0.00	40.05 -0.16 -0.21	37.41 -0.19 -0.54	35.37 -0.14 -0.68	37.23 -0.11 -0.13	38.62 0.15 0.00	45.77 0.32 0.00	52.72 0.42 0.00	51.02 0.35 0.00	49.32 0.44 0.00	45.89 0.32 0.00	44.43 0.22 0.00	43.98 0.18 0.00	44.10 0.22 0.00	45.47 0.23 0.00	48.00 0.24 0.00	54.43 0.49 0.00	63.02 1.36 0.00	58.66 0.81 0.00	56.62 0.89 0.00	52.82 0.78 0.00	47.64 0.47 0.00	43.75 0.52 0.00	39.41 0.51 0.00
MILLSEAT___LFGE 323607	38.53 -3.21 0.00	37.09 -3.04 -0.13	34.34 -3.04 -0.32	32.55 -2.75 -0.47	34.32 -2.98 -0.08	35.77 -2.69 0.00	41.54 -3.91 0.00	46.68 -4.60 1.02	41.98 -4.56 4.13	38.40 -3.96 6.52	40.72 -3.78 1.06	38.70 -3.94 1.57	37.49 -3.77 2.54	39.01 -3.77 1.10	41.40 -3.85 0.00	42.95 -4.63 0.18	44.89 -4.75 4.30	53.80 -4.69 3.18	53.61 -3.99 0.24	51.27 -4.46 0.00	48.35 -3.69 0.00	43.39 -3.77 0.00	40.94 -2.29 0.00	37.35 -1.56 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.33 2.59 0.00	43.27 2.28 -0.98	41.65 2.04 -2.56	40.03 1.99 -3.22	39.92 2.08 -0.62	40.70 2.23 0.00	48.18 2.73 0.00	55.49 3.19 0.00	54.01 3.34 0.00	52.20 3.32 0.00	48.58 3.01 0.00	47.22 3.01 0.00	46.78 2.98 0.00	46.82 2.94 0.00	48.01 2.76 0.00	50.91 3.15 0.00	57.28 3.34 0.00	65.98 4.32 0.00	61.38 3.53 0.00	58.80 3.07 0.00	55.01 2.97 0.00	50.04 2.88 0.00	45.52 2.29 0.00	40.69 1.79 0.00
MILLWOOD_13_KV_LOAD 356217	44.46 2.71 0.00	43.39 2.40 -0.98	41.73 2.11 -2.56	40.07 2.02 -3.22	40.00 2.16 -0.62	40.78 2.31 0.00	48.32 2.86 0.00	55.65 3.35 0.00	54.22 3.55 0.00	52.35 3.47 0.00	48.76 3.19 0.00	47.35 3.14 0.00	46.87 3.07 0.00	46.91 3.03 0.00	48.14 2.90 0.00	51.10 3.34 0.00	57.45 3.51 0.00	66.23 4.56 0.00	61.61 3.76 0.00	59.02 3.29 0.00	55.22 3.17 0.00	50.23 3.07 0.00	45.65 2.42 0.00	40.81 1.91 0.00
MODEL_CITY_ENERGY 24167	37.23 -4.51 0.00	35.81 -4.32 -0.13	33.15 -4.23 -0.32	31.49 -3.83 -0.50	33.13 -4.17 -0.08	34.51 -3.96 0.00	39.91 -5.55 0.00	44.50 -6.54 1.26	39.05 -6.49 5.13	34.96 -5.82 8.10	38.73 -5.52 1.33	36.59 -5.66 1.96	35.25 -5.39 3.16	37.12 -5.40 1.37	39.54 -5.70 0.00	40.89 -6.64 0.23	41.61 -6.96 5.37	50.36 -7.34 3.97	50.89 -6.65 0.31	48.76 -6.97 0.01	46.06 -5.98 0.00	41.31 -5.85 0.00	39.38 -3.85 0.00	36.06 -2.84 0.00
MODERN_LFGE___ 323580	37.23 -4.51 0.00	35.81 -4.32 -0.13	33.15 -4.23 -0.32	31.49 -3.83 -0.50	33.13 -4.17 -0.08	34.51 -3.96 0.00	39.91 -5.55 0.00	44.50 -6.54 1.26	39.05 -6.49 5.13	34.96 -5.82 8.10	38.73 -5.52 1.33	36.59 -5.66 1.96	35.25 -5.39 3.16	37.12 -5.40 1.37	39.54 -5.70 0.00	40.89 -6.64 0.23	41.61 -6.96 5.37	50.36 -7.34 3.97	50.89 -6.65 0.31	48.76 -6.97 0.01	46.06 -5.98 0.00	41.31 -5.85 0.00	39.38 -3.85 0.00	36.06 -2.84 0.00
MOHAWK_PAPER___DRP 24187	43.79 2.05 0.00	43.23 1.92 -1.30	42.20 1.74 -3.40	40.74 1.64 -4.27	39.79 1.75 -0.83	40.28 1.81 0.00	47.50 2.05 0.00	54.39 2.09 0.00	52.80 2.13 0.00	50.93 2.05 0.00	47.26 1.69 0.00	45.85 1.64 0.00	45.42 1.62 0.00	45.51 1.62 0.00	46.83 1.58 0.00	49.57 1.81 0.00	55.99 2.05 0.00	64.32 2.65 0.00	60.05 2.20 0.00	57.68 1.95 0.00	53.81 1.77 0.00	48.82 1.65 0.00	44.66 1.43 0.00	40.19 1.28 0.00
MOHICAN___35_KV_115KV_LD 80490	43.75 2.00 0.00	43.33 2.00 -1.33	42.26 1.74 -3.46	40.71 1.53 -4.34	39.73 1.67 -0.84	40.39 1.92 0.00	48.00 2.55 0.00	55.13 2.82 0.00	53.56 2.89 0.00	51.57 2.69 0.00	47.80 2.23 0.00	46.29 2.08 0.00	45.77 1.97 0.00	45.90 2.02 0.00	47.33 2.08 0.00	50.19 2.44 0.00	56.80 2.86 0.00	65.37 3.70 0.00	61.03 3.18 0.00	58.57 2.84 0.00	54.59 2.55 0.00	49.43 2.26 0.00	45.05 1.82 0.00	40.34 1.44 0.00
MONGAUP___HYD 23641	44.20 2.46 0.00	43.06 2.16 -0.90	41.28 1.89 -2.34	39.61 1.84 -2.94	39.76 1.97 -0.57	40.54 2.08 0.00	48.09 2.64 0.00	55.12 2.82 0.00	53.61 2.94 0.00	51.57 2.69 0.00	48.03 2.46 0.00	46.60 2.39 0.00	46.12 2.32 0.00	46.21 2.32 0.00	47.55 2.31 0.00	50.58 2.82 0.00	57.40 3.46 0.00	66.23 4.56 0.00	61.89 4.05 0.00	59.02 3.29 0.00	55.01 2.96 0.00	49.95 2.78 0.00	45.44 2.20 0.00	40.77 1.87 0.00
MONTAUK___DIESEL 23721	45.75 4.01 0.00	44.11 3.12 -0.98	42.29 2.67 -2.57	40.46 2.40 -3.23	40.45 2.61 -0.63	41.85 3.39 0.00	49.82 4.36 0.00	58.01 5.70 -0.01	56.70 6.03 -0.01	54.50 5.62 0.00	50.22 4.65 0.00	49.08 4.86 0.00	48.40 4.60 0.00	48.36 4.48 0.00	49.50 4.25 0.00	52.53 4.78 0.00	59.17 5.23 0.00	68.88 7.22 0.00	63.81 5.96 0.00	60.52 4.79 0.00	56.98 4.94 0.00	51.74 4.57 0.00	46.56 3.33 0.00	41.82 2.92 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.19 -4.55 0.00	34.67 -5.48 -0.15	32.13 -5.30 -0.38	30.62 -4.77 -0.56	32.21 -5.10 -0.10	34.39 -4.08 0.00	40.00 -5.45 0.00	45.35 -5.65 1.31	39.66 -5.67 5.33	35.47 -4.99 8.43	39.60 -4.60 1.37	37.58 -4.60 2.03	36.01 -4.51 3.29	38.00 -4.48 1.41	40.50 -4.75 0.00	42.37 -5.16 0.23	43.29 -5.29 5.37	52.64 -5.06 3.97	52.22 -5.32 0.31	51.21 -4.51 0.01	48.40 -3.64 0.00	43.63 -3.54 0.00	41.42 -1.82 0.00	38.05 -0.86 0.00

MORRIS_RIDGE___SOLAR 323848	38.57 -3.17 0.00	36.63 -3.56 -0.19	34.06 -3.48 -0.49	32.34 -3.17 -0.68	33.95 -3.39 -0.12	35.74 -2.73 0.00	41.95 -3.50 0.00	40.81 -3.87 7.62	15.53 -3.95 31.19	-4.03 -3.62 49.29	34.06 -3.51 8.00	28.68 -3.67 11.86	21.09 -3.51 19.21	32.31 -3.34 8.24	41.62 -3.62 0.00	42.52 -3.92 1.32	17.83 -3.78 32.33	34.22 -3.58 23.87	52.52 -3.53 1.79	52.16 -3.57 0.00	49.08 -2.96 0.00	44.15 -3.02 0.00	41.46 -1.77 0.00	37.89 -1.01 0.00
MORTIMER_115KV_TB3 55949	39.15 -2.59 0.00	38.05 -2.08 -0.12	35.27 -2.11 -0.32	33.35 -1.88 -0.40	35.25 -2.05 -0.08	36.20 -2.27 0.00	42.36 -3.09 0.00	48.43 -3.87 0.00	46.88 -3.80 -0.01	45.47 -3.42 -0.01	42.38 -3.19 0.00	41.08 -3.14 0.00	40.70 -3.11 -0.01	40.73 -3.16 0.00	42.62 -2.62 0.00	44.08 -3.68 0.00	50.06 -3.88 0.00	57.79 -3.89 0.00	53.62 -4.22 0.00	52.44 -3.29 0.00	49.13 -2.91 0.00	44.29 -2.88 0.00	41.20 -2.03 0.00	37.31 -1.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.22 2.16 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.54 3.67 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	59.02 3.29 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.89 1.98 0.00
MUNSVILLE_WIND_PWR 323609	43.41 1.67 0.00	41.49 1.16 -0.32	39.05 1.15 -0.84	37.15 1.25 -1.07	38.95 1.53 -0.21	40.54 2.08 0.00	48.45 3.00 0.00	60.67 8.37 0.00	57.81 7.15 0.00	56.21 7.33 0.00	51.72 6.15 0.00	49.96 5.75 0.00	49.32 5.52 0.00	49.41 5.53 0.00	51.22 5.97 0.00	54.06 6.30 0.00	62.80 8.85 -0.01	67.66 5.98 -0.01	63.23 5.38 0.00	60.52 4.79 0.00	56.46 4.42 0.00	50.75 3.58 0.00	46.43 3.20 0.00	41.66 2.76 0.00
N SALMON___HYD 24042	97.65 -0.92 -56.83	94.19 -0.84 -55.03	88.20 -0.71 -51.85	83.54 -0.66 -49.38	88.41 -0.74 -51.94	91.29 -0.58 -53.39	106.32 -0.37 -61.23	121.67 0.26 -69.11	117.32 -0.30 -66.96	113.31 -0.39 -64.83	106.71 -0.27 -61.41	104.10 -0.13 -60.02	103.11 -0.22 -59.52	103.37 -0.17 -59.66	106.37 -0.09 -61.21	111.64 -0.10 -63.98	124.60 0.05 -70.61	139.90 -0.31 -78.54	132.31 -0.12 -74.58	128.90 0.28 -72.89	52.35 0.31 0.00	47.21 0.05 0.00	43.32 0.09 0.00	39.14 0.23 0.00
N.AKRON__115KV_KNAPP 355671	38.49 -3.26 0.00	37.01 -3.12 -0.13	34.27 -3.11 -0.32	32.48 -2.82 -0.47	34.28 -3.01 -0.08	35.58 -2.89 0.00	41.32 -4.14 0.00	46.54 -4.71 1.06	41.67 -4.71 4.29	37.95 -4.15 6.77	40.59 -3.87 1.11	38.73 -3.85 1.63	37.35 -3.81 2.64	38.88 -3.86 1.14	41.63 -3.62 0.00	42.80 -4.78 0.19	44.62 -4.85 4.46	53.56 -4.81 3.30	52.16 -5.44 0.25	51.21 -4.51 0.00	48.19 -3.85 0.00	43.30 -3.87 0.00	40.86 -2.38 0.00	37.27 -1.63 0.00
N.BELMOR_69_KV_BK1 55787	45.00 3.26 0.00	43.55 2.56 -0.99	41.77 2.15 -2.57	40.05 1.99 -3.23	39.93 2.08 -0.63	41.12 2.65 0.00	48.82 3.36 0.00	56.54 4.24 0.00	55.18 4.51 0.00	53.18 4.30 0.00	49.49 3.92 0.00	48.24 4.02 0.00	47.75 3.94 0.00	47.79 3.91 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.09 4.15 0.00	67.22 5.55 0.00	62.36 4.51 0.00	59.41 3.68 0.00	56.00 3.96 0.00	51.03 3.87 0.00	46.04 2.81 0.00	41.12 2.22 0.00
N.E_GEN_SANDY PD 24062	44.87 2.50 -0.63	43.45 2.28 -1.17	42.13 2.04 -3.04	41.92 1.95 -5.14	43.02 2.08 -3.72	45.01 2.15 -4.39	53.15 2.59 -5.11	60.17 2.87 -4.99	60.34 2.99 -6.68	56.71 2.88 -4.95	53.40 2.60 -5.23	49.91 2.61 -3.09	48.15 2.54 -1.81	47.90 2.50 -1.52	48.50 2.49 -0.77	50.48 2.72 0.00	58.49 3.24 -1.31	67.75 4.07 -2.02	61.38 3.53 0.00	58.57 2.84 0.00	54.59 2.55 0.00	49.62 2.45 0.00	45.31 2.08 0.00	40.57 1.67 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.12 2.38 0.00	43.04 2.08 -0.95	41.39 1.85 -2.48	39.77 1.81 -3.12	39.76 1.94 -0.61	40.51 2.04 0.00	47.91 2.45 0.00	55.13 2.82 0.00	53.71 3.04 0.00	51.81 2.93 0.00	48.30 2.73 0.00	46.95 2.74 0.00	46.47 2.67 0.00	46.56 2.68 0.00	47.73 2.49 0.00	50.62 2.87 0.00	56.96 3.02 0.00	65.68 4.01 0.00	61.09 3.24 0.00	58.52 2.79 0.00	54.69 2.65 0.00	49.81 2.64 0.00	45.31 2.08 0.00	40.54 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	44.87 3.13 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.22 2.38 -0.63	40.85 2.39 0.00	48.13 2.68 0.00	55.33 3.03 0.00	54.01 3.34 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.40 3.18 0.00	46.96 3.15 0.00	47.00 3.12 0.00	48.19 2.94 0.00	50.96 3.20 0.00	57.12 3.18 0.00	65.74 4.07 0.00	61.09 3.24 0.00	58.46 2.73 0.00	54.80 2.76 0.00	50.09 2.92 0.00	45.39 2.16 0.00	40.58 1.67 0.00
N.TROY___115KV_TB1 355778	43.91 2.17 0.00	43.35 2.04 -1.31	42.31 1.85 -3.41	40.82 1.71 -4.28	39.87 1.82 -0.83	40.43 1.96 0.00	47.82 2.36 0.00	54.86 2.56 0.00	53.25 2.58 0.00	51.37 2.49 0.00	47.71 2.14 0.00	46.29 2.08 0.00	45.82 2.01 0.00	45.90 2.02 0.00	47.28 2.04 0.00	50.05 2.29 0.00	56.53 2.59 0.00	65.00 3.33 0.00	60.62 2.78 0.00	58.24 2.51 0.00	54.33 2.29 0.00	49.29 2.12 0.00	45.01 1.77 0.00	40.38 1.48 0.00
NARROWS_GT1_1 24228	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT1_2 24229	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT1_3 24230	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT1_4 24231	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00

NARROWS_GT1_5 24232	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT1_6 24233	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT1_7 24234	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT1_8 24235	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_1 24236	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_2 24237	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_3 24238	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_4 24239	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_5 24240	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_6 24241	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_7 24242	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NARROWS_GT2_8 24243	45.08 3.34 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	40.97 2.50 0.00	48.55 3.09 0.00	55.49 3.19 0.00	54.21 3.55 0.00	52.55 3.67 0.00	48.99 3.42 0.00	47.79 3.58 0.00	47.31 3.51 0.00	47.35 3.47 0.00	48.64 3.40 0.00	51.29 3.53 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.07 4.22 0.00	58.96 3.23 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.87 2.64 0.00	40.96 2.06 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.16 2.42 0.00	43.18 1.96 -1.22	41.93 1.70 -3.17	40.38 1.57 -3.99	39.66 1.67 -0.77	40.66 2.19 0.00	47.86 2.41 0.00	54.50 2.20 0.00	52.80 2.13 0.00	50.64 1.76 0.00	46.94 1.37 0.00	45.45 1.24 0.00	45.03 1.23 0.00	45.16 1.27 0.00	46.51 1.27 0.00	49.53 1.77 0.00	56.15 2.21 0.00	64.69 3.02 0.00	60.62 2.78 0.00	58.18 2.45 0.00	54.17 2.13 0.00	49.10 1.93 0.00	45.01 1.77 0.00	40.69 1.79 0.00
NCHELSEA_115KV_TR2 355582	44.62 2.88 0.00	43.63 2.64 -0.99	41.96 2.33 -2.57	40.33 2.26 -3.24	40.26 2.42 -0.63	41.01 2.54 0.00	48.54 3.09 0.00	55.80 3.50 0.00	54.32 3.65 0.00	52.30 3.42 0.00	48.71 3.14 0.00	47.31 3.09 0.00	46.83 3.02 0.00	46.91 3.03 0.00	48.10 2.85 0.00	51.20 3.44 0.00	57.72 3.78 0.00	66.60 4.93 0.00	62.01 4.16 0.00	59.41 3.68 0.00	55.53 3.49 0.00	50.42 3.25 0.00	45.91 2.68 0.00	41.08 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	44.25 2.50 0.00	43.72 2.40 -1.32	42.60 2.11 -3.43	41.06 1.91 -4.32	40.14 2.08 -0.84	40.74 2.27 0.00	48.32 2.87 0.00	55.44 3.14 0.00	53.86 3.19 0.00	51.86 2.98 0.00	48.17 2.60 0.00	46.69 2.47 0.00	46.21 2.41 0.00	46.34 2.46 0.00	47.73 2.49 0.00	50.53 2.77 0.00	57.34 3.40 0.00	65.92 4.25 0.00	61.66 3.82 0.00	58.96 3.23 0.00	54.95 2.91 0.00	49.80 2.64 0.00	45.48 2.25 0.00	40.73 1.83 0.00

NEG CENTRAL_HIGH_ACRES 23767	38.86 -2.88 0.00	37.68 -2.44 -0.12	34.96 -2.41 -0.31	33.02 -2.19 -0.39	34.95 -2.34 -0.08	35.97 -2.50 0.00	42.27 -3.18 0.00	48.43 -3.87 0.00	46.87 -3.80 0.00	45.51 -3.37 0.00	42.34 -3.23 0.00	40.90 -3.32 0.00	40.56 -3.24 0.00	40.64 -3.25 0.00	42.26 -2.99 0.00	44.13 -3.63 0.00	50.00 -3.94 0.01	57.71 -3.95 0.01	54.61 -3.24 0.00	52.22 -3.51 0.00	48.97 -3.07 0.00	44.10 -3.06 0.00	40.90 -2.34 0.00	36.96 -1.94 0.00
NEG CENTRAL___DRP 24199	40.53 -1.21 0.00	38.89 -1.24 -0.13	36.13 -1.26 -0.33	34.13 -1.11 -0.42	36.14 -1.15 -0.08	37.51 -0.96 0.00	44.36 -1.09 0.00	51.68 -1.15 -0.53	51.64 -1.22 -2.19	51.26 -1.08 -3.46	45.04 -1.09 -0.56	43.98 -1.06 -0.83	43.97 -1.18 -1.35	43.41 -1.05 -0.58	44.30 -0.95 0.00	46.66 -1.19 -0.09	55.03 -1.19 -2.28	62.55 -0.80 -1.68	56.76 -1.21 -0.13	54.78 -0.95 0.00	51.21 -0.83 0.00	46.27 -0.90 0.00	42.63 -0.61 0.00	38.47 -0.43 0.00
NEG CENTRAL___INDECK 23768	40.07 -1.67 0.00	38.62 -1.56 -0.17	35.83 -1.67 -0.44	33.92 -1.50 -0.59	35.76 -1.56 -0.11	37.24 -1.23 0.00	43.82 -1.63 0.00	56.03 -1.72 -5.45	71.07 -1.93 -22.33	82.56 -1.61 -35.29	49.57 -1.73 -5.73	50.72 -1.99 -8.49	55.72 -1.84 -13.75	47.94 -1.84 -5.90	43.62 -1.63 0.00	46.60 -2.10 -0.95	75.46 -1.73 -23.25	77.85 -0.99 -17.17	58.44 -0.69 -1.28	54.62 -1.11 0.00	51.31 -0.73 0.00	46.13 -1.04 0.00	42.89 -0.35 0.00	38.90 0.00 0.00
NEG CENTRAL___SENECA 23627	40.45 -1.29 0.00	38.75 -1.40 -0.15	36.03 -1.41 -0.38	34.02 -1.29 -0.48	36.00 -1.30 -0.09	37.47 -1.00 0.00	44.32 -1.14 0.00	51.92 -1.26 -0.87	52.88 -1.37 -3.58	53.36 -1.17 -5.66	45.26 -1.23 -0.92	44.43 -1.15 -1.36	44.65 -1.36 -2.21	43.73 -1.10 -0.95	44.25 -1.00 0.00	46.62 -1.29 -0.15	56.38 -1.29 -3.73	63.62 -0.80 -2.75	56.72 -1.33 -0.21	54.73 -1.00 0.00	51.21 -0.83 0.00	46.32 -0.85 0.00	42.76 -0.48 0.00	38.71 -0.19 0.00
NEG CENTRAL___STATE_STREET 24147	40.87 -0.88 0.00	39.25 -0.88 -0.12	36.52 -0.85 -0.31	34.46 -0.77 -0.40	36.51 -0.78 -0.08	37.81 -0.65 0.00	44.77 -0.68 0.00	51.62 -0.68 0.00	50.01 -0.66 0.00	48.39 -0.49 0.00	45.02 -0.55 0.00	43.59 -0.62 0.00	43.15 -0.66 0.00	43.27 -0.61 0.00	44.75 -0.50 0.00	46.99 -0.76 0.00	53.29 -0.65 0.00	61.42 -0.25 0.00	57.21 -0.64 0.00	55.29 -0.45 0.00	51.62 -0.42 0.00	46.60 -0.57 0.00	42.76 -0.48 0.00	38.51 -0.39 0.00
NEG MILLWOOD___DRP 24198	44.83 3.09 0.00	43.84 2.84 -1.00	42.14 2.48 -2.60	40.44 2.33 -3.27	40.38 2.53 -0.64	41.16 2.69 0.00	48.95 3.50 0.00	56.38 4.08 0.00	54.82 4.15 0.00	52.84 3.96 0.00	49.22 3.65 0.00	47.79 3.58 0.00	47.26 3.46 0.00	47.26 3.38 0.00	48.50 3.26 0.00	51.63 3.87 0.00	58.20 4.26 0.00	67.16 5.49 0.00	62.47 4.63 0.00	59.97 4.24 0.00	56.05 4.01 0.00	50.80 3.63 0.00	46.26 3.03 0.00	41.24 2.33 0.00
NEG NORTH_FLCN_SEA 23793	-6.66 -1.50 46.90	-6.81 -1.40 45.41	-6.99 -1.26 42.79	-7.10 -1.18 40.75	-6.91 -1.27 42.86	-6.79 -1.19 44.06	-6.26 -1.18 50.53	-5.77 -1.05 57.03	-6.00 -1.42 55.25	-6.13 -1.52 53.50	-6.39 -1.28 50.68	-6.51 -1.19 49.53	-6.54 -1.23 49.12	-6.53 -1.18 49.23	-6.40 -1.13 50.51	-6.23 -1.19 52.80	-5.46 -1.13 58.27	-4.94 -1.79 64.81	-4.85 -1.16 61.54	-5.48 -1.06 60.15	51.05 -0.99 0.00	46.17 -0.99 0.00	42.54 -0.69 0.00	38.51 -0.39 0.00
NEG NORTH_KES_CHATEGAY 23792	-9.76 -1.46 50.04	-9.85 -1.40 48.46	-9.83 -1.22 45.66	-9.83 -1.18 43.48	-9.82 -1.30 45.74	-9.82 -1.27 47.02	-9.74 -1.27 53.92	-9.70 -1.15 60.86	-9.76 -1.47 58.96	-9.77 -1.56 57.09	-9.83 -1.32 54.08	-9.84 -1.19 52.85	-9.80 -1.18 52.42	-9.79 -1.14 52.54	-9.83 -1.18 53.90	-9.83 -1.24 56.34	-9.48 -1.24 62.18	-9.35 -1.85 69.16	-9.04 -1.21 65.67	-9.69 -1.23 64.19	50.95 -1.09 0.00	46.08 -1.08 0.00	42.41 -0.82 0.00	38.40 -0.51 0.00
NEG NORTH___ALICE_FALLS 23915	-6.82 -1.17 47.40	-6.97 -1.08 45.89	-7.11 -0.93 43.24	-7.26 -0.91 41.18	-7.07 -0.97 43.32	-6.91 -0.85 44.53	-6.34 -0.73 51.07	-5.81 -0.47 57.64	-6.09 -0.91 55.84	-6.21 -1.03 54.07	-6.47 -0.82 51.22	-6.60 -0.75 50.06	-6.58 -0.74 49.64	-6.57 -0.70 49.76	-6.48 -0.68 51.05	-6.27 -0.67 53.36	-5.49 -0.54 58.89	-4.89 -1.05 65.51	-4.82 -0.46 62.20	-5.51 -0.45 60.79	51.52 -0.52 0.00	46.60 -0.57 0.00	42.84 -0.39 0.00	38.79 -0.12 0.00
NEG NORTH___LWR_SARANAC 23913	-6.82 -1.17 47.40	-6.97 -1.08 45.89	-7.11 -0.93 43.24	-7.26 -0.91 41.18	-7.07 -0.97 43.32	-6.91 -0.85 44.53	-6.34 -0.73 51.07	-5.81 -0.47 57.64	-6.09 -0.91 55.84	-6.21 -1.03 54.07	-6.47 -0.82 51.22	-6.60 -0.75 50.06	-6.58 -0.74 49.64	-6.57 -0.70 49.76	-6.48 -0.68 51.05	-6.27 -0.67 53.36	-5.49 -0.54 58.89	-4.89 -1.05 65.51	-4.82 -0.46 62.20	-5.51 -0.45 60.79	51.52 -0.52 0.00	46.60 -0.57 0.00	42.84 -0.39 0.00	38.79 -0.12 0.00
NEG NORTH___PLATTSBURG 23628	-6.87 -1.21 47.40	-6.97 -1.08 45.89	-7.11 -0.92 43.24	-7.26 -0.91 41.18	-7.07 -0.97 43.32	-6.91 -0.85 44.53	-6.39 -0.77 51.07	-5.81 -0.47 57.64	-6.08 -0.91 55.84	-6.22 -1.03 54.07	-6.47 -0.82 51.22	-6.60 -0.75 50.06	-6.58 -0.74 49.64	-6.58 -0.70 49.76	-6.48 -0.68 51.05	-6.27 -0.67 53.36	-5.71 -0.76 58.89	-5.13 -1.30 65.51	-5.39 -1.04 62.20	-5.57 -0.50 60.79	51.52 -0.52 0.00	46.60 -0.56 0.00	42.84 -0.39 0.00	38.79 -0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	37.78 -3.97 0.00	36.25 -3.88 -0.13	33.56 -3.82 -0.32	31.87 -3.45 -0.49	33.54 -3.76 -0.08	34.89 -3.58 0.00	40.41 -5.05 0.00	45.05 -5.96 1.29	39.50 -5.93 5.24	35.27 -5.33 8.28	39.25 -4.97 1.35	37.26 -4.95 2.00	35.75 -4.82 3.23	37.62 -4.87 1.39	40.54 -4.71 0.00	41.61 -5.92 0.23	42.28 -6.20 5.45	51.16 -6.48 4.03	50.48 -7.06 0.31	49.76 -5.96 0.01	46.89 -5.15 0.00	42.12 -5.05 0.00	39.99 -3.24 0.00	36.61 -2.30 0.00
NEG WEST___LANCASTR 23811	38.86 -2.88 0.00	35.07 -5.08 -0.15	32.54 -4.89 -0.38	30.90 -4.49 -0.57	32.55 -4.76 -0.10	35.93 -2.54 0.00	41.82 -3.64 0.00	47.95 -2.98 1.37	41.98 -3.09 5.60	37.45 -2.59 8.84	41.72 -2.42 1.44	39.61 -2.48 2.13	37.99 -2.37 3.45	39.99 -2.41 1.48	41.54 -3.71 0.00	44.56 -2.96 0.24	45.24 -3.02 5.68	54.63 -2.84 4.20	53.99 -3.53 0.33	51.38 -4.35 0.01	48.24 -3.80 0.00	43.34 -3.82 0.00	41.03 -2.20 0.00	37.89 -1.01 0.00
NEG_PENN_ALLEGHNY 23528	41.53 -0.21 0.00	39.82 -0.52 -0.34	37.42 -0.52 -0.88	35.54 -0.42 -1.13	36.99 -0.44 -0.22	38.35 -0.12 0.00	45.36 -0.09 0.00	52.70 0.16 -0.24	51.70 0.05 -0.98	50.62 0.20 -1.54	45.91 0.09 -0.25	44.58 0.00 -0.37	44.40 0.00 -0.60	44.19 0.04 -0.26	45.16 -0.09 0.00	47.70 -0.10 -0.04	55.30 0.33 -1.03	63.23 0.80 -0.76	58.31 0.41 -0.06	55.84 0.11 0.00	52.20 0.16 0.00	47.12 -0.05 0.00	43.36 0.13 0.00	39.14 0.23 0.00
NEG___GEN_MONROE 24207	39.11 -2.63 0.00	37.97 -2.16 -0.12	35.23 -2.15 -0.32	33.29 -1.95 -0.41	35.17 -2.12 -0.08	36.24 -2.23 0.00	42.27 -3.18 0.00	48.15 -3.92 0.23	45.88 -3.85 0.93	43.88 -3.52 1.48	42.00 -3.33 0.24	40.54 -3.32 0.36	39.90 -3.33 0.58	40.21 -3.42 0.25	42.30 -2.94 0.00	43.71 -4.01 0.04	48.75 -4.21 0.98	56.81 -4.13 0.72	53.34 -4.45 0.05	52.22 -3.51 0.00	48.92 -3.12 0.00	44.10 -3.07 0.00	41.16 -2.08 0.00	37.35 -1.56 0.00

NEPA___ENERGY 23901	37.99 -3.76 0.00	35.82 -4.32 -0.14	33.22 -4.19 -0.35	31.58 -3.80 -0.54	33.21 -4.09 -0.09	35.12 -3.35 0.00	40.73 -4.73 0.00	45.29 -5.23 1.79	38.15 -5.22 7.30	32.75 -4.59 11.53	39.46 -4.24 1.87	37.19 -4.24 2.78	35.15 -4.16 4.50	37.79 -4.17 1.93	40.95 -4.30 0.00	42.48 -4.97 0.31	41.39 -5.18 7.38	50.97 -5.24 5.45	51.70 -5.73 0.42	50.82 -4.90 0.01	47.88 -4.16 0.00	43.06 -4.10 0.00	40.86 -2.38 0.00	37.46 -1.44 0.00
NEVERSink___HYD 23608	44.71 2.96 0.00	43.58 2.68 -0.90	41.77 2.37 -2.34	40.07 2.30 -2.94	40.24 2.46 -0.57	41.01 2.54 0.00	48.63 3.18 0.00	55.81 3.50 0.00	54.27 3.60 0.00	52.20 3.33 0.00	48.62 3.05 0.00	47.18 2.96 0.00	46.65 2.85 0.00	46.73 2.85 0.00	48.05 2.81 0.00	51.15 3.39 0.00	58.09 4.15 0.00	67.03 5.36 0.00	62.71 4.86 0.00	59.75 4.01 0.00	55.74 3.70 0.00	50.56 3.40 0.00	46.00 2.77 0.00	41.20 2.29 0.00
NEWKRMKL_115KV_TB1 55635	43.58 1.84 0.00	43.07 1.76 -1.30	42.04 1.59 -3.39	40.59 1.50 -4.26	39.64 1.60 -0.83	40.12 1.65 0.00	47.18 1.73 0.00	53.82 1.52 0.00	52.24 1.57 0.00	50.39 1.52 0.00	46.75 1.18 0.00	45.36 1.15 0.00	44.90 1.10 0.00	45.02 1.14 0.00	46.33 1.09 0.00	49.05 1.29 0.00	55.34 1.40 0.00	63.58 1.91 0.00	59.41 1.56 0.00	57.01 1.28 0.00	53.19 1.14 0.00	48.25 1.08 0.00	44.18 0.95 0.00	39.91 1.01 0.00
NEWTON___FALLS_HYD 23847	62.00 -1.00 -21.26	59.50 -1.12 -20.62	55.62 -0.93 -19.49	52.58 -0.84 -18.59	55.81 -0.86 -19.45	57.79 -0.65 -19.97	68.08 -0.27 -22.90	78.73 0.58 -25.85	75.61 -0.10 -25.05	73.18 0.05 -24.25	68.31 -0.23 -22.97	66.49 -0.18 -22.45	65.76 -0.31 -22.26	65.94 -0.26 -22.32	68.10 -0.05 -22.90	71.55 -0.14 -23.93	80.95 0.59 -26.41	91.79 0.74 -29.38	86.50 0.75 -27.90	83.67 0.67 -27.27	52.51 0.47 0.00	47.16 0.00 0.00	42.93 -0.30 0.00	38.44 -0.47 0.00
NGRID_A1_DSASP 323792	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.23 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.39 -4.08 0.00	39.68 -5.77 0.00	44.11 -6.85 1.34	38.63 -6.74 5.30	34.45 -6.06 8.37	38.41 -5.79 1.37	36.26 -5.92 2.03	34.88 -5.65 3.27	36.81 -5.66 1.41	39.27 -5.97 0.00	40.51 -7.02 0.23	41.12 -7.28 5.54	49.62 -7.95 4.09	50.47 -7.06 0.31	48.31 -7.41 0.01	45.69 -6.35 0.00	40.99 -6.18 0.00	39.12 -4.11 0.00	35.87 -3.03 0.00
NGRID_A2_DSASP 323793	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.23 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.39 -4.08 0.00	39.68 -5.77 0.00	44.11 -6.85 1.34	38.63 -6.74 5.30	34.45 -6.06 8.37	38.41 -5.79 1.37	36.26 -5.92 2.03	34.88 -5.65 3.27	36.81 -5.66 1.41	39.27 -5.97 0.00	40.51 -7.02 0.23	41.12 -7.28 5.54	49.62 -7.95 4.09	50.47 -7.06 0.31	48.31 -7.41 0.01	45.69 -6.35 0.00	40.99 -6.18 0.00	39.12 -4.11 0.00	35.87 -3.03 0.00
NGRID_A4_DSASP 323807	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.23 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.39 -4.08 0.00	39.68 -5.77 0.00	44.11 -6.85 1.34	38.63 -6.74 5.30	34.45 -6.06 8.37	38.41 -5.79 1.37	36.26 -5.92 2.03	34.88 -5.65 3.27	36.81 -5.66 1.41	39.27 -5.97 0.00	40.51 -7.02 0.23	41.12 -7.28 5.54	49.62 -7.95 4.09	50.47 -7.06 0.31	48.31 -7.41 0.01	45.69 -6.35 0.00	40.99 -6.18 0.00	39.12 -4.11 0.00	35.87 -3.03 0.00
NIAGARA_115E_LBMP 323715	36.90 -4.84 0.00	35.49 -4.64 -0.13	32.89 -4.49 -0.32	31.26 -4.08 -0.50	32.87 -4.43 -0.08	34.20 -4.27 0.00	39.50 -5.95 0.00	44.05 -6.96 1.30	38.51 -6.89 5.27	34.35 -6.21 8.32	38.28 -5.92 1.37	36.18 -6.01 2.02	34.81 -5.74 3.25	36.69 -5.79 1.41	39.09 -6.15 0.00	40.36 -7.16 0.24	40.96 -7.44 5.53	49.63 -7.95 4.09	50.30 -7.23 0.32	48.15 -7.58 0.01	45.53 -6.51 0.00	40.85 -6.32 0.00	38.95 -4.28 0.00	35.71 -3.19 0.00
NIAGARA_115W_LBMP 323714	37.03 -4.72 0.00	35.73 -4.40 -0.12	33.06 -4.30 -0.31	31.50 -3.83 -0.50	33.05 -4.24 -0.08	34.31 -4.16 0.00	39.63 -5.82 0.00	44.12 -6.85 1.33	38.61 -6.79 5.27	34.44 -6.11 8.32	38.37 -5.83 1.37	36.27 -5.92 2.02	34.90 -5.65 3.25	36.77 -5.70 1.41	39.18 -6.06 0.00	40.41 -7.12 0.23	41.07 -7.34 5.53	49.56 -8.02 4.09	50.36 -7.18 0.31	48.20 -7.52 0.01	45.59 -6.45 0.00	40.89 -6.27 0.00	39.04 -4.19 0.00	35.79 -3.11 0.00
NIAGARA_230_LBMP 323716	37.40 -4.34 0.00	36.04 -4.08 -0.12	33.35 -4.00 -0.29	31.70 -3.62 -0.49	33.35 -3.95 -0.08	34.66 -3.81 0.00	40.09 -5.36 0.00	44.22 -6.80 1.28	38.68 -6.74 5.25	34.51 -6.06 8.30	38.44 -5.79 1.35	36.34 -5.88 2.00	34.92 -5.65 3.23	36.84 -5.66 1.38	39.63 -5.61 0.00	40.95 -6.59 0.22	41.20 -7.23 5.51	49.89 -7.71 4.07	50.95 -6.60 0.30	48.76 -6.97 0.01	46.11 -5.93 0.00	41.36 -5.80 0.00	39.38 -3.85 0.00	36.10 -2.80 0.00
NIAGARA___115KV_198_GIBSON 55903	37.03 -4.72 0.00	35.73 -4.40 -0.12	33.06 -4.30 -0.31	31.50 -3.83 -0.50	33.05 -4.24 -0.08	34.20 -4.27 0.00	39.54 -5.91 0.00	44.12 -6.85 1.33	38.61 -6.79 5.27	34.35 -6.21 8.32	38.37 -5.83 1.37	36.45 -5.75 2.02	34.94 -5.61 3.25	36.82 -5.66 1.41	39.54 -5.70 0.00	40.36 -7.16 0.23	41.02 -7.39 5.53	49.63 -7.96 4.09	48.80 -8.73 0.31	48.42 -7.30 0.01	45.59 -6.45 0.00	40.99 -6.18 0.00	39.04 -4.19 0.00	35.79 -3.11 0.00
NIAGARA___ 23760	37.40 -4.34 0.00	36.05 -4.08 -0.12	33.37 -4.00 -0.31	31.71 -3.62 -0.50	33.35 -3.95 -0.08	34.66 -3.81 0.00	40.09 -5.36 0.00	44.22 -6.80 1.28	38.68 -6.74 5.25	34.51 -6.06 8.31	38.43 -5.79 1.35	36.33 -5.88 2.00	34.92 -5.65 3.24	36.84 -5.66 1.39	39.63 -5.61 0.00	40.94 -6.59 0.23	41.20 -7.23 5.52	49.89 -7.71 4.07	50.95 -6.60 0.30	48.76 -6.97 0.01	46.11 -5.93 0.00	41.36 -5.80 0.00	39.38 -3.85 0.00	36.10 -2.80 0.00
NINE_MILE_1 23575	39.99 -1.75 0.00	38.42 -1.64 -0.06	35.66 -1.55 -0.15	33.59 -1.43 -0.19	35.72 -1.53 -0.04	36.89 -1.58 0.00	43.59 -1.87 0.00	50.11 -2.19 0.00	48.54 -2.13 0.00	46.92 -1.96 0.00	43.70 -1.87 0.00	42.31 -1.90 0.00	41.96 -1.84 0.00	42.04 -1.84 0.00	43.43 -1.81 0.00	45.75 -2.00 0.00	51.78 -2.16 0.00	59.39 -2.28 0.00	55.77 -2.08 0.00	53.56 -2.17 0.00	50.01 -2.03 0.00	45.23 -1.94 0.00	41.55 -1.69 0.00	37.42 -1.48 0.00
NINE_MILE_2 23744	39.99 -1.75 0.00	38.42 -1.64 -0.06	35.66 -1.55 -0.15	33.59 -1.43 -0.19	35.72 -1.53 -0.04	36.89 -1.58 0.00	43.59 -1.87 0.00	50.11 -2.19 0.00	48.54 -2.13 0.00	46.92 -1.96 0.00	43.70 -1.87 0.00	42.36 -1.86 0.00	41.96 -1.84 0.00	42.04 -1.84 0.00	43.43 -1.81 0.00	45.75 -2.00 0.00	51.78 -2.16 0.00	59.39 -2.28 0.00	55.77 -2.08 0.00	53.56 -2.17 0.00	50.01 -2.03 0.00	45.23 -1.94 0.00	41.55 -1.69 0.00	37.42 -1.48 0.00
NM_CAPITAL___DRP 24208	43.66 1.92 0.00	43.14 1.84 -1.30	42.11 1.67 -3.38	40.62 1.53 -4.25	39.68 1.64 -0.83	40.20 1.73 0.00	47.32 1.86 0.00	54.03 1.73 0.00	52.44 1.77 0.00	50.59 1.71 0.00	46.98 1.41 0.00	45.58 1.37 0.00	45.12 1.31 0.00	45.20 1.32 0.00	46.56 1.31 0.00	49.24 1.48 0.00	55.61 1.67 0.00	63.89 2.22 0.00	59.64 1.79 0.00	57.24 1.50 0.00	53.39 1.35 0.00	48.49 1.32 0.00	44.36 1.12 0.00	39.99 1.09 0.00

NM_CENTRAL___DRP 24181	40.74 -1.00 0.00	39.14 -0.96 -0.09	36.37 -0.93 -0.24	34.29 -0.84 -0.30	36.42 -0.86 -0.06	37.62 -0.85 0.00	44.50 -0.95 0.00	51.31 -0.99 0.00	49.71 -0.96 0.00	48.05 -0.83 0.00	44.75 -0.82 0.00	43.33 -0.88 0.00	42.93 -0.88 0.00	43.01 -0.88 0.00	44.43 -0.81 0.00	46.71 -1.05 0.00	52.92 -1.02 0.00	60.80 -0.86 0.00	56.69 -1.16 0.00	54.73 -1.00 0.00	51.10 -0.94 0.00	46.22 -0.94 0.00	42.45 -0.78 0.00	38.24 -0.66 0.00
NM_FRONTIER___DRP 24179	37.03 -4.72 0.00	35.73 -4.40 -0.12	33.06 -4.30 -0.31	31.50 -3.83 -0.50	33.05 -4.24 -0.08	34.20 -4.27 0.00	39.54 -5.91 0.00	44.12 -6.85 1.33	38.61 -6.79 5.27	34.35 -6.21 8.32	38.37 -5.83 1.37	36.45 -5.75 2.02	34.94 -5.61 3.25	36.82 -5.66 1.41	39.54 -5.70 0.00	40.36 -7.16 0.23	41.02 -7.39 5.53	49.63 -7.96 4.09	48.80 -8.73 0.31	48.42 -7.30 0.01	45.59 -6.45 0.00	40.99 -6.18 0.00	39.04 -4.19 0.00	35.79 -3.11 0.00
NM_ST_REGIS___HYD 24053	77.44 -0.88 -36.57	74.48 -0.96 -35.44	69.72 -0.78 -33.44	66.00 -0.70 -31.86	69.95 -0.71 -33.44	72.37 -0.46 -34.36	84.86 0.00 -39.41	97.66 0.89 -44.47	93.91 0.15 -43.09	90.74 0.15 -41.72	85.14 0.05 -39.52	82.93 0.09 -38.63	82.06 -0.04 -38.31	82.32 0.04 -38.39	84.82 0.18 -39.39	89.08 0.14 -41.17	100.30 0.92 -45.44	113.14 0.93 -50.55	106.94 1.10 -47.99	103.64 1.00 -46.91	52.87 0.83 0.00	47.49 0.33 0.00	43.32 0.09 0.00	38.94 0.04 0.00
NORTHPORT___1 23551	45.45 3.71 0.00	43.87 2.88 -0.98	42.03 2.41 -2.57	40.25 2.20 -3.23	40.37 2.53 -0.63	41.55 3.08 0.00	49.45 4.00 0.00	57.38 5.07 -0.01	55.90 5.22 -0.01	53.77 4.89 0.00	50.13 4.56 0.00	49.08 4.86 0.00	48.44 4.64 0.00	48.45 4.56 0.00	49.68 4.44 0.00	52.68 4.92 0.00	59.87 5.93 0.00	69.19 7.52 0.00	64.55 6.71 0.00	60.75 5.02 0.00	56.83 4.78 0.00	51.98 4.81 0.00	46.39 3.15 0.00	41.39 2.49 0.00
NORTHPORT___2 23552	45.45 3.71 0.00	43.87 2.88 -0.98	42.03 2.41 -2.57	40.25 2.20 -3.23	40.37 2.53 -0.63	41.55 3.08 0.00	49.45 4.00 0.00	57.38 5.07 -0.01	55.90 5.22 -0.01	53.77 4.89 0.00	50.13 4.56 0.00	49.08 4.86 0.00	48.44 4.64 0.00	48.45 4.56 0.00	49.68 4.44 0.00	52.68 4.92 0.00	59.87 5.93 0.00	69.19 7.52 0.00	64.55 6.71 0.00	60.75 5.02 0.00	56.83 4.78 0.00	51.98 4.81 0.00	46.39 3.15 0.00	41.39 2.49 0.00
NORTHPORT___3 23553	44.71 2.96 0.00	43.19 2.20 -0.98	41.44 1.82 -2.57	39.70 1.64 -3.23	39.70 1.86 -0.63	40.78 2.31 0.00	48.55 3.09 0.00	56.23 3.92 -0.01	54.88 4.20 -0.01	52.89 4.01 0.00	49.40 3.83 0.00	48.33 4.11 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.87 4.11 0.00	58.63 4.69 0.00	67.40 5.74 0.00	62.94 5.09 0.00	59.30 3.57 0.00	55.84 3.80 0.00	51.17 4.01 0.00	45.70 2.46 0.00	40.73 1.83 0.00
NORTHPORT___4 23650	44.71 2.96 0.00	43.19 2.20 -0.98	41.44 1.82 -2.57	39.70 1.64 -3.23	39.70 1.86 -0.63	40.78 2.31 0.00	48.55 3.09 0.00	56.23 3.92 -0.01	54.88 4.20 -0.01	52.89 4.01 0.00	49.40 3.83 0.00	48.33 4.11 0.00	47.70 3.90 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.87 4.11 0.00	58.63 4.69 0.00	67.40 5.74 0.00	62.94 5.09 0.00	59.30 3.57 0.00	55.84 3.80 0.00	51.17 4.01 0.00	45.70 2.46 0.00	40.73 1.83 0.00
NORTHPORT___IC 23718	45.37 3.63 0.00	43.87 2.88 -0.98	42.03 2.41 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	41.55 3.08 0.00	49.41 3.95 0.00	57.33 5.02 -0.01	55.89 5.22 -0.01	53.77 4.89 0.00	49.85 4.28 0.00	48.63 4.42 0.00	48.05 4.25 0.00	48.10 4.21 0.00	49.23 3.98 0.00	52.20 4.44 0.00	58.58 4.64 0.00	67.77 6.11 0.00	62.76 4.92 0.00	59.69 3.96 0.00	56.41 4.37 0.00	51.41 4.24 0.00	46.39 3.16 0.00	41.39 2.49 0.00
NORTH___COUNTRY_ESR 323785	-10.00 -1.63 50.11	-10.00 -1.48 48.53	-10.00 -1.33 45.72	-10.00 -1.29 43.54	-10.00 -1.41 45.80	-10.00 -1.38 47.09	-10.00 -1.46 54.00	-10.00 -1.36 60.94	-10.00 -1.62 59.05	-10.00 -1.71 57.17	-10.00 -1.41 54.16	-10.00 -1.28 52.93	-10.00 -1.31 52.49	-10.00 -1.27 52.61	-10.00 -1.27 53.98	-10.00 -1.34 56.42	-10.00 -1.67 62.27	-10.00 -2.41 69.26	-10.00 -2.08 65.77	-10.00 -1.45 64.28	50.74 -1.30 0.00	45.94 -1.23 0.00	42.24 -0.99 0.00	38.24 -0.66 0.00
NPX_GEN_1385_PROXY 323591	45.75 4.01 0.00	44.11 3.12 -0.98	42.29 2.67 -2.57	40.50 2.44 -3.23	40.89 3.05 -0.63	42.35 3.88 0.00	50.41 4.96 0.00	58.48 6.17 -0.01	56.60 5.93 -0.01	54.06 5.18 0.00	49.94 4.38 0.00	49.03 4.82 0.00	48.40 4.60 0.00	48.41 4.52 0.00	49.63 4.39 0.00	52.68 4.92 0.00	59.87 5.93 0.00	69.07 7.40 0.00	64.55 6.71 0.00	60.41 4.68 0.00	56.46 4.42 0.00	51.98 4.81 0.00	46.35 3.11 0.00	41.39 2.49 0.00
NPX_GEN_CSC 323557	45.87 4.13 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.81 3.35 0.00	49.82 4.36 0.00	57.91 5.60 -0.01	56.55 5.87 -0.01	54.35 5.47 0.00	50.76 5.19 0.00	49.69 5.48 0.00	49.01 5.21 0.00	48.97 5.09 0.00	50.22 4.98 0.00	53.30 5.54 0.00	60.79 6.85 0.00	70.49 8.82 0.00	65.83 7.99 0.00	61.86 6.13 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
NSINS_S___GLNS_FALLS 23858	43.66 1.92 0.00	43.25 1.92 -1.33	42.15 1.63 -3.46	40.64 1.46 -4.35	39.62 1.56 -0.85	40.31 1.85 0.00	47.91 2.45 0.00	54.97 2.67 0.00	53.46 2.79 0.00	51.42 2.54 0.00	47.67 2.10 0.00	46.20 1.99 0.00	45.69 1.88 0.00	45.81 1.93 0.00	47.24 1.99 0.00	50.10 2.34 0.00	56.64 2.70 0.00	65.18 3.52 0.00	60.91 3.07 0.00	58.46 2.73 0.00	54.49 2.45 0.00	49.33 2.17 0.00	44.92 1.69 0.00	40.26 1.36 0.00
NUCOR_STEEL___DRP 24197	40.91 -0.83 0.00	39.32 -0.80 -0.11	36.58 -0.78 -0.30	34.51 -0.70 -0.37	36.58 -0.71 -0.07	37.81 -0.65 0.00	44.77 -0.68 0.00	51.57 -0.73 0.00	49.96 -0.71 0.00	48.29 -0.59 0.00	44.93 -0.64 0.00	43.55 -0.66 0.00	43.10 -0.70 0.00	43.18 -0.70 0.00	44.66 -0.59 0.00	46.99 -0.76 0.00	53.29 -0.65 0.00	61.36 -0.31 0.00	57.15 -0.69 0.00	55.29 -0.45 0.00	51.57 -0.47 0.00	46.60 -0.57 0.00	42.80 -0.43 0.00	38.55 -0.35 0.00
NUMBER_THREE_WT_PWR 323818	50.57 -0.42 -9.25	48.48 -0.52 -8.99	45.15 -0.44 -8.54	42.65 -0.35 -8.16	45.36 -0.34 -8.48	46.97 -0.19 -8.69	55.55 0.14 -9.96	64.33 0.79 -11.25	61.92 0.36 -10.90	59.92 0.49 -10.55	55.75 0.18 -9.99	54.16 0.18 -9.77	53.58 0.09 -9.69	53.73 0.13 -9.71	55.53 0.32 -9.96	58.41 0.24 -10.41	66.29 0.86 -11.49	75.68 1.23 -12.78	71.14 1.16 -12.14	68.54 0.95 -11.86	52.77 0.73 0.00	47.50 0.33 0.00	43.28 0.04 0.00	38.75 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	41.74 0.00 0.00	40.01 0.00 0.00	37.06 0.00 0.00	34.83 0.00 0.00	37.21 0.00 0.00	38.47 0.00 0.00	45.45 0.00 0.00	52.30 0.00 0.00	50.67 0.00 0.00	48.88 0.00 0.00	45.57 0.00 0.00	44.21 0.00 0.00	43.80 0.00 0.00	43.88 0.00 0.00	45.25 0.00 0.00	47.76 0.00 0.00	53.94 0.00 0.00	61.67 0.00 0.00	57.85 0.00 0.00	55.73 0.00 0.00	52.04 0.00 0.00	47.16 0.00 0.00	43.23 0.00 0.00	38.90 0.00 0.00

NYPA_BRENTWD____GT 24164	45.75	44.11	42.29	40.46	40.60	41.74	49.77	57.75	56.35	54.21	50.63	49.52	48.88	48.88	50.13	53.15	60.46	69.99	65.31	61.47	57.45	52.49	46.78	41.70
	4.01	3.12	2.67	2.40	2.75	3.27	4.32	5.44	5.67	5.33	5.06	5.30	5.08	5.00	4.89	5.40	6.52	8.32	7.47	5.74	5.41	5.33	3.55	2.80
	0.00	-0.98	-2.57	-3.23	-0.63	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT5 24156	45.04	43.71	41.96	40.39	40.30	40.97	48.50	55.44	54.21	52.50	48.99	47.75	47.26	47.31	48.59	51.24	57.77	66.54	62.01	58.91	55.06	50.33	45.83	40.92
	3.30	2.72	2.34	2.33	2.46	2.50	3.05	3.14	3.55	3.62	3.42	3.54	3.46	3.43	3.35	3.48	3.83	4.87	4.17	3.18	3.02	3.16	2.59	2.02
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	45.04	43.71	41.96	40.39	40.30	40.97	48.50	55.44	54.21	52.50	48.99	47.75	47.26	47.31	48.59	51.24	57.77	66.54	62.01	58.91	55.06	50.33	45.83	40.92
	3.30	2.72	2.34	2.33	2.46	2.50	3.05	3.14	3.55	3.62	3.42	3.54	3.46	3.43	3.35	3.48	3.83	4.87	4.17	3.18	3.02	3.16	2.59	2.02
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	44.96	43.59	41.81	40.26	40.19	40.78	48.13	55.22	53.95	52.24	48.62	47.39	46.91	46.95	48.18	50.85	57.39	66.04	61.54	58.51	54.69	49.94	45.39	40.53
	3.21	2.60	2.19	2.20	2.35	2.31	2.68	2.93	3.29	3.37	3.05	3.19	3.11	3.07	2.94	3.10	3.46	4.38	3.71	2.79	2.65	2.78	2.16	1.63
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA_HARLEM__RVR__GT2 24161	44.96	43.59	41.81	40.26	40.19	40.78	48.13	55.22	53.95	52.24	48.62	47.39	46.91	46.95	48.18	50.85	57.39	66.04	61.54	58.51	54.69	49.94	45.39	40.53
	3.21	2.60	2.19	2.20	2.35	2.31	2.68	2.93	3.29	3.37	3.05	3.19	3.11	3.07	2.94	3.10	3.46	4.38	3.71	2.79	2.65	2.78	2.16	1.63
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA_KENT____GT 24152	45.00	43.67	41.96	40.36	40.30	40.97	48.50	55.54	54.27	52.55	48.99	47.75	47.26	47.31	48.59	51.24	57.83	66.54	62.07	58.96	55.11	50.33	45.78	40.92
	3.26	2.68	2.34	2.30	2.46	2.50	3.05	3.24	3.60	3.67	3.42	3.54	3.46	3.43	3.35	3.48	3.89	4.87	4.22	3.23	3.07	3.16	2.55	2.02
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	45.12	43.79	42.00	40.43	40.37	41.01	48.55	55.23	54.01	52.35	48.89	47.70	47.22	47.26	48.55	51.10	57.56	66.30	61.78	58.74	54.85	50.28	45.87	40.96
	3.38	2.80	2.37	2.37	2.53	2.54	3.09	2.93	3.34	3.47	3.32	3.49	3.42	3.38	3.30	3.34	3.61	4.63	3.94	3.01	2.81	3.11	2.64	2.06
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	44.91	43.63	41.92	40.32	40.26	40.93	48.45	55.65	54.32	52.55	48.99	47.70	47.22	47.26	48.55	51.24	57.83	66.54	62.01	58.96	55.11	50.33	45.74	40.85
	3.17	2.64	2.30	2.26	2.42	2.46	3.00	3.35	3.65	3.67	3.42	3.49	3.42	3.38	3.30	3.48	3.89	4.87	4.17	3.23	3.07	3.16	2.51	1.94
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	44.91	43.63	41.92	40.32	40.26	40.93	48.45	55.65	54.32	52.55	48.99	47.70	47.22	47.26	48.55	51.24	57.83	66.54	62.01	58.96	55.11	50.33	45.74	40.85
	3.17	2.64	2.30	2.26	2.42	2.46	3.00	3.35	3.65	3.67	3.42	3.49	3.42	3.38	3.30	3.48	3.89	4.87	4.17	3.23	3.07	3.16	2.51	1.94
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC1 323568	44.87	43.59	41.88	40.29	40.19	40.89	48.36	55.54	54.21	52.44	48.89	47.62	47.13	47.18	48.46	51.15	57.66	66.42	61.89	58.79	55.01	50.19	45.65	40.77
	3.13	2.60	2.26	2.23	2.35	2.42	2.91	3.24	3.55	3.57	3.32	3.40	3.33	3.29	3.21	3.39	3.72	4.75	4.05	3.06	2.96	3.02	2.42	1.87
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	44.91	43.63	41.88	40.32	40.23	40.89	48.36	55.54	54.21	52.50	48.89	47.62	47.13	47.18	48.46	51.15	57.66	66.42	61.89	58.79	55.01	50.19	45.65	40.81
	3.17	2.64	2.26	2.26	2.38	2.42	2.91	3.24	3.55	3.62	3.32	3.40	3.33	3.29	3.21	3.39	3.72	4.75	4.05	3.06	2.96	3.02	2.42	1.91
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	45.54	43.91	42.07	40.29	40.37	41.55	49.45	57.44	56.04	53.91	50.35	49.25	48.58	48.58	49.81	52.87	60.14	69.63	64.96	61.14	57.14	52.16	46.52	41.47
	3.80	2.92	2.45	2.23	2.53	3.08	4.00	5.13	5.37	5.04	4.78	5.04	4.78	4.70	4.57	5.11	6.20	7.96	7.11	5.40	5.10	5.00	3.28	2.57
	0.00	-0.98	-2.57	-3.23	-0.63	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT1 24158	44.96	43.59	41.81	40.26	40.19	40.78	48.13	55.22	53.95	52.24	48.62	47.39	46.91	46.95	48.18	50.85	57.39	66.04	61.54	58.51	54.69	49.94	45.39	40.53
	3.21	2.60	2.19	2.20	2.35	2.31	2.68	2.93	3.29	3.37	3.05	3.19	3.11	3.07	2.94	3.10	3.46	4.38	3.71	2.79	2.65	2.78	2.16	1.63
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYPA__HELLGATE_GT2 24159	44.96	43.59	41.81	40.26	40.19	40.78	48.13	55.22	53.95	52.24	48.62	47.39	46.91	46.95	48.18	50.85	57.39	66.04	61.54	58.51	54.69	49.94	45.39	40.53
	3.21	2.60	2.19	2.20	2.35	2.31	2.68	2.93	3.29	3.37	3.05	3.19	3.11	3.07	2.94	3.10	3.46	4.38	3.71	2.79	2.65	2.78	2.16	1.63
	0.00	-0.99	-2.57	-3.23	-0.63	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYS_BARGE__HYD 23848	37.82	36.29	33.60	31.90	33.58	35.04	40.54	45.30	40.06	36.16	39.49	37.37	36.05	37.82	40.27	41.72	42.81	51.60	51.95	49.76	46.99	42.16	40.03	36.64
	-3.93	-3.84	-3.78	-3.41	-3.72	-3.42	-4.91	-5.81	-5.78	-5.08	-4.83	-5.00	-4.77	-4.78	-4.98	-5.83	-6.10	-6.35	-5.61	-5.96	-5.05	-5.00	-3.20	-2.26
	0.00	-0.13	-0.32	-0.48	-0.08	0.00	0.00	1.19	4.83	7.64	1.25	1.84	2.98	1.28	0.00	0.21	5.03	3.72	0.29	0.00	0.00	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	39.15 -2.59 0.00	38.05 -2.08 -0.12	35.27 -2.11 -0.32	33.35 -1.88 -0.40	35.25 -2.05 -0.08	36.28 -2.19 0.00	42.45 -3.00 0.00	48.43 -3.87 0.00	46.88 -3.80 -0.01	45.52 -3.37 -0.01	42.38 -3.19 0.00	40.94 -3.27 0.00	40.65 -3.15 -0.01	40.68 -3.20 0.00	42.40 -2.85 0.00	44.18 -3.58 0.00	50.01 -3.94 0.00	57.79 -3.88 0.00	54.84 -3.01 0.00	52.33 -3.40 0.00	49.13 -2.91 0.00	44.24 -2.92 0.00	41.20 -2.03 0.00	37.31 -1.60 0.00
OAKDALE___35_KV_LOAD 356122	41.45 -0.29 0.00	39.82 -0.52 -0.34	37.41 -0.52 -0.88	35.49 -0.45 -1.12	36.98 -0.45 -0.21	38.28 -0.19 0.00	45.23 -0.23 0.00	52.55 0.00 -0.25	51.65 -0.05 -1.03	50.56 0.05 -1.63	45.79 -0.05 -0.26	44.52 -0.09 -0.39	44.35 -0.09 -0.63	44.07 -0.09 -0.27	45.06 -0.18 0.00	47.66 -0.14 -0.04	55.03 0.00 -1.09	62.97 0.49 -0.81	57.91 0.00 -0.06	55.67 -0.06 0.00	52.04 0.00 0.00	47.02 -0.14 0.00	43.28 0.04 0.00	39.06 0.16 0.00
OCC_CHEM___DRP 24175	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.22 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.28 -4.19 0.00	39.59 -5.86 0.00	44.16 -6.80 1.34	38.63 -6.74 5.30	34.35 -6.16 8.37	38.41 -5.79 1.37	36.48 -5.70 2.03	34.97 -5.56 3.27	36.85 -5.62 1.41	39.64 -5.61 0.00	40.46 -7.07 0.23	41.12 -7.28 5.54	49.68 -7.89 4.09	48.91 -8.62 0.31	48.48 -7.25 0.01	45.69 -6.35 0.00	41.08 -6.08 0.00	39.13 -4.11 0.00	35.87 -3.03 0.00
OH_GEN_PROXY 24063	37.44 -4.30 0.00	36.05 -4.08 -0.13	33.41 -3.96 -0.32	31.74 -3.59 -0.49	33.39 -3.91 -0.08	34.70 -3.77 0.00	40.18 -5.27 0.00	44.50 -6.64 1.16	39.33 -6.59 4.75	35.45 -5.92 7.51	38.70 -5.65 1.22	36.66 -5.75 1.81	35.40 -5.48 2.93	37.10 -5.53 1.25	39.77 -5.48 0.00	41.11 -6.45 0.20	41.95 -7.01 4.98	50.53 -7.46 3.67	51.15 -6.42 0.27	48.98 -6.75 0.01	46.26 -5.78 0.00	41.30 -5.66 0.20	39.47 -3.76 0.00	36.14 -2.76 0.00
OLIN_CORP_DRP 24177	37.03 -4.72 0.00	35.61 -4.52 -0.13	32.97 -4.41 -0.32	31.33 -4.01 -0.50	32.94 -4.35 -0.08	34.20 -4.27 0.00	39.50 -5.95 0.00	44.07 -6.90 1.33	38.42 -6.84 5.41	34.08 -6.26 8.54	38.34 -5.83 1.40	36.36 -5.79 2.07	34.86 -5.61 3.34	36.74 -5.70 1.44	39.54 -5.70 0.00	40.45 -7.07 0.24	41.06 -7.28 5.60	49.76 -7.77 4.14	49.19 -8.33 0.32	48.48 -7.25 0.01	45.69 -6.35 0.00	41.03 -6.13 0.00	39.08 -4.15 0.00	35.79 -3.11 0.00
OLIN_CORP_DSASP 323712	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.23 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.39 -4.08 0.00	39.68 -5.77 0.00	44.11 -6.85 1.34	38.63 -6.74 5.30	34.45 -6.06 8.37	38.41 -5.79 1.37	36.26 -5.92 2.03	34.88 -5.65 3.27	36.81 -5.66 1.41	39.27 -5.97 0.00	40.51 -7.02 0.23	41.12 -7.28 5.54	49.62 -7.95 4.09	50.47 -7.06 0.31	48.31 -7.41 0.01	45.69 -6.35 0.00	40.99 -6.18 0.00	39.12 -4.11 0.00	35.87 -3.03 0.00
ONEIDA_HERK_LFGE 323681	46.36 0.37 -4.24	44.39 0.24 -4.14	41.27 0.26 -3.96	38.90 0.28 -3.79	41.45 0.33 -3.90	42.92 0.46 -3.99	50.80 0.77 -4.57	58.71 1.25 -5.16	56.68 1.01 -5.00	54.84 1.13 -4.84	51.02 0.86 -4.58	49.49 0.80 -4.48	49.04 0.79 -4.44	49.13 0.79 -4.45	50.72 0.90 -4.57	53.39 0.86 -4.78	60.61 1.40 -5.27	69.32 1.79 -5.86	65.03 1.62 -5.57	62.57 1.39 -5.44	53.24 1.20 0.00	48.06 0.89 0.00	43.88 0.65 0.00	39.37 0.47 0.00
ONEIDA___115KV_TB4 55905	44.24 0.71 -1.79	42.40 0.60 -1.79	39.40 0.56 -1.79	37.14 0.56 -1.75	39.52 0.63 -1.67	40.96 0.81 -1.68	48.52 1.14 -1.93	56.05 1.57 -2.18	54.15 1.37 -2.11	52.44 1.52 -2.04	48.73 1.23 -1.93	47.25 1.15 -1.89	46.82 1.14 -1.87	46.90 1.14 -1.88	48.44 1.27 -1.93	51.02 1.24 -2.02	57.78 1.62 -2.22	66.24 2.10 -2.47	61.93 1.74 -2.35	59.70 1.67 -2.30	53.55 1.51 0.00	48.34 1.18 0.00	44.23 0.99 0.00	39.72 0.82 0.00
ONONDAGA_REF_OCCRA 23987	40.99 -0.75 0.00	39.36 -0.76 -0.11	36.61 -0.74 -0.29	34.54 -0.66 -0.37	36.58 -0.71 -0.07	37.85 -0.62 0.00	44.77 -0.68 0.00	51.67 -0.63 0.00	50.01 -0.66 0.00	48.34 -0.54 0.00	45.02 -0.55 0.00	43.59 -0.62 0.00	43.19 -0.61 0.00	43.27 -0.61 0.00	44.70 -0.54 0.00	47.04 -0.72 0.00	53.29 -0.65 0.00	61.24 -0.43 0.00	57.15 -0.69 0.00	55.17 -0.56 0.00	51.47 -0.57 0.00	46.55 -0.61 0.00	42.76 -0.48 0.00	38.47 -0.43 0.00
ONONDAGA___COGEN 23986	40.82 -0.92 0.00	39.22 -0.88 -0.09	36.45 -0.85 -0.25	34.37 -0.77 -0.31	36.46 -0.82 -0.06	37.70 -0.77 0.00	44.59 -0.86 0.00	51.41 -0.89 0.00	49.81 -0.86 0.00	48.15 -0.73 0.00	44.80 -0.77 0.00	43.42 -0.80 0.00	43.01 -0.79 0.00	43.09 -0.79 0.00	44.52 -0.72 0.00	46.85 -0.91 0.00	53.08 -0.86 0.00	60.99 -0.68 0.00	56.92 -0.93 0.00	54.95 -0.78 0.00	51.31 -0.73 0.00	46.36 -0.80 0.00	42.58 -0.65 0.00	38.32 -0.58 0.00
ONTARIO___LFGE 23819	40.45 -1.29 0.00	38.75 -1.40 -0.15	36.03 -1.41 -0.38	34.02 -1.29 -0.48	36.00 -1.30 -0.09	37.51 -0.96 0.00	44.36 -1.09 0.00	51.92 -1.26 -0.87	52.88 -1.37 -3.58	53.36 -1.17 -5.66	45.26 -1.23 -0.92	44.16 -1.42 -1.36	44.65 -1.36 -2.21	43.73 -1.10 -0.95	44.16 -1.09 0.00	46.38 -1.53 -0.15	56.43 -1.24 -3.73	63.75 -0.68 -2.75	57.30 -0.75 -0.21	54.73 -1.00 0.00	51.21 -0.83 0.00	46.03 -1.13 0.00	42.76 -0.47 0.00	38.71 -0.19 0.00
ORANGEVILLE_WT_PWR 323706	37.94 -3.80 0.00	36.01 -4.16 -0.17	33.45 -4.04 -0.43	31.76 -3.69 -0.62	33.34 -3.98 -0.11	35.12 -3.35 0.00	41.04 -4.41 0.00	41.94 -5.07 5.29	23.97 -5.07 21.63	10.14 -4.54 34.19	35.64 -4.37 5.55	31.43 -4.55 8.23	26.14 -4.34 13.33	33.96 -4.21 5.72	40.72 -4.52 0.00	41.87 -4.97 0.92	26.61 -4.96 22.37	40.16 -4.99 16.52	51.86 -4.74 1.24	50.99 -4.74 0.00	48.08 -3.96 0.00	43.25 -3.91 0.00	40.86 -2.38 0.00	37.42 -1.48 0.00
ORANGEVILLE___ESR 323794	37.94 -3.80 0.00	36.01 -4.16 -0.17	33.45 -4.04 -0.43	31.76 -3.69 -0.62	33.34 -3.98 -0.11	35.12 -3.35 0.00	41.04 -4.41 0.00	41.94 -5.07 5.29	23.97 -5.07 21.63	10.14 -4.54 34.19	35.64 -4.37 5.55	31.43 -4.55 8.23	26.14 -4.34 13.33	33.96 -4.21 5.72	40.72 -4.52 0.00	41.87 -4.97 0.92	26.61 -4.96 22.37	40.16 -4.99 16.52	51.86 -4.74 1.24	50.99 -4.74 0.00	48.08 -3.96 0.00	43.25 -3.91 0.00	40.86 -2.38 0.00	37.42 -1.48 0.00
OSWEGATCHIE___HYD 24044	62.00 -1.00 -21.26	59.50 -1.12 -20.62	55.62 -0.92 -19.49	52.58 -0.84 -18.59	55.81 -0.85 -19.45	57.79 -0.65 -19.97	68.09 -0.27 -22.90	78.67 0.52 -25.85	75.61 -0.10 -25.05	73.18 0.05 -24.25	68.32 -0.23 -22.97	66.49 -0.18 -22.45	65.76 -0.30 -22.26	65.94 -0.26 -22.32	68.05 -0.09 -22.90	71.55 -0.14 -23.93	80.89 0.54 -26.41	91.73 0.68 -29.38	86.44 0.70 -27.90	83.67 0.67 -27.27	52.51 0.47 0.00	47.16 0.00 0.00	42.93 -0.30 0.00	38.44 -0.47 0.00
OSWEGO___5 23606	40.24 -1.50 0.00	38.67 -1.40 -0.06	35.89 -1.33 -0.16	33.81 -1.22 -0.20	35.95 -1.30 -0.04	37.16 -1.31 0.00	43.86 -1.59 0.00	50.47 -1.83 0.00	48.89 -1.77 0.00	47.27 -1.61 0.00	44.02 -1.55 0.00	42.62 -1.59 0.00	42.27 -1.53 0.00	42.35 -1.54 0.00	43.71 -1.54 0.00	46.04 -1.72 0.00	52.16 -1.78 0.00	59.88 -1.79 0.00	56.17 -1.68 0.00	53.95 -1.79 0.00	50.37 -1.67 0.00	45.56 -1.60 0.00	41.85 -1.39 0.00	37.70 -1.21 0.00

OSWEGO___6 23613	40.24 -1.50 0.00	38.67 -1.40 -0.06	35.89 -1.33 -0.16	33.81 -1.22 -0.20	35.95 -1.30 -0.04	37.16 -1.31 0.00	43.86 -1.59 0.00	50.47 -1.83 0.00	48.89 -1.77 0.00	47.27 -1.61 0.00	44.02 -1.55 0.00	42.62 -1.59 0.00	42.27 -1.53 0.00	42.35 -1.54 0.00	43.71 -1.54 0.00	46.04 -1.72 0.00	52.16 -1.78 0.00	59.88 -1.79 0.00	56.17 -1.68 0.00	53.95 -1.79 0.00	50.37 -1.67 0.00	45.56 -1.60 0.00	41.85 -1.39 0.00	37.70 -1.21 0.00
OUTOKUMPU-AB___DRP 24206	37.99 -3.76 0.00	36.29 -3.84 -0.13	33.60 -3.78 -0.32	31.96 -3.38 -0.51	33.61 -3.68 -0.08	35.08 -3.39 0.00	40.59 -4.86 0.00	45.34 -5.54 1.41	39.45 -5.52 5.70	34.94 -4.94 9.00	39.54 -4.56 1.47	37.48 -4.55 2.17	35.82 -4.47 3.52	37.89 -4.48 1.51	40.77 -4.48 0.00	41.92 -5.59 0.25	42.28 -5.77 5.88	51.28 -6.04 4.35	50.80 -6.71 0.33	50.10 -5.63 0.01	47.20 -4.84 0.00	42.40 -4.76 0.00	40.29 -2.94 0.00	36.88 -2.02 0.00
OXBOW___BTM 323836	37.61 -4.13 0.00	36.09 -4.04 -0.13	33.41 -3.96 -0.32	31.78 -3.55 -0.50	33.43 -3.87 -0.08	34.85 -3.62 0.00	40.27 -5.18 0.00	44.80 -6.12 1.38	39.13 -6.03 5.50	34.81 -5.38 8.69	39.09 -5.06 1.42	36.85 -5.26 2.10	35.41 -4.99 3.40	37.42 -5.00 1.46	39.95 -5.29 0.00	41.31 -6.21 0.24	41.81 -6.42 5.71	50.54 -6.91 4.22	51.39 -6.13 0.32	49.26 -6.46 0.01	46.52 -5.52 0.00	41.74 -5.42 0.00	39.77 -3.46 0.00	36.45 -2.45 0.00
OXBOW____ 24026	37.61 -4.13 0.00	36.09 -4.04 -0.13	33.41 -3.97 -0.32	31.78 -3.55 -0.50	33.43 -3.87 -0.08	34.74 -3.73 0.00	40.18 -5.27 0.00	44.80 -6.12 1.38	39.14 -6.03 5.50	34.71 -5.47 8.69	39.09 -5.06 1.42	37.07 -5.04 2.10	35.50 -4.91 3.40	37.46 -4.96 1.46	40.27 -4.98 0.00	41.26 -6.26 0.24	41.81 -6.42 5.71	50.60 -6.85 4.22	49.94 -7.58 0.32	49.43 -6.30 0.01	46.52 -5.52 0.00	41.84 -5.33 0.00	39.77 -3.46 0.00	36.45 -2.45 0.00
OXY_CHEM_DSASP 323612	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.22 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.28 -4.19 0.00	39.59 -5.86 0.00	44.16 -6.80 1.34	38.63 -6.74 5.30	34.35 -6.16 8.37	38.41 -5.79 1.37	36.48 -5.70 2.03	34.97 -5.56 3.27	36.85 -5.62 1.41	39.64 -5.61 0.00	40.46 -7.07 0.23	41.12 -7.28 5.54	49.68 -7.89 4.09	48.91 -8.62 0.31	48.48 -7.25 0.01	45.69 -6.35 0.00	41.08 -6.08 0.00	39.13 -4.11 0.00	35.87 -3.03 0.00
OZONE_PARK_ESR 323760	44.96 3.21 0.00	43.79 2.80 -0.99	42.07 2.45 -2.57	40.46 2.40 -3.23	40.41 2.57 -0.63	41.16 2.69 0.00	48.77 3.32 0.00	56.17 3.87 0.00	54.82 4.15 0.00	53.03 4.15 0.00	49.35 3.78 0.00	47.97 3.76 0.00	47.53 3.72 0.00	47.57 3.69 0.00	48.78 3.53 0.00	51.72 3.96 0.00	58.04 4.10 0.00	66.91 5.24 0.00	62.19 4.34 0.00	59.52 3.79 0.00	55.74 3.69 0.00	50.80 3.63 0.00	46.09 2.85 0.00	41.16 2.26 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.22 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.28 -4.19 0.00	39.59 -5.86 0.00	44.16 -6.80 1.34	38.63 -6.74 5.30	34.35 -6.16 8.37	38.41 -5.79 1.37	36.48 -5.70 2.03	34.97 -5.56 3.27	36.85 -5.62 1.41	39.64 -5.61 0.00	40.46 -7.07 0.23	41.12 -7.28 5.54	49.68 -7.89 4.09	48.91 -8.62 0.31	48.48 -7.25 0.01	45.69 -6.35 0.00	41.08 -6.08 0.00	39.13 -4.11 0.00	35.87 -3.03 0.00
PACKARD__115KV_DUPONT_184 80571	37.11 -4.63 0.00	35.77 -4.36 -0.12	33.14 -4.22 -0.31	31.53 -3.80 -0.50	33.13 -4.17 -0.08	34.28 -4.19 0.00	39.59 -5.86 0.00	44.16 -6.80 1.34	38.63 -6.74 5.30	34.35 -6.16 8.37	38.41 -5.79 1.37	36.48 -5.70 2.03	34.97 -5.56 3.27	36.85 -5.62 1.41	39.64 -5.61 0.00	40.46 -7.07 0.23	41.12 -7.28 5.54	49.68 -7.89 4.09	48.91 -8.62 0.31	48.48 -7.25 0.01	45.69 -6.35 0.00	41.08 -6.08 0.00	39.13 -4.11 0.00	35.87 -3.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.79 3.05 0.00	43.59 2.60 -0.99	41.81 2.19 -2.57	40.25 2.19 -3.23	40.19 2.34 -0.63	40.81 2.35 0.00	48.13 2.68 0.00	55.28 2.98 0.00	54.01 3.34 0.00	52.25 3.37 0.00	48.71 3.14 0.00	47.35 3.14 0.00	46.91 3.11 0.00	47.00 3.12 0.00	48.19 2.94 0.00	50.96 3.20 0.00	57.12 3.18 0.00	65.74 4.07 0.00	61.09 3.24 0.00	58.41 2.68 0.00	54.80 2.76 0.00	50.09 2.92 0.00	45.44 2.20 0.00	40.61 1.71 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.21 3.46 0.00	43.95 2.96 -0.99	42.18 2.56 -2.57	40.60 2.54 -3.23	40.56 2.72 -0.63	41.20 2.73 0.00	48.54 3.09 0.00	55.80 3.50 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.12 3.55 0.00	47.75 3.54 0.00	47.31 3.50 0.00	47.35 3.47 0.00	48.50 3.26 0.00	51.34 3.58 0.00	57.55 3.61 0.00	66.23 4.56 0.00	61.55 3.70 0.00	58.91 3.18 0.00	55.22 3.17 0.00	50.51 3.35 0.00	45.83 2.59 0.00	40.96 2.06 0.00
PATROON__115KV_TB1 80586	43.66 1.92 0.00	43.15 1.84 -1.31	42.13 1.67 -3.40	40.64 1.53 -4.28	39.68 1.64 -0.83	40.20 1.73 0.00	47.27 1.82 0.00	53.97 1.67 0.00	52.39 1.72 0.00	50.54 1.66 0.00	46.89 1.32 0.00	45.50 1.28 0.00	45.03 1.23 0.00	45.16 1.27 0.00	46.47 1.22 0.00	49.19 1.43 0.00	55.50 1.56 0.00	63.76 2.10 0.00	59.58 1.74 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.23 0.00	44.27 1.04 0.00	39.99 1.09 0.00
PATTRSNVILLE__SOLAR 323815	43.41 1.67 0.00	42.98 1.60 -1.37	42.04 1.41 -3.57	40.61 1.29 -4.49	39.50 1.41 -0.87	39.97 1.50 0.00	47.36 1.91 0.00	54.45 2.15 0.00	52.75 2.08 0.00	50.69 1.81 0.00	47.07 1.50 0.00	45.63 1.41 0.00	45.12 1.31 0.00	45.29 1.40 0.00	46.65 1.40 0.00	49.53 1.77 0.00	56.21 2.27 0.00	64.57 2.90 0.00	60.45 2.61 0.00	57.90 2.17 0.00	54.02 1.98 0.00	49.00 1.84 0.00	44.79 1.55 0.00	40.15 1.24 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.69 -3.05 0.00	35.51 -4.64 -0.14	32.90 -4.52 -0.36	31.27 -4.11 -0.55	32.92 -4.39 -0.09	35.74 -2.73 0.00	41.54 -3.91 0.00	47.15 -3.66 1.49	40.88 -3.70 6.09	36.08 -3.18 9.63	41.04 -2.96 1.57	38.89 -3.01 2.32	37.16 -2.89 3.75	39.37 -2.90 1.61	41.45 -3.80 0.00	43.92 -3.58 0.26	44.07 -3.67 6.20	53.51 -3.58 4.58	53.27 -4.22 0.35	51.21 -4.51 0.01	48.14 -3.90 0.00	43.25 -3.91 0.00	40.94 -2.29 0.00	37.74 -1.17 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	44.83 3.09 0.00	43.84 2.84 -1.00	42.14 2.48 -2.60	40.44 2.33 -3.27	40.38 2.53 -0.64	41.16 2.69 0.00	48.95 3.50 0.00	56.38 4.08 0.00	54.82 4.15 0.00	52.84 3.96 0.00	49.22 3.65 0.00	47.79 3.58 0.00	47.26 3.46 0.00	47.26 3.38 0.00	48.50 3.26 0.00	51.63 3.87 0.00	58.20 4.26 0.00	67.16 5.49 0.00	62.47 4.63 0.00	59.97 4.24 0.00	56.05 4.01 0.00	50.80 3.63 0.00	46.26 3.03 0.00	41.24 2.33 0.00
PEEKSKILL____ 23653	44.37 2.63 0.00	43.22 2.24 -0.98	41.56 1.96 -2.55	39.95 1.91 -3.20	39.88 2.05 -0.62	40.62 2.15 0.00	48.13 2.68 0.00	55.39 3.08 0.00	53.96 3.29 0.00	52.10 3.23 0.00	48.53 2.96 0.00	47.22 3.01 0.00	46.69 2.89 0.00	46.73 2.85 0.00	48.01 2.76 0.00	50.86 3.10 0.00	57.56 3.61 0.00	66.35 4.68 0.00	61.84 3.99 0.00	58.85 3.12 0.00	54.95 2.91 0.00	50.04 2.88 0.00	45.48 2.25 0.00	40.65 1.75 0.00

PGE MADISON___WINDPWR 24146	43.41 1.67 0.00	41.49 1.16 -0.32	39.05 1.15 -0.84	37.15 1.25 -1.07	38.95 1.53 -0.21	40.54 2.08 0.00	48.45 3.00 0.00	60.67 8.37 0.00	57.81 7.15 0.00	56.21 7.33 0.00	51.72 6.15 0.00	49.96 5.75 0.00	49.32 5.52 0.00	49.41 5.53 0.00	51.22 5.97 0.00	54.06 6.30 0.00	62.80 8.85 -0.01	67.66 5.98 -0.01	63.23 5.38 0.00	60.52 4.79 0.00	56.46 4.42 0.00	50.75 3.58 0.00	46.43 3.20 0.00	41.66 2.76 0.00
PIERCEFIELD___HYD 23852	72.23 -0.83 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.29 0.09 -33.75	91.49 1.10 -38.09	87.88 0.30 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.25 0.27 -33.74	83.26 0.24 -35.26	93.99 1.13 -38.92	106.19 1.23 -43.29	100.28 1.33 -41.10	97.13 1.23 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.86 -0.04 0.00
PINELAWN_CC_1 323563	45.33 3.59 0.00	43.71 2.72 -0.99	41.92 2.30 -2.57	40.15 2.09 -3.23	40.23 2.38 -0.63	41.32 2.85 0.00	49.22 3.77 0.00	57.07 4.76 -0.01	55.69 5.02 -0.01	53.62 4.74 0.00	50.08 4.51 0.00	48.99 4.78 0.00	48.36 4.56 0.00	48.41 4.52 0.00	49.63 4.39 0.00	52.58 4.82 0.00	59.77 5.83 0.00	69.07 7.40 0.00	64.50 6.65 0.00	60.75 5.02 0.00	56.83 4.78 0.00	51.93 4.76 0.00	46.35 3.11 0.00	41.32 2.41 0.00
PJM_GEN_HTP_PROXY 323702	44.75 3.01 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.26 2.20 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.50 3.05 0.00	55.81 3.50 0.00	54.42 3.75 0.00	52.64 3.76 0.00	48.99 3.42 0.00	47.70 3.49 0.00	47.22 3.42 0.00	47.26 3.38 0.00	48.51 3.26 0.00	51.39 3.63 0.00	58.04 4.10 0.00	66.78 5.12 0.00	62.30 4.45 0.00	59.24 3.51 0.00	55.32 3.28 0.00	50.42 3.25 0.00	45.74 2.51 0.00	40.89 1.98 0.00
PJM_GEN_KEystone 24065	36.76 -0.50 4.48	35.10 -0.96 3.94	33.95 -1.04 2.07	33.99 -0.87 -0.03	34.86 -0.97 1.39	37.21 -0.54 0.72	44.68 -0.77 0.00	51.11 -0.84 0.35	47.67 -0.81 2.19	44.14 -0.58 4.15	41.64 -0.59 3.34	40.26 -0.62 3.33	39.10 -0.57 4.13	39.05 -0.57 4.26	40.04 -0.86 4.34	43.92 -0.86 2.98	51.44 -0.70 1.80	60.39 -0.18 1.09	56.50 -0.64 0.71	52.20 -1.17 2.36	48.00 -0.94 3.11	43.88 -0.90 2.39	40.96 -0.47 1.80	38.24 -0.23 0.43
PJM_GEN_NEPTUNE_PROXY 323594	44.75 3.01 0.00	43.23 2.24 -0.98	41.48 1.85 -2.57	39.77 1.71 -3.23	39.78 1.93 -0.63	40.78 2.31 0.00	48.55 3.09 0.00	56.23 3.92 0.00	54.83 4.16 0.00	52.84 3.96 0.00	49.35 3.78 0.00	48.28 4.06 0.00	47.66 3.86 0.00	47.70 3.82 0.00	48.91 3.66 0.00	51.82 4.06 0.00	58.74 4.80 0.00	67.83 6.17 0.00	63.35 5.50 0.00	59.75 4.01 0.00	55.89 3.85 0.00	51.13 3.96 0.00	45.70 2.46 0.00	40.77 1.87 0.00
PJM_GEN_VFT_PROXY 323633	44.50 2.75 0.00	43.31 2.32 -0.99	41.62 2.00 -2.57	40.04 1.98 -3.23	39.92 2.08 -0.63	40.66 2.19 0.00	48.23 2.77 0.00	55.49 3.19 0.00	54.16 3.49 0.00	52.35 3.47 0.00	48.76 3.19 0.00	47.44 3.23 0.00	46.96 3.16 0.00	47.00 3.12 0.00	48.28 3.03 0.00	51.10 3.34 0.00	57.66 3.72 0.00	66.42 4.75 0.00	61.89 4.05 0.00	58.85 3.12 0.00	54.95 2.91 0.00	50.14 2.97 0.00	45.48 2.25 0.00	40.65 1.75 0.00
PLATSBURG_115KV_PMLD1 355749	-6.61 -1.46 46.89	-6.76 -1.36 45.40	-6.91 -1.19 42.78	-7.06 -1.15 40.74	-6.86 -1.23 42.85	-6.70 -1.12 44.05	-6.20 -1.14 50.52	-5.71 -0.99 57.02	-5.94 -1.37 55.24	-6.07 -1.47 53.48	-6.28 -1.18 50.67	-6.46 -1.15 49.52	-6.49 -1.18 49.11	-6.48 -1.14 49.22	-6.34 -1.09 50.50	-6.18 -1.15 52.79	-5.40 -1.08 58.26	-4.86 -1.73 64.80	-4.78 -1.10 61.53	-5.41 -1.00 60.14	51.10 -0.94 0.00	46.27 -0.90 0.00	42.58 -0.65 0.00	38.55 -0.35 0.00
PLEASANTVLY___LBMP 24000	44.20 2.46 0.00	43.28 2.24 -1.04	41.72 1.96 -2.70	40.14 1.92 -3.39	39.92 2.05 -0.66	40.58 2.12 0.00	48.04 2.59 0.00	55.28 2.98 0.00	53.81 3.14 0.00	51.96 3.08 0.00	48.40 2.83 0.00	47.00 2.79 0.00	46.56 2.76 0.00	46.60 2.72 0.00	47.82 2.58 0.00	50.72 2.96 0.00	57.07 3.13 0.00	65.74 4.07 0.00	61.20 3.36 0.00	58.63 2.90 0.00	54.80 2.76 0.00	49.81 2.64 0.00	45.39 2.16 0.00	40.61 1.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.54 2.80 0.00	43.40 2.40 -0.99	41.79 2.15 -2.59	40.18 2.09 -3.26	40.04 2.20 -0.63	40.81 2.35 0.00	48.32 2.86 0.00	55.65 3.35 0.00	54.22 3.55 0.00	52.35 3.47 0.00	48.76 3.19 0.00	47.40 3.18 0.00	46.91 3.11 0.00	46.96 3.07 0.00	48.19 2.94 0.00	51.10 3.34 0.00	57.45 3.51 0.00	66.23 4.56 0.00	61.61 3.76 0.00	58.96 3.23 0.00	55.16 3.12 0.00	50.32 3.16 0.00	45.65 2.42 0.00	40.81 1.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.54 2.80 0.00	43.40 2.40 -0.99	41.79 2.15 -2.59	40.18 2.09 -3.26	40.04 2.20 -0.63	40.81 2.35 0.00	48.32 2.86 0.00	55.65 3.35 0.00	54.22 3.55 0.00	52.35 3.47 0.00	48.76 3.19 0.00	47.40 3.18 0.00	46.91 3.11 0.00	46.96 3.07 0.00	48.19 2.94 0.00	51.10 3.34 0.00	57.45 3.51 0.00	66.23 4.56 0.00	61.61 3.76 0.00	58.96 3.23 0.00	55.16 3.12 0.00	50.32 3.16 0.00	45.65 2.42 0.00	40.81 1.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.58 2.84 0.00	43.62 2.60 -1.01	41.99 2.30 -2.64	40.37 2.23 -3.31	40.24 2.38 -0.64	40.93 2.46 0.00	48.45 3.00 0.00	55.70 3.40 0.00	54.22 3.55 0.00	52.20 3.32 0.00	48.62 3.05 0.00	47.22 3.01 0.00	46.74 2.93 0.00	46.82 2.94 0.00	48.05 2.81 0.00	51.10 3.34 0.00	57.61 3.67 0.00	66.42 4.75 0.00	61.90 4.05 0.00	59.24 3.51 0.00	55.37 3.33 0.00	50.28 3.11 0.00	45.78 2.55 0.00	41.00 2.10 0.00
POLETTI___ 23519	44.58 2.84 0.00	43.51 2.52 -0.99	41.81 2.19 -2.57	40.22 2.16 -3.23	40.15 2.31 -0.63	40.85 2.39 0.00	48.26 2.82 0.02	55.63 3.35 0.02	54.25 3.60 0.02	52.48 3.62 0.02	44.69 3.28 4.16	44.58 3.27 2.90	44.67 3.24 2.37	44.67 3.20 2.42	44.69 3.08 3.64	45.02 3.44 6.18	45.74 3.45 11.65	55.40 4.50 10.77	50.66 3.64 10.83	48.02 3.12 10.83	45.23 3.07 9.88	44.89 3.11 5.39	42.58 2.38 3.03	40.35 1.83 0.38
POMONA___ESR 323819	44.20 2.46 0.00	43.04 2.08 -0.95	41.39 1.85 -2.48	39.77 1.81 -3.12	39.76 1.93 -0.61	40.47 2.00 0.00	47.95 2.50 0.00	55.12 2.82 0.00	53.71 3.04 0.00	51.81 2.93 0.00	48.30 2.73 0.00	47.00 2.79 0.00	46.48 2.67 0.00	46.56 2.68 0.00	47.78 2.53 0.00	50.62 2.87 0.00	57.29 3.35 0.00	66.05 4.38 0.00	61.60 3.76 0.00	58.63 2.90 0.00	54.75 2.70 0.00	49.80 2.64 0.00	45.31 2.08 0.00	40.54 1.63 0.00
PORT_JEFF_3 23555	45.66 3.92 0.00	44.03 3.04 -0.98	42.18 2.55 -2.57	40.36 2.30 -3.23	40.48 2.64 -0.63	41.66 3.19 0.00	49.63 4.18 0.00	57.64 5.34 -0.01	56.25 5.57 -0.01	54.11 5.23 0.00	50.54 4.97 0.00	49.47 5.26 0.00	48.79 4.99 0.00	48.80 4.91 0.00	50.04 4.79 0.00	53.06 5.30 0.00	60.41 6.47 0.00	69.93 8.27 0.00	65.31 7.47 0.00	61.42 5.69 0.00	57.40 5.36 0.00	52.40 5.23 0.00	46.69 3.46 0.00	41.62 2.72 0.00

PORT_JEFF_4 23616	45.66 3.92 0.00	44.03 3.04 -0.98	42.18 2.55 -2.57	40.36 2.30 -3.23	40.48 2.64 -0.63	41.66 3.19 0.00	49.63 4.18 0.00	57.64 5.34 -0.01	56.25 5.57 -0.01	54.11 5.23 0.00	50.54 4.97 0.00	49.47 5.26 0.00	48.79 4.99 0.00	48.80 4.91 0.00	50.04 4.79 0.00	53.06 5.30 0.00	60.41 6.47 0.00	69.93 8.27 0.00	65.31 7.47 0.00	61.42 5.69 0.00	57.40 5.36 0.00	52.40 5.23 0.00	46.69 3.46 0.00	41.62 2.72 0.00
PORT_JEFF_IC 23713	45.62 3.88 0.00	44.03 3.04 -0.98	42.22 2.59 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.70 3.23 0.00	49.59 4.14 0.00	57.69 5.39 -0.01	56.30 5.62 -0.01	54.16 5.28 0.00	50.17 4.60 0.00	48.94 4.73 0.00	48.36 4.56 0.00	48.36 4.48 0.00	49.50 4.25 0.00	52.58 4.82 0.00	59.01 5.07 0.00	68.45 6.78 0.00	63.40 5.55 0.00	60.24 4.51 0.00	56.88 4.84 0.00	51.74 4.57 0.00	46.73 3.50 0.00	41.66 2.76 0.00
PPL_PILGRIM_ST_GT1 24216	45.75 4.01 0.00	44.11 3.12 -0.98	42.29 2.67 -2.57	40.46 2.40 -3.23	40.60 2.75 -0.63	41.74 3.27 0.00	49.77 4.32 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.52 5.30 0.00	48.88 5.08 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.15 5.40 0.00	60.46 6.52 0.00	69.99 8.32 0.00	65.31 7.47 0.00	61.47 5.74 0.00	57.45 5.41 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00
PPL_PILGRIM_ST_GT2 24217	45.75 4.01 0.00	44.11 3.12 -0.98	42.29 2.67 -2.57	40.46 2.40 -3.23	40.60 2.75 -0.63	41.74 3.27 0.00	49.77 4.32 0.00	57.75 5.44 -0.01	56.35 5.67 -0.01	54.21 5.33 0.00	50.63 5.06 0.00	49.52 5.30 0.00	48.88 5.08 0.00	48.88 5.00 0.00	50.13 4.89 0.00	53.15 5.40 0.00	60.46 6.52 0.00	69.99 8.32 0.00	65.31 7.47 0.00	61.47 5.74 0.00	57.45 5.41 0.00	52.49 5.33 0.00	46.78 3.55 0.00	41.70 2.80 0.00
PPL_SHRM_GT3 24213	45.91 4.17 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.85 3.39 0.00	49.86 4.41 0.00	57.96 5.65 -0.01	56.55 5.87 -0.01	54.35 5.47 0.00	50.76 5.19 0.00	49.69 5.48 0.00	49.01 5.21 0.00	48.97 5.09 0.00	50.22 4.98 0.00	53.30 5.54 0.00	60.85 6.91 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
PPL_SHRM_GT4 24214	45.91 4.17 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.85 3.39 0.00	49.86 4.41 0.00	57.96 5.65 -0.01	56.55 5.87 -0.01	54.35 5.47 0.00	50.76 5.19 0.00	49.69 5.48 0.00	49.01 5.21 0.00	48.97 5.09 0.00	50.22 4.98 0.00	53.30 5.54 0.00	60.85 6.91 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
PROJECT___ORANGE 1 24174	40.78 -0.96 0.00	39.18 -0.92 -0.09	36.41 -0.89 -0.24	34.33 -0.80 -0.30	36.42 -0.86 -0.06	37.66 -0.81 0.00	44.54 -0.91 0.00	51.36 -0.94 0.00	49.76 -0.91 0.00	48.10 -0.78 0.00	44.80 -0.77 0.00	43.37 -0.84 0.00	42.97 -0.83 0.00	43.05 -0.83 0.00	44.48 -0.77 0.00	46.76 -1.00 0.00	52.97 -0.97 0.00	60.87 -0.80 0.00	56.75 -1.10 0.00	54.78 -0.95 0.00	51.16 -0.88 0.00	46.22 -0.94 0.00	42.50 -0.73 0.00	38.28 -0.62 0.00
PROJECT___ORANGE 2 24166	40.78 -0.96 0.00	39.18 -0.92 -0.09	36.41 -0.89 -0.24	34.33 -0.80 -0.30	36.42 -0.86 -0.06	37.66 -0.81 0.00	44.54 -0.91 0.00	51.36 -0.94 0.00	49.76 -0.91 0.00	48.10 -0.78 0.00	44.80 -0.77 0.00	43.37 -0.84 0.00	42.97 -0.83 0.00	43.05 -0.83 0.00	44.48 -0.77 0.00	46.76 -1.00 0.00	52.97 -0.97 0.00	60.87 -0.80 0.00	56.75 -1.10 0.00	54.78 -0.95 0.00	51.16 -0.88 0.00	46.22 -0.94 0.00	42.50 -0.73 0.00	38.28 -0.62 0.00
PUCKETT___SOLAR 323809	42.12 0.37 0.00	40.39 0.04 -0.35	37.96 0.00 -0.90	36.05 0.07 -1.15	37.59 0.15 -0.22	38.93 0.46 0.00	46.18 0.72 0.00	54.19 1.67 -0.21	52.96 1.42 -0.88	51.78 1.52 -1.38	46.98 1.18 -0.22	45.56 1.02 -0.33	45.35 1.01 -0.54	45.13 1.01 -0.23	46.29 1.04 0.00	48.94 1.14 -0.04	56.76 1.89 -0.93	64.45 2.10 -0.68	59.51 1.62 -0.05	57.01 1.28 0.00	53.24 1.20 0.00	48.01 0.85 0.00	44.10 0.86 0.00	39.76 0.85 0.00
PYRITES___HYD 24023	73.15 0.08 -31.32	70.20 -0.16 -30.36	65.71 0.00 -28.66	62.25 0.10 -27.31	66.04 0.19 -28.64	68.43 0.54 -29.43	80.56 1.36 -33.75	93.16 2.77 -38.09	89.35 1.77 -36.90	86.42 1.81 -35.73	80.78 1.37 -33.85	78.62 1.33 -33.08	77.75 1.14 -32.81	77.99 1.23 -32.88	80.52 1.54 -33.74	84.55 1.53 -35.26	95.72 2.86 -38.92	108.29 3.33 -43.29	102.25 3.30 -41.10	98.97 3.07 -40.18	54.69 2.65 0.00	48.91 1.75 0.00	44.49 1.25 0.00	39.80 0.89 0.00
QUAKERRD_115KV_BK1 80622	38.65 -3.09 0.00	37.53 -2.60 -0.12	34.85 -2.52 -0.31	32.88 -2.33 -0.39	34.80 -2.49 -0.08	35.78 -2.69 0.00	41.95 -3.50 0.00	48.01 -4.29 0.00	46.46 -4.21 0.00	45.07 -3.81 0.00	42.02 -3.55 0.00	40.72 -3.49 0.00	40.30 -3.50 0.00	40.37 -3.51 0.00	42.17 -3.08 0.00	43.75 -4.01 0.00	49.62 -4.32 0.01	57.22 -4.44 0.01	53.16 -4.69 0.00	51.89 -3.85 0.00	48.61 -3.43 0.00	43.82 -3.35 0.00	40.64 -2.59 0.00	36.72 -2.18 0.00
QUEENSBRY_115KV_TB8 356137	43.58 1.84 0.00	43.17 1.84 -1.33	42.11 1.59 -3.46	40.57 1.39 -4.35	39.59 1.53 -0.85	40.24 1.77 0.00	47.86 2.41 0.00	54.92 2.62 0.00	53.40 2.74 0.00	51.42 2.54 0.00	47.67 2.10 0.00	46.16 1.95 0.00	45.60 1.80 0.00	45.77 1.89 0.00	47.19 1.95 0.00	50.05 2.29 0.00	56.58 2.64 0.00	65.18 3.52 0.00	60.91 3.07 0.00	58.41 2.68 0.00	54.43 2.39 0.00	49.29 2.12 0.00	44.88 1.64 0.00	40.19 1.28 0.00
RAMAPO___LBMP 323565	44.00 2.25 0.00	42.95 2.00 -0.95	41.27 1.74 -2.47	39.68 1.74 -3.11	39.64 1.82 -0.60	40.39 1.92 0.00	47.82 2.36 0.00	55.02 2.72 0.00	53.56 2.89 0.00	51.71 2.83 0.00	48.17 2.60 0.00	46.82 2.61 0.00	46.39 2.58 0.00	46.43 2.55 0.00	47.64 2.40 0.00	50.53 2.77 0.00	56.80 2.86 0.00	65.49 3.82 0.00	60.91 3.07 0.00	58.35 2.62 0.00	54.59 2.55 0.00	49.66 2.50 0.00	45.18 1.95 0.00	40.46 1.56 0.00
RANKINE____ 23646	38.19 -3.55 0.00	36.02 -4.12 -0.14	33.40 -4.00 -0.35	31.71 -3.66 -0.54	33.40 -3.91 -0.09	35.28 -3.19 0.00	40.95 -4.50 0.00	45.50 -5.07 1.73	38.56 -5.07 7.04	33.25 -4.50 11.13	39.57 -4.19 1.81	37.33 -4.20 2.68	35.35 -4.12 4.34	37.90 -4.13 1.86	40.99 -4.25 0.00	42.54 -4.92 0.30	41.61 -5.18 7.15	51.08 -5.30 5.29	51.60 -5.84 0.41	50.60 -5.13 0.01	47.62 -4.42 0.00	42.83 -4.34 0.00	40.64 -2.59 0.00	37.27 -1.63 0.00
RAVENSWOOD_GT2_1 24244	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.61 3.76 0.00	58.96 3.23 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00

RAVENSWOOD_GT2_2 24245	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.61 3.76 0.00	58.96 3.23 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
RAVENSWOOD_GT2_3 24246	44.66 2.92 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.93 2.46 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.99 3.42 0.00	47.62 3.40 0.00	47.13 3.33 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	58.96 3.23 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.89 1.98 0.00
RAVENSWOOD_GT2_4 24247	44.66 2.92 0.00	43.55 2.56 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.93 2.46 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.99 3.42 0.00	47.62 3.40 0.00	47.13 3.33 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	58.96 3.23 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.89 1.98 0.00
RAVENSWOOD_GT3_1 24248	44.66 2.92 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.61 3.76 0.00	58.96 3.23 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
RAVENSWOOD_GT3_2 24249	44.66 2.92 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.61 3.76 0.00	58.96 3.23 0.00	55.22 3.17 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
RAVENSWOOD_GT3_3 24250	44.71 2.96 0.00	43.55 2.56 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.93 2.46 0.00	48.45 3.00 0.00	55.80 3.50 0.00	54.42 3.75 0.00	52.64 3.76 0.00	49.03 3.46 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.26 3.38 0.00	48.46 3.21 0.00	51.34 3.58 0.00	57.61 3.67 0.00	66.35 4.69 0.00	61.72 3.88 0.00	59.02 3.29 0.00	55.32 3.28 0.00	50.42 3.25 0.00	45.78 2.55 0.00	40.89 1.98 0.00
RAVENSWOOD_GT3_4 24251	44.71 2.96 0.00	43.55 2.56 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.93 2.46 0.00	48.45 3.00 0.00	55.80 3.50 0.00	54.42 3.75 0.00	52.64 3.76 0.00	49.03 3.46 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.26 3.38 0.00	48.46 3.21 0.00	51.34 3.58 0.00	57.61 3.67 0.00	66.35 4.69 0.00	61.72 3.88 0.00	59.02 3.29 0.00	55.32 3.28 0.00	50.42 3.25 0.00	45.78 2.55 0.00	40.89 1.98 0.00
RAVENSWOOD_GT_1 23729	44.79 3.05 0.00	43.63 2.64 -0.99	41.92 2.30 -2.57	40.32 2.26 -3.23	40.26 2.42 -0.63	40.97 2.50 0.00	48.41 2.95 0.00	55.65 3.35 0.00	54.32 3.65 0.00	52.59 3.71 0.00	48.99 3.42 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.26 3.38 0.00	48.46 3.21 0.00	51.29 3.53 0.00	57.45 3.51 0.00	66.17 4.50 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
RAVENSWOOD_GT_10 24258	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	58.96 3.23 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
RAVENSWOOD_GT_11 24259	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	58.96 3.23 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
RAVENSWOOD_GT_4 24252	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.22 2.16 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.80 3.50 0.00	54.42 3.75 0.00	52.59 3.71 0.00	48.99 3.42 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.34 3.58 0.00	57.55 3.61 0.00	66.35 4.69 0.00	61.66 3.82 0.00	59.02 3.29 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.89 1.98 0.00
RAVENSWOOD_GT_5 24254	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.22 2.16 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.80 3.50 0.00	54.42 3.75 0.00	52.59 3.71 0.00	48.99 3.42 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.34 3.58 0.00	57.55 3.61 0.00	66.35 4.69 0.00	61.66 3.82 0.00	59.02 3.29 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.89 1.98 0.00
RAVENSWOOD_GT_6 24253	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.22 2.16 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.80 3.50 0.00	54.42 3.75 0.00	52.59 3.71 0.00	48.99 3.42 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.34 3.58 0.00	57.55 3.61 0.00	66.35 4.69 0.00	61.66 3.82 0.00	59.02 3.29 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.89 1.98 0.00
RAVENSWOOD_GT_7 24255	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.22 2.16 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.80 3.50 0.00	54.42 3.75 0.00	52.59 3.71 0.00	48.99 3.42 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.34 3.58 0.00	57.55 3.61 0.00	66.35 4.69 0.00	61.66 3.82 0.00	59.02 3.29 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.89 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	58.96 3.23 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00

RAVENSWOOD_GT_9 24257	44.62 2.88 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.41 3.17 0.00	51.29 3.53 0.00	57.55 3.61 0.00	66.29 4.63 0.00	61.66 3.82 0.00	58.96 3.23 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.95 0.00
RAVENSWOOD___1 23533	44.87 3.13 0.00	43.63 2.64 -0.99	41.88 2.26 -2.57	40.32 2.26 -3.23	40.23 2.38 -0.63	40.93 2.46 0.00	48.41 2.95 0.00	55.60 3.30 0.00	54.32 3.65 0.00	52.55 3.67 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.24 3.48 0.00	57.83 3.89 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.11 3.07 0.00	50.28 3.11 0.00	45.70 2.46 0.00	40.85 1.94 0.00
RAVENSWOOD___2 23534	44.87 3.13 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.23 2.38 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.60 3.30 0.00	54.27 3.60 0.00	52.55 3.67 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.51 3.26 0.00	51.20 3.44 0.00	57.77 3.83 0.00	66.54 4.87 0.00	62.01 4.17 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.28 3.11 0.00	45.70 2.46 0.00	40.81 1.91 0.00
RAVENSWOOD___3 23535	44.75 3.01 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.26 2.20 -3.23	40.15 2.31 -0.63	40.89 2.42 0.00	48.45 3.00 0.00	55.75 3.45 0.00	54.37 3.70 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.46 3.21 0.00	51.29 3.53 0.00	57.93 3.99 0.00	66.73 5.06 0.00	62.19 4.34 0.00	59.13 3.40 0.00	55.27 3.23 0.00	50.37 3.21 0.00	45.74 2.51 0.00	40.85 1.94 0.00
RAVENSWOOD___4 23820	44.87 3.13 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.35 -0.63	40.89 2.42 0.00	48.41 2.95 0.00	55.60 3.30 0.00	54.27 3.60 0.00	52.50 3.62 0.00	48.89 3.32 0.00	47.66 3.45 0.00	47.18 3.37 0.00	47.22 3.33 0.00	48.46 3.21 0.00	51.20 3.44 0.00	57.77 3.83 0.00	66.48 4.81 0.00	61.95 4.11 0.00	58.91 3.18 0.00	55.06 3.02 0.00	50.28 3.11 0.00	45.70 2.46 0.00	40.81 1.91 0.00
RCPI_TRUST___DRP 24196	44.71 2.96 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.91 3.61 0.00	54.52 3.85 0.00	52.74 3.86 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.44 3.68 0.00	57.72 3.78 0.00	66.48 4.81 0.00	61.84 3.99 0.00	59.13 3.40 0.00	55.37 3.33 0.00	50.47 3.30 0.00	45.83 2.59 0.00	40.93 2.02 0.00
RED___ROCHESTER 323720	39.36 -2.38 0.00	38.25 -1.88 -0.12	35.45 -1.93 -0.32	33.49 -1.74 -0.40	35.40 -1.90 -0.08	36.47 -2.00 0.00	42.68 -2.77 0.00	48.74 -3.56 0.00	47.17 -3.50 0.00	45.85 -3.03 0.00	42.70 -2.87 0.00	41.29 -2.92 0.00	40.96 -2.85 0.00	40.99 -2.90 0.00	42.71 -2.53 0.00	44.51 -3.25 0.00	50.43 -3.51 0.01	58.27 -3.39 0.01	55.30 -2.54 0.00	52.78 -2.96 0.00	49.54 -2.50 0.00	44.57 -2.59 0.00	41.50 -1.73 0.00	37.54 -1.36 0.00
REGAN___SOLAR 323812	44.71 2.96 0.00	44.31 2.88 -1.43	43.30 2.52 -3.72	41.77 2.26 -4.67	40.58 2.46 -0.91	41.28 2.81 0.00	49.09 3.64 0.00	56.38 4.08 0.00	54.52 3.85 0.00	52.15 3.28 0.00	48.35 2.78 0.00	46.64 2.43 0.00	46.08 2.28 0.00	46.34 2.46 0.00	47.82 2.58 0.00	50.86 3.10 0.00	57.88 3.94 0.00	66.73 5.06 0.00	62.59 4.74 0.00	59.91 4.18 0.00	55.84 3.80 0.00	50.70 3.54 0.00	46.21 2.98 0.00	41.35 2.45 0.00
RENSSELAER___COGEN 23796	43.54 1.79 0.00	42.98 1.68 -1.29	41.95 1.52 -3.37	40.49 1.43 -4.23	39.53 1.49 -0.82	40.05 1.58 0.00	47.09 1.63 0.00	53.71 1.41 0.00	52.14 1.47 0.00	50.25 1.37 0.00	46.66 1.09 0.00	45.32 1.11 0.00	44.85 1.05 0.00	44.94 1.05 0.00	46.29 1.04 0.00	48.90 1.14 0.00	55.45 1.51 0.00	63.64 1.97 0.00	59.53 1.68 0.00	56.96 1.22 0.00	53.08 1.04 0.00	48.20 1.04 0.00	44.14 0.91 0.00	39.88 0.97 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.75 3.01 0.00	44.37 3.04 -1.33	43.07 2.56 -3.46	41.37 2.19 -4.35	40.44 2.38 -0.85	41.35 2.89 0.00	49.32 3.86 0.00	56.64 4.34 0.00	55.13 4.46 0.00	53.03 4.15 0.00	49.03 3.46 0.00	47.48 3.27 0.00	46.78 2.98 0.00	47.00 3.12 0.00	48.50 3.26 0.00	51.53 3.77 0.00	58.31 4.37 0.00	67.22 5.55 0.00	62.82 4.97 0.00	60.19 4.46 0.00	56.10 4.06 0.00	50.65 3.49 0.00	46.04 2.81 0.00	41.16 2.26 0.00
REVERE_CPPR_DRP 24186	45.38 0.96 -2.68	43.41 0.76 -2.65	40.38 0.74 -2.58	38.06 0.73 -2.50	40.55 0.86 -2.48	42.03 1.04 -2.52	49.80 1.45 -2.89	57.65 2.09 -3.26	55.60 1.77 -3.16	53.84 1.91 -3.06	50.06 1.59 -2.90	48.59 1.55 -2.83	48.10 1.49 -2.81	48.23 1.54 -2.82	49.81 1.67 -2.89	52.40 1.62 -3.02	59.48 2.21 -3.33	68.15 2.78 -3.71	63.74 2.37 -3.52	61.40 2.23 -3.44	54.07 2.03 0.00	48.77 1.60 0.00	44.57 1.34 0.00	39.99 1.09 0.00
REYNOLDS_115KV_TB3 80639	43.70 1.96 0.00	43.18 1.88 -1.30	42.14 1.70 -3.38	40.68 1.60 -4.24	39.75 1.71 -0.82	40.24 1.77 0.00	47.41 1.95 0.00	54.24 1.94 0.00	52.70 2.03 0.00	50.83 1.96 0.00	47.21 1.64 0.00	45.80 1.59 0.00	45.34 1.53 0.00	45.46 1.58 0.00	46.78 1.54 0.00	49.48 1.72 0.00	55.88 1.94 0.00	64.20 2.53 0.00	59.87 2.02 0.00	57.51 1.78 0.00	53.65 1.61 0.00	48.67 1.51 0.00	44.57 1.34 0.00	40.11 1.21 0.00
RIVERBAY____ 323610	45.21 3.46 0.00	43.95 2.96 -0.99	42.18 2.56 -2.57	40.60 2.54 -3.23	40.56 2.72 -0.63	41.20 2.73 0.00	48.54 3.09 0.00	55.80 3.50 0.00	54.47 3.80 0.00	52.69 3.81 0.00	49.12 3.55 0.00	47.75 3.54 0.00	47.31 3.50 0.00	47.35 3.47 0.00	48.50 3.26 0.00	51.34 3.58 0.00	57.55 3.61 0.00	66.23 4.56 0.00	61.55 3.70 0.00	58.91 3.18 0.00	55.22 3.17 0.00	50.51 3.35 0.00	45.83 2.59 0.00	40.96 2.06 0.00
RIVERSDE_115KV_TB3 55908	43.66 1.92 0.00	43.14 1.84 -1.30	42.11 1.67 -3.38	40.62 1.53 -4.25	39.68 1.64 -0.83	40.20 1.73 0.00	47.32 1.86 0.00	54.03 1.73 0.00	52.44 1.77 0.00	50.59 1.71 0.00	46.98 1.41 0.00	45.58 1.37 0.00	45.12 1.31 0.00	45.20 1.32 0.00	46.56 1.31 0.00	49.24 1.48 0.00	55.61 1.67 0.00	63.89 2.22 0.00	59.64 1.79 0.00	57.24 1.50 0.00	53.39 1.35 0.00	48.49 1.32 0.00	44.36 1.12 0.00	39.99 1.09 0.00
ROARING___BROOK_WT_PWR 323790	39.16 -1.21 1.37	37.60 -1.08 1.32	34.81 -1.00 1.25	32.70 -0.94 1.19	34.96 -1.00 1.25	36.11 -1.08 1.28	42.80 -1.18 1.47	49.33 -1.31 1.66	47.74 -1.32 1.61	46.00 -1.32 1.56	42.96 -1.14 1.48	41.67 -1.10 1.44	41.28 -1.09 1.43	41.40 -1.05 1.43	42.69 -1.09 1.47	45.12 -1.10 1.54	50.90 -1.35 1.70	58.12 -1.66 1.89	54.61 -1.44 1.79	52.86 -1.11 1.75	51.11 -0.94 0.00	46.41 -0.76 0.00	42.59 -0.65 0.00	38.44 -0.47 0.00

ROCHESRG_115KV_T4 355643	39.03 -2.71 0.00	37.93 -2.20 -0.12	35.16 -2.22 -0.32	33.24 -1.99 -0.40	35.13 -2.16 -0.08	36.08 -2.39 0.00	42.23 -3.23 0.00	47.98 -4.08 0.24	45.69 -4.00 0.98	43.71 -3.62 1.55	41.95 -3.37 0.25	40.52 -3.32 0.37	39.91 -3.29 0.60	40.29 -3.34 0.26	42.44 -2.81 0.00	43.85 -3.87 0.04	48.76 -4.15 1.03	56.71 -4.19 0.76	53.28 -4.51 0.06	52.16 -3.57 0.00	48.92 -3.12 0.00	44.10 -3.07 0.00	41.07 -2.16 0.00	37.19 -1.71 0.00
ROCHESTER_9_IC 23652	39.20 -2.55 0.00	38.09 -2.04 -0.12	35.34 -2.04 -0.32	33.39 -1.85 -0.40	35.28 -2.01 -0.08	36.24 -2.23 0.00	42.45 -3.00 0.00	48.54 -3.77 0.00	46.92 -3.75 0.00	45.55 -3.32 0.00	42.47 -3.10 0.00	41.16 -3.05 0.00	40.78 -3.02 0.00	40.81 -3.07 0.00	42.71 -2.53 0.00	44.18 -3.58 0.00	50.16 -3.78 0.01	57.90 -3.76 0.01	53.74 -4.11 0.00	52.55 -3.18 0.00	49.23 -2.81 0.00	44.38 -2.78 0.00	41.29 -1.95 0.00	37.39 -1.52 0.00
ROCKVIEW_13_KV_LD 356306	44.66 2.92 0.00	43.51 2.52 -0.99	41.85 2.22 -2.57	40.25 2.19 -3.23	40.15 2.31 -0.63	40.93 2.46 0.00	48.50 3.05 0.00	55.86 3.56 0.00	54.42 3.75 0.00	52.59 3.71 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.18 3.29 0.00	48.37 3.12 0.00	51.29 3.53 0.00	57.66 3.72 0.00	66.48 4.81 0.00	61.84 3.99 0.00	59.19 3.46 0.00	55.37 3.33 0.00	50.47 3.30 0.00	45.83 2.59 0.00	40.93 2.02 0.00
ROME____115KV_TB2 80656	45.38 0.96 -2.68	43.41 0.76 -2.65	40.38 0.74 -2.58	38.06 0.73 -2.50	40.55 0.86 -2.48	42.03 1.04 -2.52	49.80 1.45 -2.89	57.65 2.09 -3.26	55.60 1.77 -3.16	53.84 1.91 -3.06	50.06 1.59 -2.90	48.59 1.55 -2.83	48.10 1.49 -2.81	48.23 1.54 -2.82	49.81 1.67 -2.89	52.40 1.62 -3.02	59.48 2.21 -3.33	68.15 2.78 -3.71	63.74 2.37 -3.52	61.40 2.23 -3.44	54.07 2.03 0.00	48.77 1.60 0.00	44.57 1.34 0.00	39.99 1.09 0.00
ROSETON___1 23587	44.16 2.42 0.00	43.10 2.12 -0.98	41.50 1.89 -2.55	39.88 1.84 -3.21	39.81 1.97 -0.62	40.51 2.04 0.00	48.00 2.54 0.00	55.18 2.87 0.00	53.71 3.04 0.00	51.86 2.98 0.00	48.30 2.73 0.00	47.00 2.79 0.00	46.48 2.67 0.00	46.56 2.68 0.00	47.82 2.58 0.00	50.67 2.91 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.60 3.76 0.00	58.68 2.95 0.00	54.75 2.70 0.00	49.76 2.59 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ROSETON___2 23588	44.16 2.42 0.00	43.10 2.12 -0.98	41.50 1.89 -2.55	39.88 1.84 -3.21	39.81 1.97 -0.62	40.51 2.04 0.00	48.00 2.54 0.00	55.18 2.87 0.00	53.71 3.04 0.00	51.86 2.98 0.00	48.30 2.73 0.00	47.00 2.79 0.00	46.48 2.67 0.00	46.56 2.68 0.00	47.82 2.58 0.00	50.67 2.91 0.00	57.34 3.40 0.00	65.98 4.32 0.00	61.60 3.76 0.00	58.68 2.95 0.00	54.75 2.70 0.00	49.76 2.59 0.00	45.35 2.12 0.00	40.54 1.63 0.00
ROTRDAM_115KV_TB3 80664	43.08 1.34 0.00	42.63 1.28 -1.35	41.76 1.19 -3.52	40.33 1.08 -4.42	39.23 1.15 -0.86	39.66 1.19 0.00	46.95 1.50 0.00	53.97 1.67 0.00	52.34 1.67 0.00	50.44 1.56 0.00	46.94 1.37 0.00	45.50 1.28 0.00	45.07 1.27 0.00	45.16 1.27 0.00	46.51 1.27 0.00	49.24 1.48 0.00	55.61 1.67 0.00	63.89 2.22 0.00	59.70 1.85 0.00	57.40 1.67 0.00	53.55 1.51 0.00	48.58 1.41 0.00	44.44 1.21 0.00	39.87 0.97 0.00
RUSSELL___1 23602	39.36 -2.38 0.00	38.25 -1.88 -0.12	35.45 -1.93 -0.32	33.49 -1.74 -0.40	35.43 -1.86 -0.08	36.39 -2.08 0.00	42.63 -2.82 0.00	48.80 -3.50 0.00	47.17 -3.50 0.00	45.80 -3.08 0.00	42.70 -2.87 0.00	41.38 -2.83 0.00	41.00 -2.80 0.00	41.03 -2.85 0.00	42.94 -2.31 0.00	44.42 -3.34 0.00	50.43 -3.51 0.01	58.27 -3.39 0.01	54.09 -3.76 0.00	52.83 -2.90 0.00	49.54 -2.50 0.00	44.62 -2.55 0.00	41.50 -1.73 0.00	37.54 -1.36 0.00
RUSSELL___2 23532	39.36 -2.38 0.00	38.25 -1.88 -0.12	35.45 -1.93 -0.32	33.49 -1.74 -0.40	35.43 -1.86 -0.08	36.39 -2.08 0.00	42.63 -2.82 0.00	48.80 -3.50 0.00	47.17 -3.50 0.00	45.80 -3.08 0.00	42.70 -2.87 0.00	41.38 -2.83 0.00	41.00 -2.80 0.00	41.03 -2.85 0.00	42.94 -2.31 0.00	44.42 -3.34 0.00	50.43 -3.51 0.01	58.27 -3.39 0.01	54.09 -3.76 0.00	52.83 -2.90 0.00	49.54 -2.50 0.00	44.62 -2.55 0.00	41.50 -1.73 0.00	37.54 -1.36 0.00
RUSSELL___3 23549	39.36 -2.38 0.00	38.25 -1.88 -0.12	35.45 -1.93 -0.32	33.49 -1.74 -0.40	35.43 -1.86 -0.08	36.39 -2.08 0.00	42.63 -2.82 0.00	48.80 -3.50 0.00	47.17 -3.50 0.00	45.80 -3.08 0.00	42.70 -2.87 0.00	41.38 -2.83 0.00	41.00 -2.80 0.00	41.03 -2.85 0.00	42.94 -2.31 0.00	44.42 -3.34 0.00	50.43 -3.51 0.01	58.27 -3.39 0.01	54.09 -3.76 0.00	52.83 -2.90 0.00	49.54 -2.50 0.00	44.62 -2.55 0.00	41.50 -1.73 0.00	37.54 -1.36 0.00
RUSSELL___4 23556	39.36 -2.38 0.00	38.25 -1.88 -0.12	35.45 -1.93 -0.32	33.49 -1.74 -0.40	35.43 -1.86 -0.08	36.39 -2.08 0.00	42.63 -2.82 0.00	48.80 -3.50 0.00	47.17 -3.50 0.00	45.80 -3.08 0.00	42.70 -2.87 0.00	41.38 -2.83 0.00	41.00 -2.80 0.00	41.03 -2.85 0.00	42.94 -2.31 0.00	44.42 -3.34 0.00	50.43 -3.51 0.01	58.27 -3.39 0.01	54.09 -3.76 0.00	52.83 -2.90 0.00	49.54 -2.50 0.00	44.62 -2.55 0.00	41.50 -1.73 0.00	37.54 -1.36 0.00
RUSSELL___STATION 23914	39.36 -2.38 0.00	38.25 -1.88 -0.12	35.45 -1.93 -0.32	33.49 -1.74 -0.40	35.43 -1.86 -0.08	36.39 -2.08 0.00	42.63 -2.82 0.00	48.80 -3.50 0.00	47.17 -3.50 0.00	45.80 -3.08 0.00	42.70 -2.87 0.00	41.38 -2.83 0.00	41.00 -2.80 0.00	41.03 -2.85 0.00	42.94 -2.31 0.00	44.42 -3.34 0.00	50.43 -3.51 0.01	58.27 -3.39 0.01	54.09 -3.76 0.00	52.83 -2.90 0.00	49.54 -2.50 0.00	44.62 -2.55 0.00	41.50 -1.73 0.00	37.54 -1.36 0.00
S SALMON___HYD 24043	43.96 -1.13 -3.35	42.15 -1.16 -3.31	39.22 -1.08 -3.24	36.99 -0.98 -3.14	39.31 -1.00 -3.10	40.61 -1.00 -3.14	47.97 -1.09 -3.61	55.37 -1.00 -4.07	53.50 -1.11 -3.94	51.82 -0.88 -3.82	48.18 -1.00 -3.62	46.73 -1.02 -3.53	46.30 -1.01 -3.50	46.39 -1.01 -3.51	47.95 -0.90 -3.60	50.48 -1.05 -3.77	57.29 -0.81 -4.16	65.56 -0.74 -4.62	61.55 -0.69 -4.39	59.19 -0.83 -4.29	51.21 -0.83 0.00	46.22 -0.94 0.00	42.32 -0.91 0.00	38.01 -0.89 0.00
S.PERRY__115KV_TB1 80734	40.07 -1.67 0.00	38.62 -1.56 -0.17	35.83 -1.67 -0.44	33.92 -1.50 -0.59	35.76 -1.56 -0.11	37.20 -1.27 0.00	43.77 -1.68 0.00	56.03 -1.73 -5.45	71.07 -1.93 -22.33	82.51 -1.66 -35.29	49.57 -1.73 -5.73	50.85 -1.86 -8.49	55.72 -1.84 -13.75	47.94 -1.84 -5.90	43.84 -1.40 0.00	46.60 -2.10 -0.95	75.41 -1.78 -23.25	77.85 -0.99 -17.17	57.45 -1.68 -1.28	54.73 -1.00 0.00	51.31 -0.73 0.00	46.17 -0.99 0.00	42.89 -0.35 0.00	38.90 0.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.82 -3.92 0.00	36.13 -4.00 -0.13	33.45 -3.93 -0.32	31.80 -3.55 -0.52	33.43 -3.87 -0.08	34.93 -3.54 0.00	40.45 -5.00 0.00	44.69 -5.96 1.65	38.03 -5.88 6.76	32.86 -5.33 10.69	38.91 -4.92 1.74	36.73 -4.91 2.57	34.82 -4.82 4.17	37.27 -4.83 1.79	40.54 -4.71 0.00	41.69 -5.78 0.29	41.18 -6.10 6.66	50.33 -6.41 4.93	50.52 -6.94 0.39	49.87 -5.85 0.01	46.94 -5.10 0.00	42.17 -5.00 0.00	40.08 -3.16 0.00	36.72 -2.18 0.00

SAWYER___23_KV_LOAD 55526	37.82 -3.92 0.00	36.13 -4.00 -0.13	33.45 -3.93 -0.32	31.80 -3.55 -0.52	33.43 -3.87 -0.08	34.93 -3.54 0.00	40.45 -5.00 0.00	44.69 -5.96 1.65	38.03 -5.88 6.76	32.86 -5.33 10.69	38.91 -4.92 1.74	36.73 -4.91 2.57	34.82 -4.82 4.17	37.27 -4.83 1.79	40.54 -4.71 0.00	41.69 -5.78 0.29	41.18 -6.10 6.66	50.33 -6.41 4.93	50.52 -6.94 0.39	49.87 -5.85 0.01	46.94 -5.10 0.00	42.17 -5.00 0.00	40.08 -3.16 0.00	36.72 -2.18 0.00
SELKIRK___I 23801	43.45 1.71 0.00	42.88 1.60 -1.27	41.81 1.44 -3.31	40.35 1.36 -4.16	39.44 1.41 -0.81	39.93 1.46 0.00	47.09 1.63 0.00	53.87 1.57 0.00	52.24 1.57 0.00	50.34 1.46 0.00	46.75 1.18 0.00	45.36 1.15 0.00	44.90 1.10 0.00	44.98 1.10 0.00	46.38 1.13 0.00	49.05 1.29 0.00	55.56 1.62 0.00	63.83 2.16 0.00	59.70 1.85 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.22 0.00	44.36 1.12 0.00	39.95 1.05 0.00
SELKIRK___II 23799	43.37 1.63 0.00	42.77 1.48 -1.29	41.78 1.37 -3.35	40.33 1.29 -4.21	39.41 1.38 -0.82	39.85 1.38 0.00	47.00 1.55 0.00	53.76 1.46 0.00	52.14 1.47 0.00	50.30 1.42 0.00	46.75 1.18 0.00	45.36 1.15 0.00	44.90 1.10 0.00	44.98 1.10 0.00	46.33 1.08 0.00	49.00 1.24 0.00	55.51 1.57 0.00	63.77 2.10 0.00	59.64 1.80 0.00	57.07 1.34 0.00	53.24 1.20 0.00	48.29 1.13 0.00	44.23 1.00 0.00	39.83 0.93 0.00
SENECA OSWGO___HYD 24041	40.32 -1.42 0.00	38.72 -1.36 -0.08	35.96 -1.30 -0.20	33.90 -1.18 -0.25	36.00 -1.27 -0.05	37.24 -1.23 0.00	44.00 -1.46 0.00	50.73 -1.57 0.00	49.10 -1.57 0.00	47.46 -1.42 0.00	44.20 -1.37 0.00	42.80 -1.42 0.00	42.44 -1.36 0.00	42.48 -1.41 0.00	43.89 -1.36 0.00	46.28 -1.48 0.00	52.43 -1.51 0.00	60.25 -1.42 0.00	56.46 -1.39 0.00	54.23 -1.50 0.00	50.64 -1.40 0.00	45.75 -1.41 0.00	41.98 -1.26 0.00	37.81 -1.09 0.00
SENECA___115KV_TB3 355854	38.28 -3.46 0.00	36.10 -4.04 -0.14	33.44 -3.97 -0.35	31.78 -3.59 -0.54	33.43 -3.87 -0.09	35.35 -3.12 0.00	41.00 -4.45 0.00	45.55 -5.02 1.73	38.61 -5.02 7.04	33.30 -4.45 11.13	39.66 -4.10 1.81	37.42 -4.11 2.68	35.43 -4.03 4.34	37.98 -4.04 1.86	41.08 -4.16 0.00	42.63 -4.82 0.30	41.72 -5.07 7.15	51.20 -5.18 5.29	51.71 -5.73 0.41	50.71 -5.02 0.01	47.72 -4.32 0.00	42.92 -4.24 0.00	40.73 -2.51 0.00	37.35 -1.56 0.00
SENECA___ENERGY 23797	40.24 -1.50 0.00	38.65 -1.48 -0.12	35.90 -1.48 -0.32	33.91 -1.32 -0.41	35.92 -1.38 -0.08	37.28 -1.19 0.00	44.09 -1.36 0.00	51.14 -1.52 -0.36	50.58 -1.57 -1.48	49.85 -1.37 -2.34	44.54 -1.41 -0.38	43.27 -1.50 -0.56	43.22 -1.49 -0.91	42.91 -1.36 -0.39	43.89 -1.36 0.00	46.15 -1.67 -0.06	53.97 -1.51 -1.54	61.57 -1.23 -1.14	56.78 -1.16 -0.08	54.34 -1.39 0.00	50.79 -1.25 0.00	45.75 -1.41 0.00	42.28 -0.95 0.00	38.16 -0.74 0.00
SHOEMAKER___GT 23640	43.83 2.09 0.00	42.74 1.84 -0.90	41.02 1.63 -2.34	39.34 1.57 -2.94	39.46 1.68 -0.57	40.24 1.77 0.00	47.63 2.18 0.00	54.76 2.46 0.00	53.25 2.58 0.00	51.37 2.49 0.00	47.85 2.28 0.00	46.51 2.30 0.00	46.04 2.23 0.00	46.08 2.19 0.00	47.37 2.13 0.00	50.19 2.43 0.00	56.85 2.91 0.00	65.49 3.82 0.00	61.14 3.30 0.00	58.30 2.57 0.00	54.44 2.40 0.00	49.43 2.26 0.00	45.05 1.82 0.00	40.34 1.44 0.00
SHOEMAKR_138KV_BK 111 55601	43.79 2.05 0.00	42.70 1.80 -0.89	40.97 1.59 -2.32	39.32 1.57 -2.92	39.46 1.67 -0.57	40.24 1.77 0.00	47.59 2.14 0.00	54.76 2.46 0.00	53.25 2.58 0.00	51.37 2.49 0.00	47.85 2.28 0.00	46.47 2.25 0.00	46.04 2.23 0.00	46.12 2.24 0.00	47.33 2.08 0.00	50.19 2.44 0.00	56.53 2.59 0.00	65.12 3.45 0.00	60.68 2.83 0.00	58.18 2.45 0.00	54.38 2.34 0.00	49.43 2.26 0.00	45.01 1.77 0.00	40.34 1.44 0.00
SHOREHAM_IC_1 23715	45.91 4.17 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.85 3.39 0.00	49.86 4.41 0.00	57.96 5.65 -0.01	56.55 5.87 -0.01	54.35 5.47 0.00	50.76 5.19 0.00	49.69 5.48 0.00	49.01 5.21 0.00	48.97 5.09 0.00	50.22 4.98 0.00	53.30 5.54 0.00	60.85 6.91 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
SHOREHAM_IC_2 23716	45.91 4.17 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.85 3.39 0.00	49.86 4.41 0.00	57.96 5.65 -0.01	56.55 5.87 -0.01	54.35 5.47 0.00	50.76 5.19 0.00	49.69 5.48 0.00	49.01 5.21 0.00	48.97 5.09 0.00	50.22 4.98 0.00	53.30 5.54 0.00	60.85 6.91 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
SISSONVILLE____ 23735	72.23 -0.83 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.29 0.09 -33.75	91.49 1.10 -38.09	87.88 0.30 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.25 0.27 -33.74	83.26 0.24 -35.26	93.99 1.13 -38.92	106.19 1.23 -43.29	100.28 1.33 -41.10	97.13 1.23 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.86 -0.04 0.00
SITHE_IND_GS1 24169	39.95 -1.79 0.00	38.39 -1.68 -0.06	35.62 -1.59 -0.16	33.57 -1.46 -0.20	35.69 -1.56 -0.04	36.85 -1.61 0.00	43.55 -1.91 0.00	50.05 -2.25 0.00	48.49 -2.18 0.00	46.87 -2.01 0.00	43.66 -1.91 0.00	42.31 -1.90 0.00	41.92 -1.88 0.00	42.00 -1.89 0.00	43.39 -1.86 0.00	45.71 -2.05 0.00	51.73 -2.21 0.00	59.32 -2.34 0.00	55.71 -2.14 0.00	53.50 -2.23 0.00	49.96 -2.08 0.00	45.19 -1.98 0.00	41.50 -1.73 0.00	37.38 -1.52 0.00
SITHE_IND_GS2 24170	39.95 -1.79 0.00	38.39 -1.68 -0.06	35.62 -1.59 -0.16	33.57 -1.46 -0.20	35.69 -1.56 -0.04	36.85 -1.61 0.00	43.55 -1.91 0.00	50.05 -2.25 0.00	48.49 -2.18 0.00	46.87 -2.01 0.00	43.66 -1.91 0.00	42.31 -1.90 0.00	41.92 -1.88 0.00	42.00 -1.89 0.00	43.39 -1.86 0.00	45.71 -2.05 0.00	51.73 -2.21 0.00	59.32 -2.34 0.00	55.71 -2.14 0.00	53.50 -2.23 0.00	49.96 -2.08 0.00	45.19 -1.98 0.00	41.50 -1.73 0.00	37.38 -1.52 0.00
SITHE_IND_GS3 24171	39.95 -1.79 0.00	38.39 -1.68 -0.06	35.62 -1.59 -0.16	33.57 -1.46 -0.20	35.69 -1.56 -0.04	36.85 -1.61 0.00	43.55 -1.91 0.00	50.05 -2.25 0.00	48.49 -2.18 0.00	46.87 -2.01 0.00	43.66 -1.91 0.00	42.31 -1.90 0.00	41.92 -1.88 0.00	42.00 -1.89 0.00	43.39 -1.86 0.00	45.71 -2.05 0.00	51.73 -2.21 0.00	59.32 -2.34 0.00	55.71 -2.14 0.00	53.50 -2.23 0.00	49.96 -2.08 0.00	45.19 -1.98 0.00	41.50 -1.73 0.00	37.38 -1.52 0.00
SITHE_IND_GS4 24172	39.95 -1.79 0.00	38.39 -1.68 -0.06	35.62 -1.59 -0.16	33.57 -1.46 -0.20	35.69 -1.56 -0.04	36.85 -1.61 0.00	43.55 -1.91 0.00	50.05 -2.25 0.00	48.49 -2.18 0.00	46.87 -2.01 0.00	43.66 -1.91 0.00	42.31 -1.90 0.00	41.92 -1.88 0.00	42.00 -1.89 0.00	43.39 -1.86 0.00	45.71 -2.05 0.00	51.73 -2.21 0.00	59.32 -2.34 0.00	55.71 -2.14 0.00	53.50 -2.23 0.00	49.96 -2.08 0.00	45.19 -1.98 0.00	41.50 -1.73 0.00	37.38 -1.52 0.00

SITHE___BATAVIA 24024	38.90 -2.84 0.00	37.53 -2.60 -0.13	34.71 -2.67 -0.32	32.89 -2.40 -0.46	34.73 -2.57 -0.08	36.12 -2.35 0.00	42.00 -3.46 0.00	47.40 -4.03 0.88	43.10 -4.00 3.57	39.82 -3.42 5.64	41.37 -3.28 0.92	39.40 -3.45 1.36	38.32 -3.29 2.20	39.60 -3.34 0.95	41.94 -3.30 0.00	43.54 -4.06 0.16	46.07 -4.15 3.72	55.04 -3.88 2.75	54.40 -3.24 0.21	51.94 -3.79 0.00	48.97 -3.07 0.00	43.96 -3.21 0.00	41.33 -1.90 0.00	37.62 -1.28 0.00
SITHE___INDEPEND 23800	39.95 -1.79 0.00	38.38 -1.68 -0.06	35.62 -1.59 -0.16	33.56 -1.46 -0.20	35.69 -1.56 -0.04	36.85 -1.62 0.00	43.50 -1.95 0.00	50.05 -2.25 0.00	48.49 -2.18 0.00	46.83 -2.05 0.00	43.66 -1.91 0.00	42.31 -1.90 0.00	41.92 -1.88 0.00	42.00 -1.89 0.00	43.39 -1.86 0.00	45.66 -2.10 0.00	51.68 -2.27 0.00	59.32 -2.34 0.00	55.42 -2.43 0.00	53.50 -2.23 0.00	49.96 -2.08 0.00	45.23 -1.93 0.00	41.50 -1.73 0.00	37.39 -1.52 0.00
SITHE___MASSENA 23902	38.56 -0.17 3.02	37.00 -0.08 2.92	34.27 -0.04 2.75	32.14 -0.07 2.62	34.35 -0.11 2.76	35.56 -0.08 2.83	42.16 -0.05 3.25	48.74 0.10 3.67	46.96 -0.15 3.55	45.15 -0.29 3.44	42.26 -0.05 3.26	41.03 0.00 3.19	40.69 0.04 3.16	40.76 0.04 3.17	42.04 0.05 3.25	44.41 0.05 3.40	49.98 -0.21 3.75	56.76 -0.74 4.17	53.37 -0.52 3.96	51.92 0.06 3.87	52.20 0.16 0.00	47.26 0.09 0.00	43.41 0.17 0.00	39.18 0.27 0.00
SITHE___OGDNSBRG 24021	73.40 0.33 -31.32	70.44 0.08 -30.36	65.93 0.22 -28.66	62.42 0.28 -27.31	66.19 0.33 -28.64	68.63 0.73 -29.43	80.79 1.59 -33.75	93.58 3.19 -38.09	89.65 2.08 -36.90	86.66 2.05 -35.73	80.97 1.55 -33.85	78.80 1.50 -33.08	77.88 1.27 -32.81	78.17 1.40 -32.88	80.70 1.72 -33.74	84.84 1.81 -35.26	96.09 3.24 -38.92	108.66 3.70 -43.29	102.54 3.59 -41.10	99.31 3.40 -40.18	55.01 2.97 0.00	49.19 2.03 0.00	44.75 1.51 0.00	39.99 1.09 0.00
SITHE___STERLING 23777	44.24 0.71 -1.79	42.40 0.60 -1.79	39.40 0.56 -1.79	37.14 0.56 -1.75	39.52 0.63 -1.67	40.96 0.81 -1.68	48.52 1.14 -1.93	56.05 1.57 -2.18	54.15 1.37 -2.11	52.44 1.52 -2.04	48.74 1.23 -1.93	47.25 1.15 -1.89	46.81 1.14 -1.87	46.90 1.14 -1.88	48.44 1.27 -1.93	51.01 1.24 -2.02	57.89 1.73 -2.22	66.30 2.16 -2.47	62.10 1.91 -2.35	59.70 1.67 -2.30	53.55 1.51 0.00	48.34 1.18 0.00	44.23 1.00 0.00	39.72 0.82 0.00
SLEIGHT__34_KV_TB1 80719	39.65 -2.09 0.00	38.36 -1.76 -0.12	35.63 -1.74 -0.31	33.61 -1.60 -0.38	35.58 -1.71 -0.08	36.70 -1.77 0.00	43.23 -2.23 0.00	49.69 -2.62 0.00	48.08 -2.58 0.00	46.58 -2.30 0.00	43.43 -2.14 0.00	42.05 -2.17 0.00	41.61 -2.19 0.00	41.69 -2.19 0.00	43.44 -1.81 0.00	45.23 -2.53 0.00	51.29 -2.64 0.01	59.26 -2.41 0.01	55.01 -2.83 0.00	53.56 -2.17 0.00	50.06 -1.98 0.00	45.14 -2.03 0.00	41.72 -1.51 0.00	37.66 -1.24 0.00
SOUTH CAIRO___GT 23612	44.54 2.80 0.00	43.54 2.32 -1.22	42.27 2.04 -3.17	40.70 1.88 -3.99	40.00 2.01 -0.77	41.05 2.58 0.00	48.32 2.86 0.00	54.92 2.62 0.00	53.20 2.53 0.00	50.88 2.00 0.00	47.16 1.59 0.00	45.67 1.46 0.00	45.20 1.40 0.00	45.33 1.45 0.00	46.69 1.45 0.00	49.91 2.15 0.00	56.69 2.75 0.00	65.37 3.70 0.00	61.26 3.41 0.00	58.85 3.12 0.00	54.75 2.71 0.00	49.57 2.41 0.00	45.44 2.20 0.00	41.12 2.22 0.00
SOUTH HAMPTN___IC 23720	46.04 4.30 0.00	44.31 3.32 -0.98	42.44 2.81 -2.57	40.60 2.54 -3.23	40.75 2.90 -0.63	41.97 3.50 0.00	50.00 4.54 0.00	58.16 5.86 -0.01	56.75 6.08 -0.01	54.59 5.72 0.00	50.94 5.37 0.00	49.87 5.66 0.00	49.14 5.34 0.00	49.10 5.22 0.00	50.36 5.11 0.00	53.44 5.68 0.00	61.00 7.06 0.00	70.74 9.07 0.00	66.06 8.21 0.00	62.08 6.35 0.00	57.92 5.88 0.00	52.77 5.61 0.00	46.95 3.72 0.00	41.97 3.07 0.00
SOUTHDOW_115KV_TB1 355954	38.44 -3.30 0.00	35.56 -4.60 -0.15	32.96 -4.48 -0.39	31.37 -4.04 -0.58	33.03 -4.28 -0.10	35.54 -2.92 0.00	41.36 -4.09 0.00	47.36 -3.92 1.02	42.57 -3.95 4.15	39.00 -3.32 6.56	41.50 -3.01 1.07	39.58 -3.05 1.58	38.22 -3.02 2.56	39.80 -2.98 1.10	41.76 -3.48 0.00	43.95 -3.63 0.18	46.12 -3.67 4.15	55.27 -3.33 3.07	53.79 -3.82 0.24	52.27 -3.46 0.01	49.28 -2.76 0.00	44.38 -2.78 0.00	42.02 -1.21 0.00	38.59 -0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	46.00 4.26 0.00	44.35 3.36 -0.98	42.48 2.85 -2.57	40.64 2.58 -3.23	40.67 2.83 -0.63	42.05 3.58 0.00	50.09 4.64 0.00	58.32 6.01 -0.01	56.96 6.28 -0.01	54.79 5.91 0.00	50.58 5.01 0.00	49.39 5.17 0.00	48.71 4.91 0.00	48.67 4.78 0.00	49.82 4.57 0.00	52.92 5.16 0.00	59.60 5.66 0.00	69.38 7.71 0.00	64.21 6.36 0.00	60.91 5.18 0.00	57.40 5.36 0.00	52.12 4.95 0.00	46.91 3.67 0.00	42.05 3.15 0.00
SOUTHOLD___IC 23719	46.08 4.34 0.00	44.35 3.36 -0.98	42.48 2.85 -2.57	40.64 2.58 -3.23	40.82 2.98 -0.63	42.05 3.58 0.00	50.14 4.68 0.00	58.32 6.01 -0.01	56.96 6.28 -0.01	54.79 5.91 0.00	50.99 5.42 0.00	49.96 5.75 0.00	49.23 5.43 0.00	49.15 5.26 0.00	50.36 5.11 0.00	53.49 5.73 0.00	61.12 7.17 0.00	70.98 9.31 0.00	66.23 8.38 0.00	62.19 6.46 0.00	57.97 5.93 0.00	52.82 5.66 0.00	46.91 3.67 0.00	42.05 3.15 0.00
SOUTH_FORK_WT_PWR 323839	45.79 4.05 0.00	44.03 3.04 -0.98	42.22 2.59 -2.57	40.39 2.33 -3.23	40.56 2.72 -0.63	41.74 3.27 0.00	49.77 4.32 0.00	57.96 5.65 -0.01	56.60 5.93 -0.01	54.45 5.57 0.00	50.58 5.01 0.00	49.56 5.35 0.00	48.84 5.04 0.00	48.75 4.87 0.00	49.95 4.71 0.00	53.01 5.25 0.00	60.57 6.63 0.00	70.37 8.70 0.00	65.65 7.81 0.00	61.64 5.90 0.00	57.45 5.41 0.00	52.35 5.19 0.00	46.48 3.24 0.00	41.78 2.88 0.00
SPIERFLS_115KV_TB 1 80737	43.33 1.59 0.00	42.93 1.60 -1.33	41.89 1.37 -3.46	40.40 1.22 -4.35	39.36 1.30 -0.85	40.05 1.58 0.00	47.54 2.09 0.00	54.60 2.30 0.00	53.05 2.38 0.00	51.08 2.20 0.00	47.35 1.78 0.00	45.85 1.64 0.00	45.34 1.53 0.00	45.51 1.62 0.00	46.87 1.63 0.00	49.72 1.96 0.00	56.26 2.32 0.00	64.75 3.08 0.00	60.51 2.66 0.00	58.02 2.28 0.00	54.07 2.03 0.00	49.00 1.84 0.00	44.62 1.38 0.00	39.99 1.09 0.00
ST LAWRENCE____ 23600	38.27 -0.46 3.02	36.72 -0.36 2.92	34.01 -0.30 2.75	31.90 -0.31 2.62	34.09 -0.37 2.76	35.29 -0.35 2.83	41.79 -0.41 3.25	48.27 -0.36 3.67	46.56 -0.56 3.55	44.80 -0.64 3.44	41.90 -0.41 3.26	40.63 -0.40 3.19	40.29 -0.35 3.16	40.37 -0.35 3.17	41.68 -0.31 3.25	44.03 -0.33 3.40	49.49 -0.70 3.75	56.20 -1.30 4.17	52.85 -1.04 3.96	51.41 -0.45 3.87	51.68 -0.36 0.00	46.84 -0.33 0.00	43.02 -0.22 0.00	38.82 -0.08 0.00
STATE_CA_115KV_115_LB 55624	43.66 1.92 0.00	43.15 1.84 -1.31	42.13 1.67 -3.40	40.64 1.53 -4.28	39.68 1.64 -0.83	40.20 1.73 0.00	47.27 1.82 0.00	53.97 1.67 0.00	52.39 1.72 0.00	50.54 1.66 0.00	46.89 1.32 0.00	45.50 1.28 0.00	45.07 1.27 0.00	45.16 1.27 0.00	46.47 1.22 0.00	49.19 1.43 0.00	55.50 1.56 0.00	63.76 2.10 0.00	59.58 1.74 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.23 0.00	44.27 1.04 0.00	39.99 1.09 0.00

STATE_ST_34_KV_LOAD 55959	40.87 -0.88 0.00	39.25 -0.88 -0.12	36.52 -0.85 -0.31	34.46 -0.77 -0.40	36.51 -0.78 -0.08	37.81 -0.65 0.00	44.77 -0.68 0.00	51.62 -0.68 0.00	50.01 -0.66 0.00	48.39 -0.49 0.00	45.02 -0.55 0.00	43.59 -0.62 0.00	43.15 -0.66 0.00	43.27 -0.61 0.00	44.75 -0.50 0.00	46.99 -0.76 0.00	53.29 -0.65 0.00	61.42 -0.25 0.00	57.21 -0.64 0.00	55.29 -0.45 0.00	51.62 -0.42 0.00	46.60 -0.57 0.00	42.76 -0.48 0.00	38.51 -0.39 0.00
STATION_5_MISC_HYD 23604	39.19 -2.55 0.00	38.09 -2.04 -0.12	35.34 -2.04 -0.32	33.38 -1.85 -0.40	35.28 -2.01 -0.08	36.31 -2.15 0.00	42.50 -2.95 0.00	48.53 -3.77 0.00	46.92 -3.75 0.00	45.60 -3.27 0.00	42.47 -3.10 0.00	41.03 -3.18 0.00	40.74 -3.07 0.00	40.77 -3.11 0.00	42.48 -2.76 0.00	44.27 -3.48 0.00	50.10 -3.83 0.01	57.90 -3.76 0.01	54.96 -2.89 0.00	52.44 -3.29 0.00	49.23 -2.81 0.00	44.34 -2.83 0.00	41.29 -1.94 0.00	37.38 -1.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.95 -1.79 0.00	38.65 -1.48 -0.12	35.86 -1.52 -0.32	33.87 -1.36 -0.40	35.84 -1.45 -0.08	37.01 -1.46 0.00	43.54 -1.91 0.00	50.05 -2.25 0.00	48.39 -2.28 0.00	46.92 -1.96 0.00	43.70 -1.87 0.00	42.40 -1.81 0.00	41.92 -1.88 0.00	42.00 -1.89 0.00	43.75 -1.49 0.00	45.56 -2.20 0.00	51.73 -2.21 0.00	59.76 -1.91 0.00	55.48 -2.37 0.00	53.95 -1.78 0.00	50.48 -1.56 0.00	45.56 -1.60 0.00	42.11 -1.12 0.00	38.05 -0.86 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.07 -2.67 0.00	37.97 -2.16 -0.12	35.23 -2.15 -0.32	33.28 -1.95 -0.40	35.21 -2.08 -0.08	36.16 -2.31 0.00	42.36 -3.09 0.00	48.48 -3.82 0.00	46.92 -3.75 0.00	45.51 -3.37 0.00	42.43 -3.14 0.00	41.12 -3.09 0.00	40.74 -3.07 0.00	40.77 -3.12 0.00	42.62 -2.62 0.00	44.13 -3.63 0.00	50.10 -3.83 0.01	57.84 -3.82 0.01	53.68 -4.16 0.00	52.44 -3.29 0.00	49.13 -2.91 0.00	44.29 -2.88 0.00	41.16 -2.08 0.00	37.23 -1.67 0.00
STA_56___34_KV_BUS2 355983	39.07 -2.67 0.00	37.97 -2.16 -0.12	35.23 -2.15 -0.32	33.28 -1.95 -0.40	35.21 -2.08 -0.08	36.16 -2.31 0.00	42.36 -3.09 0.00	48.48 -3.82 0.00	46.92 -3.75 0.00	45.51 -3.37 0.00	42.43 -3.14 0.00	41.12 -3.09 0.00	40.74 -3.07 0.00	40.77 -3.12 0.00	42.62 -2.62 0.00	44.13 -3.63 0.00	50.10 -3.83 0.01	57.84 -3.82 0.01	53.68 -4.16 0.00	52.44 -3.29 0.00	49.13 -2.91 0.00	44.29 -2.88 0.00	41.16 -2.08 0.00	37.23 -1.67 0.00
STA_67___115KV_BK2 355882	39.11 -2.63 0.00	38.01 -2.12 -0.12	35.27 -2.11 -0.32	33.32 -1.92 -0.40	35.25 -2.05 -0.08	36.20 -2.27 0.00	42.36 -3.09 0.00	48.43 -3.87 0.00	46.82 -3.85 0.00	45.41 -3.47 0.00	42.33 -3.24 0.00	41.03 -3.18 0.00	40.65 -3.15 0.00	40.68 -3.20 0.00	42.58 -2.67 0.00	44.03 -3.73 0.00	49.99 -3.94 0.01	57.72 -3.95 0.01	53.57 -4.28 0.00	52.39 -3.34 0.00	49.13 -2.91 0.00	44.24 -2.92 0.00	41.20 -2.03 0.00	37.31 -1.59 0.00
STA_7___115KV_9TRANS 80674	39.36 -2.38 0.00	38.25 -1.88 -0.12	35.45 -1.93 -0.32	33.49 -1.74 -0.40	35.43 -1.86 -0.08	36.39 -2.08 0.00	42.63 -2.82 0.00	48.80 -3.50 0.00	47.17 -3.50 0.00	45.80 -3.08 0.00	42.70 -2.87 0.00	41.38 -2.83 0.00	41.00 -2.80 0.00	41.03 -2.85 0.00	42.94 -2.31 0.00	44.42 -3.34 0.00	50.43 -3.51 0.01	58.27 -3.39 0.01	54.09 -3.76 0.00	52.83 -2.90 0.00	49.54 -2.50 0.00	44.62 -2.55 0.00	41.50 -1.73 0.00	37.54 -1.36 0.00
STA_82___115KV_TB1 80780	39.15 -2.59 0.00	38.05 -2.08 -0.12	35.27 -2.11 -0.32	33.32 -1.92 -0.40	35.25 -2.05 -0.08	36.20 -2.27 0.00	42.36 -3.09 0.00	48.43 -3.87 0.00	46.82 -3.85 0.00	45.46 -3.42 0.00	42.38 -3.19 0.00	41.07 -3.14 0.00	40.65 -3.15 0.00	40.68 -3.20 0.00	42.62 -2.62 0.00	44.08 -3.68 0.00	50.00 -3.94 0.00	57.78 -3.89 0.00	53.57 -4.28 0.00	52.39 -3.34 0.00	49.13 -2.91 0.00	44.29 -2.88 0.00	41.20 -2.03 0.00	37.31 -1.59 0.00
STEEL___WIND 323596	38.19 -3.55 0.00	36.02 -4.12 -0.14	33.40 -4.00 -0.35	31.71 -3.66 -0.54	33.40 -3.91 -0.09	35.39 -3.08 0.00	41.04 -4.41 0.00	45.45 -5.12 1.73	38.56 -5.07 7.04	33.30 -4.45 11.13	39.57 -4.19 1.81	37.15 -4.38 2.68	35.30 -4.16 4.34	37.89 -4.13 1.86	40.72 -4.52 0.00	42.39 -5.06 0.30	41.55 -5.23 7.15	51.08 -5.30 5.29	52.41 -5.03 0.41	50.48 -5.24 0.01	47.67 -4.37 0.00	42.78 -4.38 0.00	40.64 -2.59 0.00	37.31 -1.60 0.00
STEPHTWN_115KV_BK_2 55603	44.00 2.25 0.00	43.46 2.16 -1.29	42.35 1.93 -3.37	40.84 1.78 -4.23	39.94 1.90 -0.82	40.51 2.04 0.00	47.73 2.27 0.00	54.50 2.20 0.00	52.90 2.23 0.00	51.03 2.15 0.00	47.30 1.73 0.00	45.89 1.68 0.00	45.38 1.58 0.00	45.46 1.58 0.00	46.83 1.58 0.00	49.62 1.86 0.00	56.04 2.10 0.00	64.44 2.78 0.00	60.16 2.31 0.00	57.74 2.01 0.00	53.86 1.82 0.00	48.86 1.70 0.00	44.70 1.47 0.00	40.34 1.44 0.00
STEUBEN_REC_LFGE 323667	38.86 -2.88 0.00	36.82 -3.40 -0.22	34.33 -3.30 -0.57	32.59 -3.00 -0.76	34.19 -3.16 -0.14	36.12 -2.35 0.00	42.77 -2.68 0.00	53.44 -2.62 -3.76	63.11 -2.94 -15.38	70.60 -2.59 -24.32	47.06 -2.46 -3.95	47.37 -2.70 -5.85	50.83 -2.45 -9.48	45.62 -2.33 -4.06	42.76 -2.49 0.00	45.78 -2.63 -0.65	67.56 -2.43 -16.05	71.67 -1.85 -11.85	56.24 -2.49 -0.88	53.72 -2.01 0.00	50.58 -1.46 0.00	45.51 -1.65 0.00	42.54 -0.69 0.00	38.90 0.00 0.00
STILLWATER___SOLAR 323814	44.08 2.34 0.00	43.56 2.24 -1.32	42.50 2.00 -3.44	40.97 1.81 -4.33	39.99 1.93 -0.84	40.58 2.11 0.00	48.18 2.73 0.00	55.28 2.98 0.00	53.66 2.99 0.00	51.61 2.74 0.00	47.94 2.37 0.00	46.51 2.30 0.00	45.99 2.19 0.00	46.12 2.24 0.00	47.55 2.31 0.00	50.34 2.58 0.00	57.07 3.13 0.00	65.67 4.01 0.00	61.43 3.59 0.00	58.74 3.01 0.00	54.75 2.70 0.00	49.62 2.45 0.00	45.31 2.08 0.00	40.61 1.71 0.00
STONY___BROOK 24151	45.71 3.97 0.00	44.03 3.04 -0.98	42.22 2.59 -2.57	40.39 2.33 -3.23	40.48 2.64 -0.63	41.66 3.19 0.00	49.63 4.18 0.00	57.70 5.39 -0.01	56.30 5.62 -0.01	54.16 5.28 0.00	50.63 5.06 0.00	49.52 5.30 0.00	48.84 5.04 0.00	48.84 4.96 0.00	50.09 4.84 0.00	53.15 5.40 0.00	60.52 6.58 0.00	70.05 8.39 0.00	65.42 7.58 0.00	61.47 5.74 0.00	57.50 5.46 0.00	52.45 5.28 0.00	46.73 3.50 0.00	41.66 2.76 0.00
STURGEON_POOL_HYD 23609	44.96 3.21 0.00	43.98 2.96 -1.02	42.30 2.59 -2.65	40.66 2.51 -3.33	40.54 2.68 -0.65	41.32 2.85 0.00	48.95 3.50 0.00	56.22 3.92 0.00	54.72 4.05 0.00	52.64 3.76 0.00	49.08 3.51 0.00	47.62 3.40 0.00	47.13 3.33 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.68 3.92 0.00	58.26 4.32 0.00	67.34 5.67 0.00	62.71 4.86 0.00	60.08 4.35 0.00	56.10 4.06 0.00	50.89 3.73 0.00	46.30 3.07 0.00	41.43 2.53 0.00
ST_LAW_115_BK7_LBMP 345037	38.27 -0.46 3.02	36.72 -0.36 2.92	34.01 -0.30 2.75	31.90 -0.31 2.62	34.09 -0.37 2.76	35.29 -0.35 2.83	41.79 -0.41 3.25	48.27 -0.36 3.67	46.56 -0.56 3.55	44.80 -0.64 3.44	41.90 -0.41 3.26	40.63 -0.40 3.19	40.29 -0.35 3.16	40.37 -0.35 3.17	41.68 -0.31 3.25	44.03 -0.33 3.40	49.49 -0.70 3.75	56.20 -1.30 4.17	52.85 -1.04 3.96	51.41 -0.45 3.87	51.68 -0.36 0.00	46.84 -0.33 0.00	43.02 -0.22 0.00	38.82 -0.08 0.00

ST_LAW_115_BK8_LBMP 345038	38.27 -0.46 3.02	36.72 -0.36 2.92	34.01 -0.30 2.75	31.90 -0.31 2.62	34.09 -0.37 2.76	35.29 -0.35 2.83	41.79 -0.41 3.25	48.27 -0.36 3.67	46.56 -0.56 3.55	44.80 -0.64 3.44	41.90 -0.41 3.26	40.63 -0.40 3.19	40.29 -0.35 3.16	40.37 -0.35 3.17	41.68 -0.31 3.25	44.03 -0.33 3.40	49.49 -0.70 3.75	56.20 -1.30 4.17	52.85 -1.04 3.96	51.41 -0.45 3.87	51.68 -0.36 0.00	46.84 -0.33 0.00	43.02 -0.22 0.00	38.82 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	38.27 -0.46 3.02	36.72 -0.36 2.92	34.01 -0.30 2.75	31.90 -0.31 2.62	34.09 -0.37 2.76	35.29 -0.35 2.83	41.79 -0.41 3.25	48.27 -0.36 3.67	46.56 -0.56 3.55	44.80 -0.64 3.44	41.90 -0.41 3.26	40.63 -0.40 3.19	40.29 -0.35 3.16	40.37 -0.35 3.17	41.68 -0.31 3.25	44.03 -0.33 3.40	49.49 -0.70 3.75	56.20 -1.30 4.17	52.85 -1.04 3.96	51.41 -0.45 3.87	51.68 -0.36 0.00	46.84 -0.33 0.00	43.02 -0.22 0.00	38.82 -0.08 0.00
ST_LAW_230_BK6_LBMP 345036	38.27 -0.46 3.02	36.72 -0.36 2.92	34.01 -0.30 2.75	31.90 -0.31 2.62	34.09 -0.37 2.76	35.29 -0.35 2.83	41.79 -0.41 3.25	48.27 -0.36 3.67	46.56 -0.56 3.55	44.80 -0.64 3.44	41.90 -0.41 3.26	40.63 -0.40 3.19	40.29 -0.35 3.16	40.37 -0.35 3.17	41.68 -0.31 3.25	44.03 -0.33 3.40	49.49 -0.70 3.75	56.20 -1.30 4.17	52.85 -1.04 3.96	51.41 -0.45 3.87	51.68 -0.36 0.00	46.84 -0.33 0.00	43.02 -0.22 0.00	38.82 -0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.95 2.21 0.00	42.88 1.96 -0.91	41.18 1.74 -2.38	39.53 1.71 -3.00	39.58 1.79 -0.58	40.35 1.88 0.00	47.77 2.32 0.00	54.97 2.67 0.00	53.46 2.79 0.00	51.62 2.74 0.00	48.08 2.51 0.00	46.69 2.48 0.00	46.26 2.45 0.00	46.30 2.41 0.00	47.51 2.26 0.00	50.43 2.67 0.00	56.80 2.86 0.00	65.43 3.76 0.00	60.91 3.07 0.00	58.35 2.62 0.00	54.54 2.50 0.00	49.62 2.45 0.00	45.18 1.95 0.00	40.46 1.56 0.00
SWANROAD_115KV_TB1 355699	36.98 -4.76 0.00	35.57 -4.56 -0.13	32.93 -4.45 -0.32	31.29 -4.04 -0.50	32.94 -4.35 -0.08	34.16 -4.31 0.00	39.50 -5.95 0.00	44.17 -6.85 1.28	38.67 -6.79 5.21	34.45 -6.21 8.22	38.43 -5.79 1.35	36.52 -5.70 1.99	35.03 -5.56 3.21	36.84 -5.66 1.39	39.54 -5.70 0.00	40.51 -7.02 0.23	41.25 -7.23 5.46	49.93 -7.71 4.03	49.26 -8.27 0.31	48.48 -7.25 0.01	45.69 -6.35 0.00	41.03 -6.13 0.00	39.08 -4.15 0.00	35.83 -3.07 0.00
SYNERGY___BIOGAS 323694	38.90 -2.84 0.00	37.53 -2.60 -0.13	34.71 -2.67 -0.32	32.89 -2.40 -0.46	34.73 -2.57 -0.08	36.12 -2.35 0.00	42.00 -3.46 0.00	47.40 -4.03 0.88	43.10 -4.00 3.57	39.82 -3.42 5.64	41.37 -3.28 0.92	39.40 -3.45 1.36	38.32 -3.29 2.20	39.60 -3.34 0.95	41.94 -3.30 0.00	43.54 -4.06 0.16	46.07 -4.15 3.72	55.04 -3.88 2.75	54.40 -3.24 0.21	51.94 -3.79 0.00	48.97 -3.07 0.00	43.96 -3.21 0.00	41.33 -1.90 0.00	37.62 -1.28 0.00
SYRACUSE___ENERGY_ST1 323597	40.82 -0.92 0.00	39.22 -0.88 -0.09	36.45 -0.85 -0.25	34.37 -0.77 -0.31	36.46 -0.82 -0.06	37.70 -0.77 0.00	44.59 -0.86 0.00	51.41 -0.89 0.00	49.81 -0.86 0.00	48.15 -0.73 0.00	44.80 -0.77 0.00	43.42 -0.80 0.00	43.01 -0.79 0.00	43.09 -0.79 0.00	44.52 -0.72 0.00	46.85 -0.91 0.00	53.08 -0.86 0.00	60.99 -0.68 0.00	56.92 -0.93 0.00	54.95 -0.78 0.00	51.31 -0.73 0.00	46.36 -0.80 0.00	42.58 -0.65 0.00	38.32 -0.58 0.00
SYRACUSE___ENERGY_ST2 323598	40.82 -0.92 0.00	39.22 -0.88 -0.09	36.45 -0.85 -0.25	34.37 -0.77 -0.31	36.46 -0.82 -0.06	37.70 -0.77 0.00	44.59 -0.86 0.00	51.41 -0.89 0.00	49.81 -0.86 0.00	48.15 -0.73 0.00	44.80 -0.77 0.00	43.42 -0.80 0.00	43.01 -0.79 0.00	43.09 -0.79 0.00	44.52 -0.72 0.00	46.85 -0.91 0.00	53.08 -0.86 0.00	60.99 -0.68 0.00	56.92 -0.93 0.00	54.95 -0.78 0.00	51.31 -0.73 0.00	46.36 -0.80 0.00	42.58 -0.65 0.00	38.32 -0.58 0.00
SYRACUSE___POWER 24017	40.95 -0.79 0.00	39.31 -0.80 -0.11	36.56 -0.78 -0.28	34.49 -0.70 -0.36	36.58 -0.71 -0.07	37.81 -0.65 0.00	44.73 -0.73 0.00	51.57 -0.73 0.00	49.96 -0.71 0.00	48.29 -0.59 0.00	44.98 -0.59 0.00	43.55 -0.66 0.00	43.15 -0.66 0.00	43.23 -0.66 0.00	44.66 -0.59 0.00	46.99 -0.76 0.00	53.24 -0.70 0.00	61.17 -0.49 0.00	57.04 -0.81 0.00	55.12 -0.61 0.00	51.42 -0.62 0.00	46.46 -0.71 0.00	42.71 -0.52 0.00	38.44 -0.47 0.00
TALLMAN___138KV_BK151 55660	44.08 2.34 0.00	43.00 2.04 -0.95	41.35 1.82 -2.47	39.72 1.78 -3.11	39.72 1.90 -0.60	40.47 2.00 0.00	47.86 2.41 0.00	55.13 2.82 0.00	53.66 2.99 0.00	51.81 2.93 0.00	48.26 2.69 0.00	46.91 2.70 0.00	46.43 2.63 0.00	46.52 2.63 0.00	47.69 2.44 0.00	50.58 2.82 0.00	56.91 2.97 0.00	65.61 3.95 0.00	61.03 3.18 0.00	58.46 2.73 0.00	54.64 2.60 0.00	49.76 2.59 0.00	45.26 2.03 0.00	40.50 1.59 0.00
TEALLAVE_115KV_TB7 355573	40.74 -1.00 0.00	39.14 -0.96 -0.09	36.37 -0.93 -0.24	34.29 -0.84 -0.30	36.42 -0.86 -0.06	37.62 -0.85 0.00	44.50 -0.95 0.00	51.31 -0.99 0.00	49.71 -0.96 0.00	48.05 -0.83 0.00	44.75 -0.82 0.00	43.33 -0.88 0.00	42.93 -0.88 0.00	43.01 -0.88 0.00	44.43 -0.81 0.00	46.71 -1.05 0.00	52.92 -1.02 0.00	60.80 -0.86 0.00	56.69 -1.16 0.00	54.73 -1.00 0.00	51.10 -0.94 0.00	46.22 -0.94 0.00	42.45 -0.78 0.00	38.24 -0.66 0.00
TELGRAPH_34_KV_EAST 80808	38.28 -3.46 0.00	36.81 -3.32 -0.13	34.08 -3.30 -0.32	32.34 -2.96 -0.47	34.10 -3.20 -0.08	35.39 -3.08 0.00	41.09 -4.36 0.00	46.18 -5.07 1.05	41.40 -5.02 4.25	37.66 -4.50 6.72	40.33 -4.15 1.10	38.43 -4.16 1.62	37.11 -4.07 2.62	38.63 -4.13 1.13	41.35 -3.89 0.00	42.46 -5.11 0.19	44.33 -5.18 4.43	53.15 -5.24 3.27	51.70 -5.90 0.25	50.82 -4.90 0.00	47.83 -4.22 0.00	42.97 -4.20 0.00	40.60 -2.64 0.00	37.03 -1.87 0.00
TEMPLE___115KV_TB 2 55572	40.78 -0.96 0.00	39.18 -0.92 -0.09	36.41 -0.89 -0.24	34.33 -0.80 -0.30	36.42 -0.86 -0.06	37.66 -0.81 0.00	44.54 -0.91 0.00	51.36 -0.94 0.00	49.76 -0.91 0.00	48.10 -0.78 0.00	44.80 -0.77 0.00	43.37 -0.84 0.00	42.97 -0.83 0.00	43.05 -0.83 0.00	44.48 -0.77 0.00	46.76 -1.00 0.00	52.97 -0.97 0.00	60.87 -0.80 0.00	56.75 -1.10 0.00	54.78 -0.95 0.00	51.16 -0.88 0.00	46.22 -0.94 0.00	42.50 -0.73 0.00	38.28 -0.62 0.00
TIANA____69_KV_BK 1 55817	45.92 4.17 0.00	44.31 3.32 -0.98	42.44 2.82 -2.57	40.60 2.54 -3.23	40.60 2.75 -0.63	41.97 3.50 0.00	49.95 4.50 0.00	58.11 5.81 -0.01	56.76 6.08 -0.01	54.55 5.67 0.00	50.54 4.97 0.00	49.30 5.08 0.00	48.67 4.86 0.00	48.67 4.78 0.00	49.82 4.57 0.00	52.87 5.11 0.00	59.50 5.56 0.00	69.13 7.46 0.00	64.04 6.19 0.00	60.80 5.07 0.00	57.35 5.31 0.00	52.07 4.91 0.00	46.99 3.76 0.00	41.94 3.03 0.00
TILDEN___115KV_TB1 80814	40.95 -0.79 0.00	39.31 -0.80 -0.11	36.56 -0.78 -0.28	34.49 -0.70 -0.36	36.58 -0.71 -0.07	37.81 -0.65 0.00	44.73 -0.73 0.00	51.57 -0.73 0.00	49.96 -0.71 0.00	48.29 -0.59 0.00	44.98 -0.59 0.00	43.55 -0.66 0.00	43.15 -0.66 0.00	43.23 -0.66 0.00	44.66 -0.59 0.00	46.99 -0.76 0.00	53.24 -0.70 0.00	61.17 -0.49 0.00	57.04 -0.81 0.00	55.12 -0.61 0.00	51.42 -0.62 0.00	46.46 -0.71 0.00	42.71 -0.52 0.00	38.44 -0.47 0.00

TRIGEN__CC 323695	44.75 3.01 0.00	43.35 2.36 -0.99	41.63 2.00 -2.57	39.91 1.85 -3.23	39.78 1.94 -0.63	40.89 2.42 0.00	48.59 3.14 0.00	56.22 3.92 0.00	54.87 4.21 0.00	52.89 4.01 0.00	49.22 3.65 0.00	47.97 3.76 0.00	47.48 3.68 0.00	47.53 3.64 0.00	48.64 3.39 0.00	51.58 3.82 0.00	57.77 3.83 0.00	66.79 5.12 0.00	61.95 4.11 0.00	59.07 3.34 0.00	55.63 3.59 0.00	50.70 3.54 0.00	45.78 2.55 0.00	40.89 1.98 0.00
TRINITY__115KV__ 4 BK 55933	43.58 1.84 0.00	43.06 1.76 -1.30	42.03 1.59 -3.38	40.57 1.50 -4.24	39.64 1.60 -0.83	40.12 1.65 0.00	47.18 1.73 0.00	53.87 1.57 0.00	52.29 1.62 0.00	50.44 1.56 0.00	46.80 1.23 0.00	45.41 1.19 0.00	44.94 1.14 0.00	45.02 1.14 0.00	46.38 1.13 0.00	49.05 1.29 0.00	55.40 1.46 0.00	63.64 1.97 0.00	59.41 1.56 0.00	57.07 1.34 0.00	53.24 1.20 0.00	48.30 1.13 0.00	44.18 0.95 0.00	39.91 1.01 0.00
UNION__PROCESSING_DRP 323587	39.15 -2.59 0.00	38.05 -2.08 -0.12	35.27 -2.11 -0.32	33.35 -1.88 -0.40	35.25 -2.05 -0.08	36.20 -2.27 0.00	42.36 -3.09 0.00	48.43 -3.87 0.00	46.88 -3.80 -0.01	45.47 -3.42 -0.01	42.38 -3.19 0.00	41.08 -3.14 0.00	40.70 -3.11 -0.01	40.73 -3.16 0.00	42.62 -2.62 0.00	44.08 -3.68 0.00	50.06 -3.88 0.00	57.79 -3.89 0.00	53.62 -4.22 0.00	52.44 -3.29 0.00	49.13 -2.91 0.00	44.29 -2.88 0.00	41.20 -2.03 0.00	37.31 -1.59 0.00
UPPER HUDSON__HYD 24058	43.37 1.63 0.00	42.94 1.60 -1.33	41.89 1.37 -3.46	40.40 1.22 -4.35	39.36 1.30 -0.85	40.01 1.54 0.00	47.59 2.14 0.00	54.60 2.30 0.00	53.05 2.38 0.00	51.03 2.15 0.00	47.35 1.78 0.00	45.89 1.68 0.00	45.34 1.53 0.00	45.51 1.62 0.00	46.92 1.68 0.00	49.67 1.91 0.00	56.37 2.43 0.00	64.93 3.27 0.00	60.74 2.89 0.00	58.07 2.34 0.00	54.07 2.03 0.00	49.00 1.84 0.00	44.62 1.38 0.00	39.99 1.09 0.00
UPPER RAQUET__HYD 24056	72.18 -0.88 -31.32	69.40 -0.96 -30.36	64.93 -0.78 -28.66	61.45 -0.70 -27.31	65.15 -0.71 -28.64	67.47 -0.42 -29.43	79.25 0.05 -33.75	91.49 1.10 -38.09	87.88 0.31 -36.90	84.95 0.34 -35.73	79.55 0.14 -33.85	77.47 0.18 -33.08	76.61 0.00 -32.81	76.85 0.09 -32.88	79.26 0.27 -33.74	83.26 0.24 -35.26	93.88 1.02 -38.92	106.07 1.11 -43.29	100.05 1.10 -41.10	97.08 1.17 -40.18	53.03 0.99 0.00	47.59 0.42 0.00	43.32 0.09 0.00	38.86 -0.04 0.00
VALLEY44_115KV_TB2 355964	38.69 -3.05 0.00	35.12 -5.04 -0.16	32.61 -4.85 -0.41	30.97 -4.46 -0.59	32.55 -4.76 -0.10	35.78 -2.69 0.00	41.73 -3.73 0.00	48.39 -3.14 0.77	44.23 -3.29 3.14	41.08 -2.83 4.97	42.12 -2.64 0.81	40.32 -2.70 1.20	39.28 -2.58 1.94	40.46 -2.59 0.83	41.45 -3.80 0.00	44.47 -3.15 0.14	47.56 -3.24 3.15	56.26 -3.08 2.33	53.90 -3.76 0.18	51.21 -4.51 0.01	48.14 -3.90 0.00	43.25 -3.91 0.00	40.86 -2.38 0.00	37.74 -1.17 0.00
VALLEY__115KV_TB 1-4 80826	41.95 0.21 0.00	40.29 0.28 0.00	37.39 0.33 0.00	35.11 0.28 0.00	37.48 0.26 0.00	38.78 0.31 0.00	45.82 0.36 0.00	52.77 0.47 0.00	51.07 0.41 0.00	49.32 0.44 0.00	45.89 0.32 0.00	44.52 0.31 0.00	44.11 0.31 0.00	44.15 0.26 0.00	45.52 0.27 0.00	48.05 0.29 0.00	54.32 0.38 0.00	62.16 0.49 0.00	58.19 0.35 0.00	56.01 0.28 0.00	52.35 0.31 0.00	47.59 0.42 0.00	43.62 0.39 0.00	39.25 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.95 2.21 0.00	42.42 1.96 -0.45	40.08 1.85 -1.17	38.12 1.81 -1.48	39.47 1.97 -0.29	40.55 2.08 0.00	48.09 2.64 0.00	55.75 3.45 0.00	53.96 3.29 0.00	52.25 3.37 0.00	48.53 2.96 0.00	47.04 2.83 0.00	46.56 2.76 0.00	46.60 2.72 0.00	47.96 2.71 0.00	50.62 2.87 0.00	57.46 3.51 -0.01	65.99 4.32 -0.01	61.55 3.70 0.00	59.19 3.46 0.00	55.27 3.23 0.00	49.99 2.83 0.00	45.70 2.46 0.00	40.96 2.06 0.00
VISCHER__FERRY HYD 24020	43.95 2.21 0.00	43.35 2.04 -1.31	42.31 1.85 -3.41	40.82 1.71 -4.28	39.87 1.82 -0.83	40.39 1.92 0.00	47.82 2.36 0.00	54.86 2.56 0.00	53.25 2.58 0.00	51.32 2.44 0.00	47.71 2.14 0.00	46.29 2.08 0.00	45.82 2.02 0.00	45.90 2.02 0.00	47.28 2.04 0.00	50.00 2.25 0.00	56.69 2.75 0.00	65.18 3.51 0.00	60.91 3.06 0.00	58.24 2.51 0.00	54.28 2.24 0.00	49.29 2.12 0.00	45.01 1.77 0.00	40.38 1.48 0.00
V_A_10_SYNC_DSASP 323832	37.90 -3.84 0.00	36.91 -3.24 -0.15	34.26 -3.19 -0.39	32.39 -2.89 -0.45	34.14 -3.16 -0.09	35.12 -3.35 0.00	40.82 -4.64 0.00	45.44 -6.01 0.84	41.23 -5.98 3.46	38.03 -5.38 5.47	39.58 -5.10 0.89	37.68 -5.22 1.32	36.68 -4.99 2.13	37.97 -5.00 0.91	40.54 -4.71 0.00	41.88 -5.73 0.15	44.00 -6.31 3.63	52.33 -6.66 2.68	52.21 -5.44 0.20	49.94 -5.80 0.00	47.10 -4.95 0.00	42.31 -4.86 0.00	39.95 -3.29 0.00	36.37 -2.53 0.00
V_CMM_10_SYNC_DSASP 323787	38.44 -0.29 3.02	36.89 -0.20 2.92	34.16 -0.15 2.75	32.04 -0.17 2.62	34.24 -0.22 2.76	35.44 -0.19 2.83	42.02 -0.18 3.25	48.53 -0.10 3.67	46.81 -0.30 3.55	45.00 -0.44 3.44	42.13 -0.18 3.26	40.90 -0.13 3.19	40.51 -0.13 3.16	40.63 -0.09 3.17	41.91 -0.09 3.25	44.27 -0.10 3.40	49.76 -0.43 3.75	56.51 -0.99 4.17	53.14 -0.75 3.96	51.70 -0.17 3.87	51.99 -0.05 0.00	47.07 -0.09 0.00	43.23 0.00 0.00	39.02 0.12 0.00
V_CMP_10_SYNC_DSASP 323788	-6.65 -1.50 46.89	-6.76 -1.36 45.40	-6.91 -1.19 42.78	-7.06 -1.15 40.74	-6.86 -1.23 42.85	-6.70 -1.12 44.05	-6.25 -1.18 50.52	-5.71 -1.00 57.02	-5.89 -1.32 55.24	-6.07 -1.47 53.48	-6.28 -1.19 50.67	-6.46 -1.15 49.52	-6.45 -1.14 49.11	-6.48 -1.14 49.22	-6.34 -1.09 50.50	-6.13 -1.10 52.79	-5.61 -1.30 58.26	-5.11 -1.98 64.80	-5.36 -1.68 61.53	-5.47 -1.06 60.14	51.11 -0.94 0.00	46.27 -0.90 0.00	42.59 -0.65 0.00	38.55 -0.35 0.00
V_D_10_SYNC_DSASP 323841	38.56 -0.17 3.02	37.00 -0.08 2.92	34.27 -0.04 2.75	32.14 -0.07 2.62	34.35 -0.11 2.76	35.56 -0.08 2.83	42.16 -0.05 3.25	48.74 0.10 3.67	46.96 -0.15 3.55	45.15 -0.29 3.44	42.26 -0.05 3.26	41.03 0.00 3.19	40.69 0.04 3.16	40.76 0.04 3.17	42.04 0.05 3.25	44.41 0.05 3.40	49.98 -0.21 3.75	56.76 -0.74 4.17	53.37 -0.52 3.96	51.92 0.06 3.87	52.20 0.16 0.00	47.26 0.09 0.00	43.41 0.17 0.00	39.18 0.27 0.00
V_E_10_SYNC_DSASP 323830	43.41 1.67 0.00	41.49 1.16 -0.32	39.05 1.15 -0.84	37.15 1.25 -1.07	38.95 1.53 -0.21	40.54 2.08 0.00	48.45 3.00 0.00	60.67 8.37 0.00	57.81 7.15 0.00	56.21 7.33 0.00	51.72 6.15 0.00	49.96 5.75 0.00	49.32 5.52 0.00	49.41 5.53 0.00	51.22 5.97 0.00	54.06 6.30 0.00	62.80 8.85 -0.01	67.66 5.98 -0.01	63.23 5.38 0.00	60.52 4.79 0.00	56.46 4.42 0.00	50.75 3.58 0.00	46.43 3.20 0.00	41.66 2.76 0.00
V_F_30_NSYNC__DSASP 323816	44.12 2.38 0.00	43.65 2.32 -1.32	42.54 2.04 -3.45	41.01 1.84 -4.33	40.03 1.97 -0.84	40.66 2.19 0.00	48.23 2.77 0.00	55.33 3.03 0.00	53.76 3.09 0.00	51.71 2.83 0.00	48.03 2.46 0.00	46.55 2.34 0.00	46.08 2.28 0.00	46.21 2.32 0.00	47.64 2.40 0.00	50.38 2.62 0.00	57.18 3.24 0.00	65.74 4.07 0.00	61.55 3.71 0.00	58.85 3.12 0.00	54.85 2.81 0.00	49.71 2.55 0.00	45.35 2.12 0.00	40.65 1.75 0.00

V_F_30_SYNC_DSASP 323786	43.66 1.92 0.00	43.15 1.84 -1.31	42.13 1.67 -3.40	40.64 1.53 -4.28	39.68 1.64 -0.83	40.20 1.73 0.00	47.27 1.82 0.00	53.97 1.67 0.00	52.39 1.72 0.00	50.54 1.66 0.00	46.89 1.32 0.00	45.50 1.28 0.00	45.03 1.23 0.00	45.16 1.27 0.00	46.47 1.22 0.00	49.19 1.43 0.00	55.50 1.56 0.00	63.76 2.10 0.00	59.58 1.74 0.00	57.18 1.45 0.00	53.34 1.30 0.00	48.39 1.23 0.00	44.27 1.04 0.00	39.99 1.09 0.00
V_XM_10_SYNC_DSASP 323789	-6.65 -1.50 46.89	-6.76 -1.36 45.40	-6.91 -1.19 42.78	-7.06 -1.15 40.74	-6.86 -1.23 42.85	-6.70 -1.12 44.05	-6.25 -1.18 50.52	-5.71 -1.00 57.02	-5.89 -1.32 55.24	-6.07 -1.47 53.48	-6.28 -1.19 50.67	-6.46 -1.15 49.52	-6.45 -1.14 49.11	-6.48 -1.14 49.22	-6.34 -1.09 50.50	-6.13 -1.10 52.79	-5.61 -1.30 58.26	-5.11 -1.98 64.80	-5.36 -1.68 61.53	-5.47 -1.06 60.14	51.11 -0.94 0.00	46.27 -0.90 0.00	42.59 -0.65 0.00	38.55 -0.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.16 2.42 0.00	43.12 2.16 -0.95	41.43 1.89 -2.48	39.84 1.88 -3.12	39.79 1.97 -0.61	40.58 2.12 0.00	48.00 2.55 0.00	55.23 2.93 0.00	53.76 3.09 0.00	51.91 3.03 0.00	48.35 2.78 0.00	47.00 2.79 0.00	46.56 2.76 0.00	46.60 2.72 0.00	47.78 2.53 0.00	50.72 2.96 0.00	57.07 3.13 0.00	65.74 4.07 0.00	61.20 3.36 0.00	58.63 2.90 0.00	54.80 2.76 0.00	49.85 2.69 0.00	45.39 2.16 0.00	40.61 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.71 2.96 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.19 2.34 -0.63	40.97 2.50 0.00	48.50 3.05 0.00	55.91 3.61 0.00	54.52 3.85 0.00	52.74 3.86 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.31 3.42 0.00	48.50 3.26 0.00	51.44 3.68 0.00	57.72 3.78 0.00	66.48 4.81 0.00	61.84 3.99 0.00	59.13 3.40 0.00	55.37 3.33 0.00	50.47 3.30 0.00	45.83 2.59 0.00	40.93 2.02 0.00
W50THST__13_KV_LOAD 356117	44.87 3.13 0.00	43.71 2.72 -0.99	42.03 2.41 -2.57	40.43 2.37 -3.23	40.34 2.49 -0.63	41.12 2.65 0.00	48.68 3.23 0.00	56.12 3.82 0.00	54.77 4.10 0.00	52.98 4.11 0.00	49.35 3.78 0.00	47.93 3.71 0.00	47.48 3.68 0.00	47.57 3.69 0.00	48.78 3.53 0.00	51.72 3.96 0.00	58.04 4.10 0.00	66.85 5.18 0.00	62.13 4.28 0.00	59.41 3.68 0.00	55.63 3.59 0.00	50.70 3.54 0.00	46.00 2.77 0.00	41.08 2.18 0.00
WADING RIVER_IC_1 23522	45.91 4.17 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.85 3.39 0.00	49.86 4.41 0.00	57.96 5.65 -0.01	56.55 5.87 -0.01	54.40 5.52 0.00	50.81 5.24 0.00	49.69 5.48 0.00	49.01 5.21 0.00	49.02 5.13 0.00	50.22 4.98 0.00	53.34 5.59 0.00	60.85 6.91 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
WADING RIVER_IC_2 23547	45.91 4.17 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.85 3.39 0.00	49.86 4.41 0.00	57.96 5.65 -0.01	56.55 5.87 -0.01	54.40 5.52 0.00	50.81 5.24 0.00	49.69 5.48 0.00	49.01 5.21 0.00	49.02 5.13 0.00	50.22 4.98 0.00	53.34 5.59 0.00	60.85 6.91 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
WADING RIVER_IC_3 23601	45.91 4.17 0.00	44.19 3.20 -0.98	42.33 2.70 -2.57	40.50 2.44 -3.23	40.63 2.79 -0.63	41.85 3.39 0.00	49.86 4.41 0.00	57.96 5.65 -0.01	56.55 5.87 -0.01	54.40 5.52 0.00	50.81 5.24 0.00	49.69 5.48 0.00	49.01 5.21 0.00	49.02 5.13 0.00	50.22 4.98 0.00	53.34 5.59 0.00	60.85 6.91 0.00	70.55 8.88 0.00	65.83 7.99 0.00	61.92 6.19 0.00	57.77 5.72 0.00	52.68 5.52 0.00	46.91 3.67 0.00	41.82 2.92 0.00
WALDENNY_12_KV_BK2 80841	38.19 -3.55 0.00	36.10 -4.04 -0.14	33.47 -3.93 -0.35	31.78 -3.59 -0.53	33.47 -3.83 -0.09	35.28 -3.19 0.00	40.91 -4.55 0.00	45.50 -5.13 1.68	38.76 -5.07 6.84	33.57 -4.50 10.81	39.62 -4.19 1.76	37.45 -4.16 2.61	35.51 -4.07 4.22	37.99 -4.08 1.81	41.04 -4.21 0.00	42.50 -4.97 0.29	41.80 -5.18 6.96	51.22 -5.30 5.15	51.55 -5.90 0.40	50.60 -5.13 0.01	47.62 -4.42 0.00	42.78 -4.39 0.00	40.64 -2.59 0.00	37.27 -1.63 0.00
WALDEN__HYDRO 24148	44.29 2.55 0.00	43.28 2.32 -0.95	41.58 2.04 -2.49	39.94 1.99 -3.13	39.94 2.12 -0.61	40.70 2.23 0.00	48.13 2.68 0.00	55.33 3.03 0.00	53.86 3.19 0.00	51.91 3.03 0.00	48.35 2.78 0.00	46.95 2.74 0.00	46.52 2.72 0.00	46.60 2.72 0.00	47.78 2.53 0.00	50.82 3.06 0.00	57.23 3.29 0.00	65.98 4.32 0.00	61.49 3.64 0.00	58.91 3.18 0.00	55.06 3.02 0.00	49.99 2.83 0.00	45.52 2.29 0.00	40.77 1.87 0.00
WARRENSBURG____ 23737	43.37 1.63 0.00	42.94 1.60 -1.33	41.89 1.37 -3.46	40.40 1.22 -4.35	39.36 1.30 -0.85	40.01 1.54 0.00	47.59 2.14 0.00	54.60 2.30 0.00	53.05 2.38 0.00	51.03 2.15 0.00	47.35 1.78 0.00	45.89 1.68 0.00	45.34 1.53 0.00	45.51 1.62 0.00	46.92 1.68 0.00	49.67 1.91 0.00	56.37 2.43 0.00	64.93 3.27 0.00	60.74 2.89 0.00	58.07 2.34 0.00	54.07 2.03 0.00	49.00 1.84 0.00	44.62 1.38 0.00	39.99 1.09 0.00
WATERSIDE____6 8 9 23538	44.75 3.01 0.00	43.59 2.60 -0.99	41.88 2.26 -2.57	40.29 2.23 -3.23	40.22 2.38 -0.63	40.93 2.46 0.00	48.36 2.91 0.00	55.60 3.29 0.00	54.27 3.60 0.00	52.50 3.62 0.00	48.94 3.37 0.00	47.57 3.36 0.00	47.13 3.33 0.00	47.22 3.34 0.00	48.41 3.17 0.00	51.20 3.44 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.43 3.59 0.00	58.74 3.01 0.00	55.06 3.02 0.00	50.32 3.16 0.00	45.70 2.46 0.00	40.81 1.91 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.16 0.42 0.00	40.45 0.44 0.00	37.46 0.41 0.00	35.21 0.38 0.00	37.62 0.41 0.00	38.89 0.42 0.00	45.95 0.50 0.00	52.88 0.58 0.00	51.23 0.56 0.00	49.47 0.59 0.00	46.03 0.46 0.00	44.66 0.44 0.00	44.24 0.44 0.00	44.32 0.44 0.00	45.70 0.45 0.00	48.24 0.48 0.00	54.53 0.59 0.00	62.47 0.80 0.00	58.48 0.64 0.00	56.29 0.56 0.00	52.56 0.52 0.00	47.73 0.57 0.00	43.71 0.48 0.00	39.33 0.43 0.00
WATSON__69_KV_BK 1 55734	45.87 4.13 0.00	44.27 3.28 -0.98	42.44 2.82 -2.57	40.60 2.54 -3.23	40.56 2.72 -0.63	41.93 3.46 0.00	49.91 4.45 0.00	58.06 5.75 -0.01	56.65 5.98 -0.01	54.50 5.62 0.00	50.54 4.97 0.00	49.34 5.13 0.00	48.71 4.91 0.00	48.76 4.87 0.00	49.91 4.66 0.00	52.96 5.21 0.00	59.50 5.56 0.00	69.01 7.34 0.00	63.92 6.07 0.00	60.80 5.07 0.00	57.35 5.31 0.00	52.12 4.95 0.00	47.04 3.80 0.00	41.94 3.03 0.00
WDELAWARE__HYD 323627	44.71 2.96 0.00	43.59 2.68 -0.90	41.78 2.37 -2.35	40.09 2.30 -2.96	40.24 2.46 -0.57	41.05 2.58 0.00	48.63 3.18 0.00	55.81 3.50 0.00	54.27 3.60 0.00	52.20 3.33 0.00	48.62 3.05 0.00	47.18 2.96 0.00	46.65 2.85 0.00	46.78 2.90 0.00	48.05 2.81 0.00	51.20 3.44 0.00	58.09 4.15 0.00	67.10 5.43 0.00	62.71 4.86 0.00	59.75 4.01 0.00	55.74 3.70 0.00	50.56 3.40 0.00	46.00 2.77 0.00	41.24 2.33 0.00

WEST BABYLON___IC 23714	45.67 3.92 0.00	44.11 3.12 -0.99	42.25 2.63 -2.57	40.43 2.37 -3.23	40.41 2.57 -0.63	41.70 3.23 0.00	49.63 4.18 0.00	57.64 5.33 -0.01	56.25 5.57 -0.01	54.16 5.28 0.00	50.31 4.74 0.00	49.08 4.86 0.00	48.49 4.69 0.00	48.49 4.61 0.00	49.68 4.43 0.00	52.68 4.92 0.00	59.17 5.23 0.00	68.58 6.91 0.00	63.57 5.73 0.00	60.41 4.68 0.00	57.04 5.00 0.00	51.88 4.72 0.00	46.78 3.55 0.00	41.70 2.80 0.00
WEST CANADA___HYD 24049	41.95 0.21 0.00	40.21 0.20 0.00	37.24 0.19 0.00	35.01 0.18 0.00	37.40 0.19 0.00	38.66 0.19 0.00	45.64 0.18 0.00	52.51 0.21 0.00	50.92 0.25 0.00	49.17 0.30 0.00	45.80 0.23 0.00	44.44 0.22 0.00	44.02 0.22 0.00	44.10 0.22 0.00	45.43 0.18 0.00	48.00 0.24 0.00	54.27 0.33 0.00	62.16 0.49 0.00	58.25 0.41 0.00	55.95 0.22 0.00	52.25 0.21 0.00	47.40 0.24 0.00	43.41 0.17 0.00	39.02 0.12 0.00
WESTERN_NY_WIND 24143	38.86 -2.88 0.00	37.45 -2.68 -0.13	34.67 -2.71 -0.32	32.86 -2.44 -0.46	34.65 -2.64 -0.08	35.97 -2.50 0.00	41.86 -3.59 0.00	47.22 -4.13 0.94	42.73 -4.10 3.84	39.20 -3.62 6.06	41.21 -3.37 0.99	39.39 -3.36 1.46	38.11 -3.33 2.37	39.49 -3.38 1.02	42.17 -3.08 0.00	43.39 -4.20 0.17	45.74 -4.21 4.00	54.71 -4.01 2.95	52.99 -4.63 0.23	51.99 -3.73 0.00	48.87 -3.17 0.00	43.91 -3.25 0.00	41.29 -1.95 0.00	37.58 -1.32 0.00
WESTOVER___LESR 323668	41.49 -0.25 0.00	39.82 -0.52 -0.34	37.41 -0.52 -0.88	35.50 -0.45 -1.12	36.95 -0.48 -0.22	38.31 -0.15 0.00	45.27 -0.18 0.00	52.60 0.05 -0.24	51.61 -0.05 -1.00	50.55 0.10 -1.58	45.83 0.00 -0.26	44.50 -0.09 -0.38	44.33 -0.09 -0.61	44.10 -0.04 -0.26	45.11 -0.14 0.00	47.66 -0.14 -0.04	55.05 0.05 -1.06	62.94 0.49 -0.78	57.90 0.00 -0.06	55.73 0.00 0.00	52.09 0.05 0.00	47.02 -0.14 0.00	43.32 0.09 0.00	39.10 0.19 0.00
WETHRSFD_WT_PWR 323626	37.99 -3.76 0.00	36.05 -4.12 -0.17	33.49 -4.00 -0.43	31.76 -3.69 -0.62	33.38 -3.95 -0.11	35.16 -3.31 0.00	41.09 -4.36 0.00	41.80 -4.97 5.53	23.06 -4.96 22.64	8.59 -4.50 35.79	35.43 -4.33 5.81	31.14 -4.46 8.61	25.61 -4.25 13.95	33.73 -4.17 5.98	40.77 -4.48 0.00	41.93 -4.87 0.96	25.61 -4.91 23.42	39.50 -4.87 17.30	51.91 -4.63 1.30	51.10 -4.63 0.00	48.19 -3.85 0.00	43.35 -3.82 0.00	40.90 -2.34 0.00	37.46 -1.44 0.00
WHAVSTOR_138KV_BK127 55557	44.08 2.34 0.00	43.00 2.04 -0.95	41.36 1.82 -2.49	39.74 1.78 -3.13	39.72 1.90 -0.61	40.47 2.00 0.00	47.86 2.41 0.00	55.07 2.77 0.00	53.61 2.94 0.00	51.76 2.88 0.00	48.21 2.64 0.00	46.91 2.70 0.00	46.43 2.63 0.00	46.52 2.63 0.00	47.69 2.44 0.00	50.58 2.82 0.00	56.91 2.97 0.00	65.55 3.89 0.00	60.97 3.12 0.00	58.41 2.68 0.00	54.64 2.60 0.00	49.71 2.55 0.00	45.26 2.03 0.00	40.50 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.08 2.34 0.00	43.00 2.04 -0.95	41.36 1.82 -2.49	39.74 1.78 -3.13	39.72 1.90 -0.61	40.47 2.00 0.00	47.86 2.41 0.00	55.07 2.77 0.00	53.61 2.94 0.00	51.76 2.88 0.00	48.21 2.64 0.00	46.91 2.70 0.00	46.43 2.63 0.00	46.52 2.63 0.00	47.69 2.44 0.00	50.58 2.82 0.00	56.91 2.97 0.00	65.55 3.89 0.00	60.97 3.12 0.00	58.41 2.68 0.00	54.64 2.60 0.00	49.71 2.55 0.00	45.26 2.03 0.00	40.50 1.59 0.00
WHITEHAL_115KV_TB1 80871	44.00 2.25 0.00	43.61 2.28 -1.33	42.44 1.93 -3.46	40.85 1.67 -4.35	39.88 1.82 -0.85	40.66 2.19 0.00	48.41 2.95 0.00	55.54 3.24 0.00	54.01 3.34 0.00	51.96 3.08 0.00	48.12 2.55 0.00	46.60 2.39 0.00	46.04 2.23 0.00	46.17 2.28 0.00	47.64 2.40 0.00	50.58 2.82 0.00	57.23 3.29 0.00	65.92 4.26 0.00	61.61 3.76 0.00	59.07 3.34 0.00	55.06 3.02 0.00	49.81 2.64 0.00	45.31 2.08 0.00	40.54 1.63 0.00
WHITEPLN_13_KV_LOAD 356215	44.75 3.01 0.00	43.63 2.64 -0.98	41.99 2.37 -2.56	40.35 2.30 -3.23	40.26 2.42 -0.63	41.08 2.62 0.00	48.68 3.23 0.00	56.07 3.77 0.00	54.67 4.00 0.00	52.84 3.96 0.00	49.17 3.60 0.00	47.79 3.58 0.00	47.31 3.50 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.53 3.77 0.00	57.93 3.99 0.00	66.85 5.18 0.00	62.13 4.28 0.00	59.46 3.73 0.00	55.63 3.59 0.00	50.61 3.44 0.00	46.00 2.77 0.00	41.08 2.18 0.00
WM_FLOYD_69_KV_BK2 356380	45.75 4.01 0.00	44.15 3.16 -0.98	42.29 2.67 -2.57	40.46 2.40 -3.23	40.45 2.61 -0.63	41.82 3.35 0.00	49.73 4.27 0.00	57.85 5.54 -0.01	56.45 5.78 -0.01	54.30 5.43 0.00	50.31 4.74 0.00	49.08 4.86 0.00	48.45 4.64 0.00	48.45 4.56 0.00	49.63 4.39 0.00	52.68 4.92 0.00	59.23 5.29 0.00	68.76 7.09 0.00	63.69 5.84 0.00	60.47 4.74 0.00	57.04 5.00 0.00	51.88 4.72 0.00	46.86 3.63 0.00	41.78 2.88 0.00
WOODARD___115KV_TB2 355635	40.66 -1.09 0.00	39.09 -1.00 -0.09	36.33 -0.96 -0.23	34.22 -0.91 -0.29	36.34 -0.93 -0.06	37.55 -0.92 0.00	44.41 -1.05 0.00	51.15 -1.15 0.00	49.55 -1.11 0.00	47.90 -0.98 0.00	44.61 -0.96 0.00	43.24 -0.97 0.00	42.80 -1.01 0.00	42.87 -1.01 0.00	44.34 -0.90 0.00	46.61 -1.15 0.00	52.81 -1.13 0.00	60.62 -1.05 0.00	56.57 -1.27 0.00	54.62 -1.11 0.00	51.00 -1.04 0.00	46.13 -1.04 0.00	42.37 -0.86 0.00	38.12 -0.78 0.00
YORK___WARBASSE 23770	44.96 3.21 0.00	43.75 2.76 -0.99	42.00 2.37 -2.57	40.39 2.33 -3.23	40.34 2.49 -0.63	41.01 2.54 0.00	48.50 3.05 0.00	55.49 3.19 0.00	54.22 3.55 0.00	52.54 3.67 0.00	49.08 3.51 0.00	47.71 3.49 0.00	47.26 3.46 0.00	47.35 3.47 0.00	48.55 3.30 0.00	51.29 3.53 0.00	57.39 3.45 0.00	66.11 4.44 0.00	61.49 3.64 0.00	58.80 3.07 0.00	55.11 3.07 0.00	50.47 3.30 0.00	45.87 2.64 0.00	40.96 2.06 0.00