

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/22/2026		
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	41.06	38.35	34.44	33.21	33.21	36.23	38.99	43.15	46.36	47.67	47.74	52.91	55.76	56.78	57.47	62.78	63.13	67.23	67.40	67.96	65.45	59.80	53.40	46.10									
		2.07	1.86	1.67	1.55	1.52	1.46	2.07	2.60	3.15	3.33	3.70	4.28	4.56	4.74	4.94	5.76	5.74	6.39	5.90	5.90	4.74	4.22	3.49	2.77									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00									
74TH STREET_GT_1	24260	41.18	38.35	34.47	33.24	33.24	36.23	38.95	43.11	46.32	47.63	47.70	52.86	55.71	56.72	57.41	62.78	63.13	67.17	67.34	67.96	65.51	59.80	53.45	46.14									
		2.18	1.86	1.70	1.58	1.55	1.46	2.03	2.56	3.11	3.28	3.66	4.23	4.51	4.68	4.89	5.76	5.74	6.33	5.84	5.90	4.80	4.22	3.54	2.82									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00									
74TH STREET_GT_2	24261	41.18	38.35	34.47	33.24	33.24	36.23	38.95	43.11	46.32	47.63	47.70	52.86	55.71	56.72	57.41	62.78	63.13	67.17	67.34	67.96	65.51	59.80	53.45	46.14									
		2.18	1.86	1.70	1.58	1.55	1.46	2.03	2.56	3.11	3.28	3.66	4.23	4.51	4.68	4.89	5.76	5.74	6.33	5.84	5.90	4.80	4.22	3.54	2.82									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00									
ADK HUDSON___FALLS	24011	41.10	38.50	34.54	33.24	33.40	36.51	39.14	42.91	45.80	46.78	46.33	51.55	54.17	55.01	55.73	60.32	60.72	64.43	65.50	65.98	64.85	59.42	53.10	45.92									
		2.11	2.01	1.77	1.58	1.71	1.74	2.22	2.35	2.59	2.44	2.29	2.92	2.97	2.97	3.20	3.31	3.33	3.59	4.00	3.91	4.13	3.84	3.19	2.60									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.30	38.68	34.74	33.39	33.55	36.72	39.32	43.11	46.10	47.05	46.51	51.84	54.48	55.27	55.99	60.67	61.01	64.80	65.93	66.48	65.34	59.86	53.50	46.23									
		2.30	2.19	1.97	1.74	1.87	1.95	2.40	2.56	2.90	2.71	2.46	3.21	3.28	3.23	3.47	3.65	3.62	3.95	4.43	4.41	4.61	4.28	3.60	2.90									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.10	38.50	34.54	33.24	33.40	36.51	39.14	42.91	45.80	46.78	46.33	51.55	54.17	55.01	55.73	60.32	60.72	64.43	65.50	65.98	64.85	59.42	53.10	45.92									
		2.11	2.01	1.77	1.58	1.71	1.74	2.22	2.35	2.59	2.44	2.29	2.92	2.97	2.97	3.20	3.31	3.33	3.59	4.00	3.91	4.13	3.84	3.19	2.60									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.13	37.40	33.66	32.54	32.60	35.68	38.18	41.77	44.38	45.50	45.28	50.18	52.89	53.86	54.52	59.07	59.80	62.85	63.59	63.87	62.36	57.20	51.05	44.19									
		1.13	0.91	0.89	0.89	0.92	0.90	1.26	1.22	1.17	1.15	1.23	1.56	1.69	1.82	2.00	2.05	2.41	2.00	2.09	1.80	1.64	1.61	1.15	0.87									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.07	36.53	32.87	31.72	31.78	34.74	37.14	40.76	43.42	44.48	44.31	48.92	51.61	52.51	53.11	57.64	58.08	61.45	61.99	62.45	60.91	55.75	49.85	43.37									
		0.08	0.04	0.10	0.06	0.10	-0.03	0.22	0.20	0.22	0.13	0.26	0.29	0.41	0.47	0.58	0.63	0.69	0.61	0.49	0.37	0.18	0.17	-0.05	0.04									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK	355683	39.19	36.75	32.87	31.81	31.81	35.02	36.96	40.64	43.34	44.39	44.00	48.53	51.10	51.83	52.00	56.28	56.70	59.99	60.76	61.33	60.30	55.36	50.05	43.67									
		0.19	0.26	0.10	0.16	0.13	0.24	0.04	0.08	0.13	0.04	-0.04	-0.10	-0.10	-0.21	-0.53	-0.74	-0.69	-0.85	-0.74	-0.74	-0.43	-0.22	0.15	0.35									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR	323833	39.89	37.33	33.56	32.38	32.44	35.43	37.81	41.45	44.16	45.14	44.92	49.70	52.43	53.34	53.95	58.56	58.94	62.54	63.10	63.63	62.06	56.91	50.95	44.28									
		0.90	0.84	0.79	0.73	0.76	0.66	0.88	0.89	0.95	0.80	0.88	1.07	1.23	1.30	1.42	1.54	1.55	1.70	1.60	1.55	1.33	1.33	1.05	0.95									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.89	37.33	33.56	32.38	32.41	35.40	37.81	41.41	44.12	45.14	44.92	49.70	52.38	53.34	53.95	58.56	58.94	62.54	63.10	63.63	62.06	56.86	50.95	44.28									
		0.90	0.84	0.79	0.73	0.73	0.63	0.88	0.85	0.91	0.80	0.88	1.07	1.18	1.30	1.42	1.54	1.55	1.70	1.60	1.55	1.33	1.28	1.05	0.95									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.07	36.53	32.87	31.72	31.78	34.74	37.14	40.76	43.42	44.48	44.31	48.92	51.61	52.51	53.11	57.64	58.08	61.45	61.99	62.45	60.91	55.75	49.85	43.37									
		0.08	0.04	0.10	0.06	0.10	-0.03	0.22	0.20	0.22	0.13	0.26	0.29	0.41	0.47	0.58	0.63	0.69	0.61	0.49	0.37	0.18	0.17	-0.05	0.04									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___2 23572	39.07 0.08 0.00	36.53 0.04 0.00	32.87 0.10 0.00	31.72 0.06 0.00	31.78 0.10 0.00	34.74 -0.03 0.00	37.14 0.22 0.00	40.76 0.20 0.00	43.42 0.22 0.00	44.48 0.13 0.00	44.31 0.26 0.00	48.92 0.29 0.00	51.61 0.41 0.00	52.51 0.47 0.00	53.11 0.58 0.00	57.64 0.63 0.00	58.08 0.69 0.00	61.45 0.61 0.00	61.99 0.49 0.00	62.45 0.37 0.00	60.91 0.18 0.00	55.75 0.17 0.00	49.85 -0.05 0.00	43.37 0.04 0.00
ALBANY___3 23573	39.07 0.08 0.00	36.53 0.04 0.00	32.87 0.10 0.00	31.72 0.06 0.00	31.78 0.10 0.00	34.74 -0.03 0.00	37.14 0.22 0.00	40.76 0.20 0.00	43.42 0.22 0.00	44.48 0.13 0.00	44.31 0.26 0.00	48.92 0.29 0.00	51.61 0.41 0.00	52.51 0.47 0.00	53.11 0.58 0.00	57.64 0.63 0.00	58.08 0.69 0.00	61.45 0.61 0.00	61.99 0.49 0.00	62.45 0.37 0.00	60.91 0.18 0.00	55.75 0.17 0.00	49.85 -0.05 0.00	43.37 0.04 0.00
ALBANY___4 23574	39.07 0.08 0.00	36.53 0.04 0.00	32.87 0.10 0.00	31.72 0.06 0.00	31.78 0.10 0.00	34.74 -0.03 0.00	37.14 0.22 0.00	40.76 0.20 0.00	43.42 0.22 0.00	44.48 0.13 0.00	44.31 0.26 0.00	48.92 0.29 0.00	51.61 0.41 0.00	52.51 0.47 0.00	53.11 0.58 0.00	57.64 0.63 0.00	58.08 0.69 0.00	61.45 0.61 0.00	61.99 0.49 0.00	62.45 0.37 0.00	60.91 0.18 0.00	55.75 0.17 0.00	49.85 -0.05 0.00	43.37 0.04 0.00
ALBANY___LFGE 323615	39.43 0.43 0.00	36.86 0.36 0.00	33.13 0.36 0.00	31.97 0.32 0.00	32.03 0.35 0.00	35.02 0.25 0.00	37.44 0.52 0.00	41.12 0.57 0.00	43.86 0.65 0.00	44.92 0.57 0.00	44.71 0.66 0.00	49.45 0.83 0.00	52.17 0.97 0.00	53.13 1.09 0.00	53.74 1.21 0.00	58.27 1.25 0.00	58.65 1.26 0.00	62.06 1.22 0.00	62.61 1.11 0.00	63.06 0.99 0.00	61.46 0.73 0.00	56.30 0.72 0.00	50.35 0.45 0.00	43.76 0.43 0.00
ALCOA_PA_115KV_PL-6C 55860	39.31 0.31 0.00	36.89 0.40 0.00	32.97 0.20 0.00	31.91 0.25 0.00	31.91 0.22 0.00	35.16 0.38 0.00	37.07 0.15 0.00	40.76 0.20 0.00	43.47 0.26 0.00	44.52 0.18 0.00	44.09 0.04 0.00	48.63 0.00 0.00	51.15 -0.05 0.00	51.83 -0.21 0.00	52.21 -0.31 0.00	56.56 -0.46 0.00	57.05 -0.34 0.00	60.35 -0.49 0.00	61.19 -0.31 0.00	61.76 -0.31 0.00	60.66 -0.06 0.00	55.69 0.11 0.00	50.20 0.30 0.00	43.85 0.52 0.00
ALCOA_RYNLDS___DRP 24188	39.31 0.31 0.00	36.89 0.40 0.00	32.97 0.20 0.00	31.91 0.25 0.00	31.91 0.22 0.00	35.16 0.38 0.00	37.07 0.15 0.00	40.76 0.20 0.00	43.47 0.26 0.00	44.52 0.18 0.00	44.09 0.04 0.00	48.58 -0.05 0.00	51.15 -0.05 0.00	51.88 -0.16 0.00	52.21 -0.32 0.00	56.56 -0.46 0.00	57.05 -0.34 0.00	60.36 -0.49 0.00	61.19 -0.31 0.00	61.76 -0.31 0.00	60.66 -0.06 0.00	55.69 0.11 0.00	50.20 0.30 0.00	43.84 0.52 0.00
ALCOA___DSASP 323711	39.31 0.31 0.00	36.89 0.40 0.00	32.97 0.20 0.00	31.91 0.25 0.00	31.91 0.22 0.00	35.16 0.38 0.00	37.07 0.15 0.00	40.76 0.20 0.00	43.47 0.26 0.00	44.52 0.18 0.00	44.09 0.04 0.00	48.58 -0.05 0.00	51.15 -0.05 0.00	51.88 -0.16 0.00	52.21 -0.32 0.00	56.56 -0.46 0.00	57.05 -0.34 0.00	60.36 -0.49 0.00	61.19 -0.31 0.00	61.76 -0.31 0.00	60.66 -0.06 0.00	55.69 0.11 0.00	50.20 0.30 0.00	43.84 0.52 0.00
ALLEGHENY___COGEN 23514	38.41 -0.58 0.00	36.09 -0.40 0.00	32.47 -0.30 0.00	31.34 -0.32 0.00	31.56 -0.13 0.00	34.77 0.00 0.00	36.81 -0.11 0.00	39.98 -0.65 -0.07	41.81 -1.47 -0.07	42.84 -1.51 0.00	42.44 -1.81 -0.20	47.68 -2.58 -1.63	51.95 -2.72 -3.46	51.22 -2.76 -1.94	63.48 -2.68 -13.63	62.92 -2.68 -8.58	78.51 -2.70 -23.82	77.01 -2.13 -18.30	62.53 -1.35 -2.38	59.57 -0.56 1.94	58.50 -0.42 1.80	52.84 -0.72 2.02	48.06 -0.45 1.40	42.14 -0.43 0.75
ALTAMONT_115KV_TB 2 55880	39.50 0.51 0.00	36.93 0.44 0.00	33.20 0.43 0.00	32.07 0.41 0.00	32.10 0.41 0.00	35.12 0.35 0.00	37.51 0.59 0.00	41.20 0.65 0.00	43.90 0.69 0.00	45.01 0.67 0.00	44.79 0.75 0.00	49.55 0.92 0.00	52.22 1.02 0.00	53.13 1.09 0.00	53.68 1.16 0.00	58.27 1.25 0.00	58.71 1.32 0.00	62.18 1.34 0.00	62.79 1.29 0.00	63.25 1.18 0.00	61.70 0.97 0.00	56.47 0.89 0.00	50.55 0.65 0.00	43.89 0.56 0.00
ALTONA_WT_PWR 323606	39.35 0.35 0.00	36.96 0.47 0.00	33.03 0.26 0.00	31.91 0.25 0.00	31.91 0.22 0.00	35.19 0.42 0.00	37.18 0.26 0.00	40.92 0.36 0.00	43.64 0.43 0.00	44.48 0.13 0.00	44.04 0.00 0.00	48.58 -0.05 0.00	51.20 0.00 0.00	51.88 -0.16 0.00	52.32 -0.21 0.00	56.73 -0.28 0.00	57.16 -0.23 0.00	60.54 -0.30 0.00	61.38 -0.12 0.00	61.95 -0.12 0.00	60.78 0.06 0.00	55.69 0.11 0.00	50.15 0.25 0.00	43.71 0.39 0.00
AMERICAN_REF_FUEL 24010	34.55 -4.45 0.00	32.77 -3.72 0.00	29.59 -3.18 0.00	28.49 -3.17 0.00	28.70 -2.98 0.00	31.54 -3.23 0.00	32.93 -3.99 0.00	35.51 -5.03 0.02	37.57 -5.62 0.02	38.98 -5.37 0.00	38.72 -4.93 0.40	39.94 -6.32 2.36	41.54 -6.71 2.96	42.56 -6.76 2.72	39.79 -6.83 5.91	44.78 -7.30 4.94	39.53 -7.98 9.89	44.49 -8.09 8.26	49.94 -8.05 3.51	51.42 -8.07 2.59	50.31 -8.02 2.39	45.22 -7.67 2.69	41.86 -6.34 1.71	37.08 -5.33 0.92
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.11 -2.89 0.00	33.97 -2.52 0.00	30.57 -2.20 0.00	29.38 -2.28 0.00	29.56 -2.12 0.00	32.51 -2.26 0.00	34.37 -2.55 0.00	37.13 -3.41 0.02	39.25 -3.93 0.02	40.57 -3.77 0.00	39.85 -3.79 0.40	42.50 -3.70 2.43	44.18 -3.89 3.13	45.41 -3.85 2.78	41.82 -4.04 6.66	47.35 -4.28 5.39	43.40 -4.65 9.35	48.46 -4.50 7.88	53.28 -4.61 3.60	54.14 -5.52 2.41	52.67 -5.83 2.23	47.52 -5.56 2.51	43.48 -4.84 1.59	38.44 -4.03 0.85
ARTHUR KILL_GT_1 23520	41.26 2.26 0.00	38.42 1.93 0.00	34.47 1.70 0.00	33.24 1.58 0.00	33.21 1.52 0.00	36.03 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.52 3.48 0.00	52.71 4.08 0.00	55.60 4.40 0.00	56.62 4.58 0.00	57.36 4.83 0.00	62.83 5.82 0.00	63.25 5.85 0.00	67.35 6.51 0.00	67.53 6.03 0.00	68.09 6.02 0.01	65.64 4.92 0.01	59.91 4.34 0.01	53.65 3.74 0.00	46.36 3.03 0.00
ARTHUR_KILL_2 23512	41.14 2.14 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.92 1.15 0.00	38.62 1.70 0.00	42.70 2.15 0.00	45.84 2.64 0.00	47.18 2.84 0.00	47.39 3.35 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.96 5.57 0.00	66.99 6.14 0.00	67.15 5.65 0.00	67.71 5.65 0.01	65.33 4.61 0.01	59.63 4.06 0.01	53.50 3.60 0.00	46.18 2.86 0.00
ARTHUR_KILL_3 23513	40.75 1.76 0.00	38.06 1.57 0.00	34.18 1.41 0.00	32.98 1.33 0.00	32.98 1.30 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.27 2.93 0.00	47.35 3.30 0.00	52.47 3.84 0.00	55.24 4.04 0.00	56.31 4.27 0.00	56.99 4.46 0.00	62.20 5.19 0.00	62.62 5.22 0.00	66.63 5.78 0.00	66.79 5.29 0.00	67.40 5.34 0.01	65.03 4.31 0.01	59.30 3.72 0.01	53.00 3.10 0.00	45.79 2.47 0.00

ARTHUR_KILL_COGEN 323718	41.26 2.26 0.00	38.42 1.93 0.00	34.47 1.70 0.00	33.21 1.55 0.00	33.20 1.52 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.52 3.48 0.00	52.76 4.13 0.00	55.60 4.40 0.00	56.62 4.58 0.00	57.41 4.89 0.00	62.72 5.70 0.00	63.13 5.74 0.00	67.23 6.39 0.00	67.40 5.90 0.00	67.97 5.90 0.01	65.58 4.86 0.01	59.80 4.22 0.01	53.65 3.74 0.00	46.36 3.03 0.00
ASHOKAN____ 23654	40.98 1.99 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.21 1.55 0.00	33.11 1.43 0.00	36.02 1.25 0.00	38.51 1.59 0.00	42.18 1.62 0.00	44.94 1.73 0.00	45.90 1.55 0.00	45.54 1.50 0.00	50.43 1.80 0.00	53.15 1.95 0.00	54.33 2.29 0.00	55.00 2.47 0.00	59.98 2.96 0.00	60.43 3.04 0.00	64.55 3.71 0.00	64.94 3.44 0.00	65.85 3.79 0.01	63.63 2.91 0.01	58.30 2.72 0.01	52.15 2.25 0.00	45.45 2.12 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.94 1.95 0.00	38.17 1.68 0.00	34.25 1.48 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.81 1.04 0.01	38.54 1.62 0.01	42.66 2.11 0.01	45.84 2.64 0.01	47.18 2.84 0.01	47.25 3.21 0.01	52.42 3.80 0.01	55.19 4.00 0.01	56.14 4.11 0.01	56.83 4.31 0.01	61.97 4.96 0.01	62.44 5.05 0.01	66.49 5.66 0.01	66.54 5.04 0.01	67.08 5.03 0.02	64.72 4.01 0.02	59.01 3.45 0.02	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.94 1.95 0.00	38.17 1.68 0.00	34.25 1.48 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.81 1.04 0.01	38.54 1.62 0.01	42.66 2.11 0.01	45.84 2.64 0.01	47.18 2.84 0.01	47.25 3.21 0.01	52.42 3.80 0.01	55.19 4.00 0.01	56.14 4.11 0.01	56.83 4.31 0.01	62.03 5.02 0.01	62.44 5.05 0.01	66.49 5.66 0.01	66.54 5.04 0.01	67.08 5.03 0.02	64.72 4.01 0.02	59.01 3.45 0.02	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT2_1 24094	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT2_2 24095	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT2_3 24096	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT2_4 24097	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT3_1 24098	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT3_2 24099	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT3_3 24100	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT3_4 24101	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT4_1 24102	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT4_2 24103	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT4_3 24104	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00

ASTORIA_GT4_4 24105	40.98 1.99 0.00	38.21 1.72 0.00	34.24 1.47 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.89 2.68 0.00	47.18 2.84 0.00	47.30 3.26 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.15 4.11 0.00	56.84 4.31 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.62 5.78 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.08 3.50 0.01	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA_GT_1 23523	41.06 2.07 0.00	38.24 1.75 0.00	34.31 1.54 0.00	33.17 1.52 0.00	33.17 1.49 0.00	35.89 1.11 0.00	38.62 1.70 0.00	42.75 2.19 0.00	45.97 2.77 0.00	47.27 2.93 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.25 4.22 0.00	56.94 4.41 0.00	62.26 5.25 0.00	62.62 5.22 0.00	66.74 5.90 0.00	66.79 5.29 0.00	67.34 5.28 0.01	64.91 4.19 0.01	59.24 3.67 0.01	53.05 3.14 0.00	45.92 2.60 0.00
ASTORIA_GT_10 24110	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.31 4.27 0.00	56.99 4.46 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.85 5.35 0.00	67.40 5.34 0.01	64.97 4.25 0.01	59.30 3.72 0.01	53.15 3.24 0.00	45.92 2.60 0.00
ASTORIA_GT_11 24225	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.31 4.27 0.00	56.99 4.46 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.85 5.35 0.00	67.40 5.34 0.01	64.97 4.25 0.01	59.30 3.72 0.01	53.15 3.24 0.00	45.92 2.60 0.00
ASTORIA_GT_12 24226	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.31 4.27 0.00	56.99 4.46 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.85 5.35 0.00	67.40 5.34 0.01	64.97 4.25 0.01	59.30 3.72 0.01	53.15 3.24 0.00	45.92 2.60 0.00
ASTORIA_GT_13 24227	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.31 4.27 0.00	56.99 4.46 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.85 5.35 0.00	67.40 5.34 0.01	64.97 4.25 0.01	59.30 3.72 0.01	53.15 3.24 0.00	45.92 2.60 0.00
ASTORIA_GT_5 24106	41.06 2.07 0.00	38.24 1.75 0.00	34.31 1.54 0.00	33.17 1.52 0.00	33.17 1.49 0.00	35.89 1.11 0.00	38.62 1.70 0.00	42.75 2.19 0.00	45.97 2.77 0.00	47.27 2.93 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.25 4.22 0.00	56.94 4.41 0.00	62.26 5.25 0.00	62.62 5.22 0.00	66.74 5.90 0.00	66.79 5.29 0.00	67.34 5.28 0.01	64.91 4.19 0.01	59.24 3.67 0.01	53.05 3.14 0.00	45.92 2.60 0.00
ASTORIA_GT_7 24107	41.06 2.07 0.00	38.24 1.75 0.00	34.31 1.54 0.00	33.17 1.52 0.00	33.17 1.49 0.00	35.89 1.11 0.00	38.62 1.70 0.00	42.75 2.19 0.00	45.97 2.77 0.00	47.27 2.93 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.25 4.22 0.00	56.94 4.41 0.00	62.26 5.25 0.00	62.62 5.22 0.00	66.74 5.90 0.00	66.79 5.29 0.00	67.34 5.28 0.01	64.91 4.19 0.01	59.24 3.67 0.01	53.05 3.14 0.00	45.92 2.60 0.00
ASTORIA_GT_8 24108	41.06 2.07 0.00	38.24 1.75 0.00	34.31 1.54 0.00	33.17 1.52 0.00	33.17 1.49 0.00	35.89 1.11 0.00	38.62 1.70 0.00	42.75 2.19 0.00	45.97 2.77 0.00	47.27 2.93 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.25 4.22 0.00	56.94 4.41 0.00	62.26 5.25 0.00	62.62 5.22 0.00	66.74 5.90 0.00	66.79 5.29 0.00	67.34 5.28 0.01	64.91 4.19 0.01	59.24 3.67 0.01	53.05 3.14 0.00	45.92 2.60 0.00
ASTORIA___2 24149	40.98 1.99 0.00	38.21 1.72 0.00	34.25 1.48 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.81 1.04 0.01	38.54 1.62 0.01	42.66 2.11 0.01	45.88 2.68 0.01	47.18 2.84 0.01	47.30 3.26 0.01	52.42 3.80 0.01	55.24 4.04 0.01	56.14 4.11 0.01	56.88 4.36 0.01	62.03 5.02 0.01	62.44 5.05 0.01	66.49 5.66 0.01	66.59 5.10 0.01	67.15 5.09 0.02	64.78 4.07 0.02	59.01 3.45 0.02	52.95 3.04 0.00	45.84 2.51 0.00
ASTORIA___3 23516	40.94 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.20 5.19 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.79 5.29 0.00	67.34 5.27 0.01	64.97 4.25 0.01	59.24 3.67 0.01	53.15 3.24 0.00	45.92 2.60 0.00
ASTORIA___4 23517	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.31 4.27 0.00	56.99 4.46 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.85 5.35 0.00	67.40 5.34 0.01	64.97 4.25 0.01	59.30 3.72 0.01	53.15 3.24 0.00	45.92 2.60 0.00
ASTORIA___5 23518	40.94 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.20 5.19 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.79 5.29 0.00	67.34 5.27 0.01	64.97 4.25 0.01	59.24 3.67 0.01	53.15 3.24 0.00	45.92 2.60 0.00
AST_ENERGY_2_CC3 323677	40.87 1.87 0.00	38.13 1.64 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.30 4.10 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.26 5.24 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.85 5.35 0.00	67.40 5.34 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.10 3.20 0.00	45.88 2.56 0.00
AST_ENERGY_2_CC4 323678	40.87 1.87 0.00	38.13 1.64 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.30 4.10 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.26 5.24 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.85 5.35 0.00	67.40 5.34 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.10 3.20 0.00	45.88 2.56 0.00

ATHENS_STG_1 23668	39.82 0.82 0.00	37.18 0.69 0.00	33.43 0.66 0.00	32.29 0.63 0.00	32.32 0.63 0.00	35.33 0.55 0.00	37.77 0.85 0.00	41.57 1.01 0.00	44.42 1.21 0.00	45.58 1.24 0.00	45.45 1.41 0.00	50.28 1.65 0.00	52.99 1.79 0.00	53.97 1.93 0.00	54.47 1.94 0.00	59.18 2.17 0.00	59.57 2.18 0.00	63.15 2.31 0.00	63.59 2.09 0.00	64.11 2.05 0.01	62.36 1.64 0.01	57.02 1.44 0.01	51.05 1.15 0.00	44.24 0.91 0.00
ATHENS_STG_2 23670	39.82 0.82 0.00	37.18 0.69 0.00	33.43 0.66 0.00	32.29 0.63 0.00	32.32 0.63 0.00	35.33 0.55 0.00	37.77 0.85 0.00	41.57 1.01 0.00	44.42 1.21 0.00	45.58 1.24 0.00	45.45 1.41 0.00	50.28 1.65 0.00	52.99 1.79 0.00	53.97 1.93 0.00	54.47 1.94 0.00	59.18 2.17 0.00	59.57 2.18 0.00	63.15 2.31 0.00	63.59 2.09 0.00	64.11 2.05 0.01	62.36 1.64 0.01	57.02 1.44 0.01	51.05 1.15 0.00	44.24 0.91 0.00
ATHENS_STG_3 23677	39.82 0.82 0.00	37.18 0.69 0.00	33.43 0.66 0.00	32.29 0.63 0.00	32.32 0.63 0.00	35.33 0.55 0.00	37.77 0.85 0.00	41.57 1.01 0.00	44.42 1.21 0.00	45.58 1.24 0.00	45.45 1.41 0.00	50.28 1.65 0.00	52.99 1.79 0.00	53.97 1.93 0.00	54.47 1.94 0.00	59.18 2.17 0.00	59.57 2.18 0.00	63.15 2.31 0.00	63.59 2.09 0.00	64.11 2.05 0.01	62.36 1.64 0.01	57.02 1.44 0.01	51.05 1.15 0.00	44.24 0.91 0.00
AUBURN___LFGE 323710	38.68 -0.31 0.00	36.20 -0.29 0.00	32.54 -0.23 0.00	31.40 -0.25 0.00	31.49 -0.19 0.00	34.60 -0.17 0.00	36.85 -0.07 0.00	40.40 -0.16 0.00	42.91 -0.30 0.00	44.12 -0.22 0.00	43.80 -0.26 -0.02	48.40 -0.34 -0.11	51.30 -0.36 -0.46	52.06 -0.42 -0.43	52.83 -0.47 -0.77	57.38 -0.51 -0.88	57.76 -0.63 -1.00	61.14 -0.49 -0.79	61.30 -0.37 -0.17	61.76 -0.31 0.00	60.30 -0.43 0.00	55.14 -0.44 0.00	49.60 -0.30 0.00	43.02 -0.30 0.00
BABYLON_RES_REC 323704	41.49 2.50 0.00	38.42 1.93 0.00	34.64 1.87 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.13 1.35 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.81 3.46 0.00	47.61 3.57 0.00	52.23 3.60 0.00	55.24 4.04 0.00	56.77 4.73 0.00	57.57 5.04 0.00	67.22 6.16 -4.05	65.54 6.26 -1.89	71.89 6.81 -4.23	67.65 6.15 0.00	72.80 6.52 -4.21	66.06 5.34 0.01	62.72 4.89 -2.24	52.65 2.74 0.00	46.36 3.03 0.00
BALL_HILL_WT_PWR 323825	35.68 -3.31 0.00	33.64 -2.85 0.00	30.35 -2.42 0.00	29.22 -2.44 0.00	29.40 -2.28 0.00	32.34 -2.44 0.00	34.08 -2.84 0.00	36.80 -3.73 0.03	38.95 -4.23 0.03	40.27 -4.08 0.00	39.53 -4.09 0.42	42.02 -4.08 2.53	43.63 -4.30 3.27	44.83 -4.32 2.89	40.94 -4.52 7.07	46.54 -4.79 5.68	42.13 -5.17 10.09	47.26 -5.11 8.47	52.40 -5.35 3.75	53.54 -6.08 2.45	52.26 -6.19 2.27	47.14 -5.89 2.55	43.15 -5.14 1.61	38.17 -4.29 0.87
BARON_WINDS___WT_PWR 323822	37.47 -1.52 0.00	35.21 -1.28 0.00	31.72 -1.05 0.00	30.58 -1.08 0.00	30.70 -0.98 0.00	33.76 -1.01 0.00	35.74 -1.18 0.00	38.86 -1.58 0.11	41.20 -1.90 0.11	42.52 -1.82 0.00	41.25 -1.98 0.82	41.24 -2.04 5.35	40.93 -2.10 8.17	43.74 -2.18 6.12	26.47 -2.26 23.80	37.96 -2.34 16.71	15.14 -2.47 39.79	26.94 -2.31 31.59	51.34 -2.27 7.89	57.90 -2.60 1.57	56.54 -2.73 1.45	51.34 -2.61 1.63	46.59 -2.24 1.06	40.89 -1.86 0.57
BARRETT_IC_1 23704	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_10 23701	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_11 23702	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_12 23703	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_2 23705	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_3 23706	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_4 23707	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_5 23708	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01

BARRETT_IC_6 23709	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_7 23710	41.22 2.22 0.00	38.28 1.79 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.05 1.36 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.39 3.35 0.00	52.20 3.50 -0.07	55.22 3.94 -0.07	56.64 4.53 -0.07	57.43 4.83 -0.07	104.71 5.99 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.77 6.21 -43.49	65.65 4.86 -0.06	83.33 4.56 -23.19	52.50 2.59 0.00	46.05 2.73 0.00
BARRETT_IC_8 23711	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT_IC_9 23700	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT___1 23545	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BARRETT___2 23546	41.18 2.18 0.00	38.21 1.72 0.00	34.41 1.64 0.00	33.11 1.46 0.00	33.01 1.33 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.49 3.15 0.00	47.40 3.35 -0.01	52.21 3.50 -0.07	55.22 3.94 -0.07	56.69 4.58 -0.07	57.43 4.83 -0.07	104.59 5.87 -41.70	82.89 5.97 -19.53	111.02 6.57 -43.60	67.48 5.90 -0.07	111.71 6.15 -43.49	65.95 5.16 -0.07	83.34 4.56 -23.19	52.50 2.59 -0.01	46.06 2.73 -0.01
BATAVIA__115KV_TB1 55881	36.11 -2.89 0.00	34.08 -2.41 0.00	30.71 -2.06 0.00	29.63 -2.03 0.00	29.88 -1.81 0.00	32.93 -1.84 0.00	34.67 -2.25 0.00	37.66 -2.88 0.01	39.78 -3.41 0.01	41.28 -3.06 0.00	40.94 -2.73 0.37	42.71 -3.74 2.17	44.53 -4.04 2.63	45.34 -4.22 2.48	43.33 -4.36 4.84	47.95 -4.85 4.22	44.79 -5.22 7.38	49.47 -5.05 6.32	53.35 -4.92 3.23	54.78 -4.78 2.51	53.66 -4.74 2.33	48.24 -4.72 2.61	44.46 -3.69 1.75	39.27 -3.12 0.94
BAYONEEC___CTG1 323682	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG10 323750	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG2 323683	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG3 323684	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG4 323685	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG5 323686	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG6 323687	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG7 323688	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00

BAYONEEC___CTG8 323689	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYONEEC___CTG9 323749	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.92 2.60 0.00
BAYPORT_69_KV_BK 2 356364	41.80 2.81 0.00	38.90 2.41 0.00	34.97 2.20 0.00	33.59 1.93 0.00	33.52 1.84 0.00	36.37 1.60 0.00	39.10 2.18 0.00	43.39 2.84 0.00	46.58 3.37 0.00	48.11 3.77 0.00	47.92 3.88 0.00	52.47 3.84 0.00	55.60 4.40 0.00	57.19 5.15 0.00	58.04 5.52 0.00	65.68 6.84 -1.83	64.96 6.72 -0.85	70.24 7.48 -1.91	67.95 6.46 0.00	70.98 7.01 -1.90	66.00 5.28 0.01	61.87 5.28 -1.00	52.85 2.94 0.00	46.62 3.29 0.00
BEACON___LESR 323632	39.54 0.55 0.00	36.96 0.47 0.00	33.23 0.46 0.00	32.07 0.41 0.00	32.13 0.44 0.00	35.12 0.35 0.00	37.59 0.67 0.00	41.24 0.69 0.00	43.99 0.78 0.00	45.01 0.67 0.00	44.84 0.79 0.00	49.60 0.97 0.00	52.33 1.13 0.00	53.29 1.25 0.00	53.89 1.36 0.00	58.44 1.43 0.00	58.88 1.49 0.00	62.36 1.52 0.00	62.92 1.42 0.00	63.31 1.24 0.00	61.76 1.03 0.00	56.53 0.94 0.00	50.55 0.65 0.00	43.93 0.61 0.00
BEAVER RIVER___HYD 24048	39.35 0.35 0.00	36.89 0.40 0.00	33.10 0.33 0.00	32.04 0.38 0.00	31.94 0.25 0.00	35.33 0.55 0.00	37.51 0.59 0.00	41.45 0.89 0.00	44.12 0.91 0.00	44.92 0.57 0.00	44.57 0.53 0.00	49.11 0.49 0.00	51.52 0.15 -0.17	52.02 -0.21 -0.19	52.54 -0.10 -0.11	57.26 -0.06 -0.30	57.16 -0.23 0.00	60.90 0.06 0.00	61.81 0.31 0.00	62.88 0.80 0.00	61.69 0.97 0.00	56.58 1.00 0.00	51.00 1.10 0.00	44.32 1.00 0.00
BEEBEE_GT_13 23619	36.93 -2.07 0.00	34.70 -1.79 0.00	31.23 -1.54 0.00	30.17 -1.49 0.00	30.32 -1.36 0.00	33.35 -1.43 0.00	35.33 -1.59 0.00	38.65 -1.91 0.00	41.00 -2.20 0.00	42.57 -1.77 0.00	42.31 -1.41 0.32	44.41 -2.38 1.84	46.46 -2.71 2.03	47.14 -2.81 2.09	46.67 -3.05 2.81	50.73 -3.42 2.87	49.62 -3.73 4.04	53.47 -3.65 3.72	55.38 -3.38 2.73	56.72 -2.92 2.43	55.50 -2.98 2.25	50.00 -3.06 2.53	45.72 -2.35 1.84	40.39 -1.95 0.99
BENSHRST_27_KV_BENSHRST_1 355998	41.26 2.26 0.00	38.46 1.97 0.00	34.51 1.74 0.00	33.27 1.61 0.00	33.24 1.55 0.00	36.09 1.32 0.00	38.84 1.92 0.00	42.99 2.43 0.00	46.15 2.94 0.00	47.54 3.19 0.00	47.70 3.66 0.00	52.96 4.33 0.00	55.81 4.61 0.00	56.78 4.74 0.00	57.52 4.99 0.00	62.95 5.93 0.00	63.36 5.97 0.00	67.47 6.63 0.00	67.59 6.09 0.00	68.15 6.08 0.01	65.70 4.98 0.01	59.97 4.39 0.01	53.70 3.79 0.00	46.36 3.03 0.00
BETHLEHEM___GRP 23843	39.07 0.08 0.00	36.53 0.04 0.00	32.87 0.10 0.00	31.72 0.06 0.00	31.78 0.10 0.00	34.74 -0.03 0.00	37.14 0.22 0.00	40.76 0.20 0.00	43.42 0.22 0.00	44.48 0.13 0.00	44.31 0.26 0.00	48.92 0.29 0.00	51.61 0.41 0.00	52.51 0.47 0.00	53.11 0.58 0.00	57.64 0.63 0.00	58.08 0.69 0.00	61.45 0.61 0.00	61.99 0.49 0.00	62.45 0.37 0.00	60.91 0.18 0.00	55.75 0.17 0.00	49.85 -0.05 0.00	43.37 0.04 0.00
BETHLEHEM___GS1 323560	39.07 0.08 0.00	36.53 0.04 0.00	32.87 0.10 0.00	31.72 0.06 0.00	31.78 0.10 0.00	34.74 -0.03 0.00	37.14 0.22 0.00	40.76 0.20 0.00	43.43 0.22 0.00	44.48 0.13 0.00	44.31 0.27 0.00	48.97 0.34 0.00	51.61 0.41 0.00	52.56 0.52 0.00	53.11 0.58 0.00	57.65 0.63 0.00	58.08 0.69 0.00	61.45 0.61 0.00	61.99 0.49 0.00	62.45 0.37 0.00	60.85 0.12 0.00	55.75 0.17 0.00	49.85 -0.05 0.00	43.37 0.04 0.00
BETHLEHEM___GS2 323561	39.07 0.08 0.00	36.53 0.04 0.00	32.87 0.10 0.00	31.72 0.06 0.00	31.78 0.10 0.00	34.74 -0.03 0.00	37.14 0.22 0.00	40.76 0.20 0.00	43.43 0.22 0.00	44.48 0.13 0.00	44.31 0.27 0.00	48.97 0.34 0.00	51.61 0.41 0.00	52.56 0.52 0.00	53.11 0.58 0.00	57.65 0.63 0.00	58.08 0.69 0.00	61.45 0.61 0.00	61.99 0.49 0.00	62.45 0.37 0.00	60.85 0.12 0.00	55.75 0.17 0.00	49.85 -0.05 0.00	43.37 0.04 0.00
BETHLEHEM___GS3 323562	39.07 0.08 0.00	36.53 0.04 0.00	32.87 0.10 0.00	31.72 0.06 0.00	31.78 0.10 0.00	34.74 -0.03 0.00	37.14 0.22 0.00	40.76 0.20 0.00	43.43 0.22 0.00	44.48 0.13 0.00	44.31 0.27 0.00	48.97 0.34 0.00	51.61 0.41 0.00	52.56 0.52 0.00	53.11 0.58 0.00	57.65 0.63 0.00	58.08 0.69 0.00	61.45 0.61 0.00	61.99 0.49 0.00	62.45 0.37 0.00	60.85 0.12 0.00	55.75 0.17 0.00	49.85 -0.05 0.00	43.37 0.04 0.00
BETHLEHEM___STEEL 23779	35.52 -3.47 0.00	33.53 -2.96 0.00	30.21 -2.56 0.00	29.09 -2.56 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	33.97 -2.95 0.00	36.76 -3.77 0.02	38.91 -4.28 0.02	40.22 -4.12 0.00	39.53 -4.10 0.41	42.00 -4.13 2.50	43.58 -4.40 3.22	44.71 -4.48 2.86	41.05 -4.62 6.85	46.39 -5.07 5.55	42.53 -5.39 9.47	47.49 -5.35 8.00	52.14 -5.66 3.71	53.08 -6.52 2.48	51.87 -6.56 2.29	46.78 -6.23 2.58	42.98 -5.29 1.63	38.03 -4.42 0.87
BETHLHEM_115KV_TB1 79974	39.19 0.19 0.00	36.64 0.15 0.00	32.93 0.16 0.00	31.78 0.13 0.00	31.84 0.16 0.00	34.81 0.03 0.00	37.22 0.30 0.00	40.84 0.28 0.00	43.51 0.30 0.00	44.61 0.27 0.00	44.44 0.40 0.00	49.07 0.44 0.00	51.71 0.51 0.00	52.66 0.62 0.00	53.21 0.68 0.00	57.76 0.74 0.00	58.20 0.80 0.00	61.57 0.73 0.00	62.18 0.68 0.00	62.63 0.56 0.00	61.03 0.30 0.00	55.92 0.33 0.00	50.00 0.10 0.00	43.45 0.13 0.00
BETHPAGE_CC_5 323564	41.45 2.46 0.00	38.39 1.90 0.00	34.57 1.80 0.00	33.27 1.61 0.00	33.17 1.49 0.00	36.13 1.35 0.00	38.80 1.88 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.81 3.46 0.00	47.61 3.57 0.00	52.28 3.65 0.00	55.30 4.10 0.00	56.77 4.73 0.00	57.57 5.04 0.00	67.10 6.04 -4.05	65.43 6.14 -1.89	71.77 6.69 -4.23	67.46 5.96 0.00	72.62 6.33 -4.21	65.94 5.22 0.01	62.54 4.72 -2.24	52.65 2.74 0.00	46.23 2.90 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.56 -3.43 0.00	33.57 -2.92 0.00	30.25 -2.52 0.00	29.12 -2.53 0.00	29.34 -2.34 0.00	32.27 -2.50 0.00	34.04 -2.88 0.00	36.84 -3.69 0.02	38.99 -4.19 0.02	40.31 -4.04 0.00	39.54 -4.10 0.41	42.32 -3.84 2.47	43.98 -4.04 3.17	45.11 -4.11 2.82	41.53 -4.25 6.74	46.88 -4.68 5.47	43.16 -4.99 9.24	48.16 -4.87 7.81	52.49 -5.35 3.66	53.16 -6.46 2.46	51.89 -6.56 2.27	46.80 -6.23 2.56	42.94 -5.34 1.62	37.95 -4.51 0.87

BINGHAMTON___COGEN 23790	38.53 -0.47 0.00	36.09 -0.40 0.00	32.48 -0.29 0.00	31.34 -0.32 0.00	31.40 -0.29 0.00	34.50 -0.28 0.00	36.70 -0.22 0.00	40.60 0.04 0.00	43.21 0.00 0.00	44.39 0.04 0.00	43.99 0.00 0.05	48.56 0.19 0.26	51.38 0.26 0.08	52.15 0.26 0.15	53.05 0.26 -0.25	57.48 0.34 -0.13	58.13 0.23 -0.51	61.55 0.43 -0.28	61.42 0.31 0.39	61.60 0.12 0.60	60.05 -0.12 0.56	54.79 -0.17 0.63	49.34 -0.15 0.41	42.97 -0.13 0.22
BIXINCNT_115KV_LOAD 355685	35.72 -3.28 0.00	33.68 -2.81 0.00	30.31 -2.46 0.00	29.12 -2.53 0.00	29.21 -2.47 0.00	32.24 -2.54 0.00	34.08 -2.84 0.00	36.88 -3.65 0.02	39.12 -4.06 0.02	40.35 -3.99 0.00	39.34 -4.32 0.39	43.17 -3.11 2.34	45.08 -3.12 3.00	46.19 -3.17 2.68	42.97 -3.26 6.30	48.35 -3.54 5.14	45.00 -3.79 8.60	49.96 -3.59 7.29	53.47 -4.55 3.48	53.24 -6.46 2.38	51.97 -6.56 2.20	46.94 -6.17 2.47	42.69 -5.64 1.57	37.72 -4.77 0.84
BLACK RIVER___HYD 24047	39.70 0.70 0.00	37.22 0.73 0.00	33.46 0.69 0.00	32.38 0.73 0.00	32.26 0.57 0.00	35.75 0.97 0.00	37.99 1.07 0.00	41.94 1.38 0.00	44.72 1.51 0.00	45.41 1.06 0.00	45.06 1.01 0.00	49.65 1.02 0.00	52.08 0.62 -0.26	52.49 0.16 -0.29	53.07 0.37 -0.17	57.93 0.45 -0.46	57.62 0.23 0.00	61.45 0.61 0.00	62.36 0.86 0.00	63.56 1.49 0.00	62.42 1.70 0.00	57.25 1.67 0.00	51.60 1.70 0.00	44.80 1.47 0.00
BLACKRVR_115KV_TB2 79977	39.70 0.70 0.00	37.18 0.69 0.00	33.46 0.69 0.00	32.38 0.73 0.00	32.25 0.57 0.00	35.75 0.97 0.00	37.99 1.07 0.00	41.89 1.34 0.00	44.72 1.51 0.00	45.41 1.06 0.00	45.06 1.01 0.00	49.65 1.02 0.00	52.07 0.61 -0.26	52.49 0.16 -0.29	53.07 0.37 -0.17	57.93 0.46 -0.46	57.57 0.17 0.00	61.45 0.61 0.00	62.36 0.86 0.00	63.56 1.49 0.00	62.42 1.70 0.00	57.25 1.67 0.00	51.60 1.70 0.00	44.80 1.47 0.00
BLISS_WT_PWR 323608	35.72 -3.28 0.00	33.68 -2.81 0.00	30.28 -2.49 0.00	29.06 -2.60 0.00	29.15 -2.54 0.00	32.16 -2.61 0.00	34.04 -2.88 0.00	36.84 -3.69 0.02	39.04 -4.15 0.02	40.35 -3.99 0.00	39.29 -4.36 0.39	43.17 -3.11 2.34	45.08 -3.12 3.00	46.29 -3.07 2.68	42.97 -3.26 6.30	48.52 -3.36 5.14	45.00 -3.79 8.60	49.96 -3.59 7.29	53.35 -4.68 3.48	53.30 -6.39 2.38	52.03 -6.50 2.20	46.99 -6.11 2.47	42.69 -5.64 1.57	37.72 -4.77 0.84
BLUESTONE___WT_PWR 323821	40.01 1.01 0.00	37.44 0.95 0.00	33.69 0.92 0.00	32.57 0.92 0.00	32.51 0.82 0.00	35.78 1.01 0.00	37.99 1.07 0.00	41.89 1.34 0.00	44.59 1.38 0.00	45.63 1.29 0.00	45.32 1.32 0.05	49.96 1.60 0.28	52.48 1.49 0.21	53.23 1.41 0.22	53.92 1.68 0.29	58.78 1.99 0.24	58.85 1.89 0.43	62.79 2.37 0.43	63.30 2.21 0.41	63.95 2.30 0.42	62.33 2.00 0.39	57.03 1.89 0.44	51.31 1.70 0.29	44.59 1.43 0.16
BLUE_CIRC_CHEM_DRP 24182	39.66 0.66 0.00	37.11 0.62 0.00	33.36 0.59 0.00	32.19 0.54 0.00	32.25 0.57 0.00	35.26 0.49 0.00	37.62 0.70 0.00	41.29 0.73 0.00	43.99 0.78 0.00	45.05 0.71 0.00	44.84 0.79 0.00	49.55 0.92 0.00	52.28 1.08 0.00	53.18 1.14 0.00	53.74 1.21 0.00	58.33 1.31 0.00	58.71 1.32 0.00	62.24 1.40 0.00	62.79 1.29 0.00	63.31 1.24 0.00	61.76 1.03 0.00	56.58 1.00 0.00	50.70 0.80 0.00	44.02 0.69 0.00
BOC_GAS_DRP 24189	39.39 0.39 0.00	36.82 0.33 0.00	33.10 0.33 0.00	31.97 0.32 0.00	32.00 0.32 0.00	35.02 0.24 0.00	37.36 0.44 0.00	41.08 0.53 0.00	43.77 0.56 0.00	44.92 0.58 0.00	44.70 0.66 0.00	49.41 0.78 0.00	52.07 0.87 0.00	52.98 0.94 0.00	53.53 1.00 0.00	58.16 1.14 0.00	58.54 1.15 0.00	62.00 1.16 0.00	62.55 1.05 0.00	63.07 0.99 0.00	61.45 0.73 0.00	56.25 0.67 0.00	50.35 0.45 0.00	43.71 0.39 0.00
BOONVILLE_115KV_TB1 79983	39.50 0.51 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.16 0.51 0.00	32.10 0.41 0.00	35.40 0.63 0.00	37.62 0.70 0.00	41.65 1.10 0.00	44.38 1.17 0.00	45.28 0.93 0.00	44.97 0.92 0.00	49.60 0.97 0.00	52.12 0.82 -0.10	52.78 0.62 -0.11	53.38 0.79 -0.07	58.11 0.91 -0.18	58.14 0.75 0.00	61.88 1.03 0.00	62.61 1.11 0.00	63.50 1.43 0.00	62.12 1.40 0.00	56.92 1.33 0.00	51.25 1.35 0.00	44.45 1.13 0.00
BORALEX_4TH_BRANCH 23824	40.13 1.13 0.00	37.40 0.91 0.00	33.65 0.88 0.00	32.54 0.89 0.00	32.60 0.92 0.00	35.68 0.90 0.00	38.18 1.26 0.00	41.77 1.22 0.00	44.38 1.17 0.00	45.50 1.15 0.00	45.28 1.23 0.00	50.18 1.56 0.00	52.89 1.69 0.00	53.86 1.82 0.00	54.52 2.00 0.00	59.07 2.05 0.00	59.80 2.41 0.00	62.79 1.95 0.00	63.59 2.09 0.00	63.87 1.80 0.00	62.30 1.58 0.00	57.19 1.61 0.00	51.05 1.15 0.00	44.19 0.87 0.00
BOWLINE___1 23526	40.48 1.48 0.00	37.77 1.28 0.00	33.95 1.18 0.00	32.79 1.14 0.00	32.76 1.08 0.00	35.75 0.97 0.00	38.36 1.44 0.00	42.38 1.83 0.00	45.41 2.20 0.00	46.69 2.35 0.00	46.69 2.64 0.00	51.69 3.07 0.00	54.48 3.28 0.00	55.53 3.49 0.00	56.26 3.73 0.00	61.30 4.28 0.00	61.75 4.36 0.00	65.65 4.81 0.00	65.93 4.43 0.00	66.47 4.41 0.01	64.30 3.58 0.01	58.69 3.11 0.01	52.45 2.54 0.00	45.36 2.04 0.00
BOWLINE___2 23595	40.48 1.48 0.00	37.77 1.28 0.00	33.95 1.18 0.00	32.79 1.14 0.00	32.76 1.08 0.00	35.75 0.97 0.00	38.36 1.44 0.00	42.38 1.83 0.00	45.41 2.20 0.00	46.69 2.35 0.00	46.69 2.64 0.00	51.69 3.07 0.00	54.48 3.28 0.00	55.53 3.49 0.00	56.26 3.73 0.00	61.30 4.28 0.00	61.75 4.36 0.00	65.65 4.81 0.00	65.93 4.43 0.00	66.47 4.41 0.01	64.30 3.58 0.01	58.69 3.11 0.01	52.45 2.54 0.00	45.36 2.04 0.00
BRADY___115KV_TB2 356060	39.46 0.47 0.00	37.04 0.55 0.00	33.13 0.36 0.00	32.07 0.41 0.00	32.03 0.35 0.00	35.36 0.59 0.00	37.25 0.33 0.00	40.88 0.32 0.00	43.47 0.26 0.00	44.48 0.13 0.00	43.96 -0.09 0.00	48.43 -0.19 0.00	50.94 -0.26 0.00	51.62 -0.42 0.00	51.95 -0.58 0.00	56.22 -0.80 0.00	56.76 -0.63 0.00	60.17 -0.67 0.00	61.13 -0.37 0.00	61.89 -0.19 0.00	60.91 0.18 0.00	55.92 0.33 0.00	50.50 0.60 0.00	44.15 0.82 0.00
BRANSCOMB___SOLAR 323811	40.51 1.52 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.79 1.14 0.00	32.92 1.23 0.00	35.99 1.22 0.00	38.51 1.59 0.00	42.22 1.66 0.00	44.98 1.77 0.00	45.99 1.64 0.00	45.67 1.63 0.00	50.72 2.09 0.00	53.40 2.20 0.00	54.33 2.29 0.00	55.00 2.47 0.00	59.59 2.57 0.00	60.03 2.64 0.00	63.58 2.74 0.00	64.45 2.95 0.00	64.87 2.80 0.00	63.52 2.79 0.00	58.20 2.61 0.00	52.05 2.14 0.00	45.06 1.73 0.00
BRDGHMPT_69_KV_BK1 55812	41.69 2.69 0.00	38.94 2.44 0.00	35.16 2.39 0.00	33.84 2.18 0.00	33.81 2.12 0.00	36.65 1.88 0.00	39.43 2.51 0.00	43.76 3.20 0.00	47.14 3.93 0.00	48.73 4.39 0.00	48.54 4.49 0.00	53.15 4.52 0.00	56.16 4.97 0.00	57.71 5.67 0.00	58.62 6.09 0.00	66.01 7.41 -1.59	65.19 7.06 -0.74	69.98 7.48 -1.66	67.52 6.03 0.00	70.36 6.64 -1.65	65.39 4.68 0.01	61.18 4.72 -0.87	52.15 2.25 0.00	46.01 2.69 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.69 2.69 0.00	38.72 2.23 0.00	34.80 2.03 0.00	33.43 1.77 0.00	33.36 1.68 0.00	36.27 1.50 0.00	38.99 2.07 0.00	43.27 2.72 0.00	46.45 3.24 0.00	47.94 3.59 0.00	47.79 3.74 0.00	52.27 3.65 0.00	55.34 4.15 0.00	56.88 4.84 0.00	57.72 5.20 0.00	65.16 6.27 -1.88	64.47 6.20 -0.87	69.68 6.88 -1.96	67.46 5.97 0.00	70.54 6.52 -1.95	65.57 4.86 0.01	61.62 5.00 -1.03	52.70 2.79 0.00	46.49 3.16 0.00
BRISTLHL_115KV_TB1 79998	38.10 -0.90 0.00	35.65 -0.84 0.00	32.05 -0.72 0.00	30.96 -0.70 0.00	30.99 -0.70 0.00	34.04 -0.73 0.00	36.26 -0.66 0.00	39.74 -0.81 0.00	42.30 -0.91 0.00	43.46 -0.89 0.00	43.29 -0.97 -0.21	48.65 -1.17 -1.19	51.82 -1.23 -1.84	52.78 -1.25 -1.99	53.13 -1.31 -1.92	58.25 -1.48 -2.72	57.92 -1.55 -2.08	61.27 -1.58 -2.01	61.74 -1.54 -1.78	62.28 -1.49 -1.70	60.78 -1.52 -1.57	55.91 -1.45 -1.77	49.93 -1.25 -1.28	42.88 -1.13 -0.68
BROOKHAVEN___DRP 24191	41.22 2.22 0.00	38.42 1.93 0.00	34.57 1.80 0.00	33.24 1.58 0.00	33.17 1.49 0.00	35.96 1.18 0.00	38.62 1.70 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.45 3.10 0.00	47.22 3.17 0.00	51.69 3.06 0.00	54.68 3.48 0.00	56.25 4.22 0.00	57.15 4.62 0.00	64.41 5.82 -1.58	63.75 5.62 -0.74	68.76 6.27 -1.65	66.72 5.23 0.00	69.55 5.83 -1.64	64.84 4.13 0.01	60.67 4.22 -0.87	51.95 2.05 0.00	45.88 2.56 0.00
BROOKLYN_NAVY_YARD 23515	40.83 1.83 0.00	38.09 1.60 0.00	34.21 1.44 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.62 3.99 0.00	55.40 4.20 0.00	56.46 4.42 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.79 5.39 0.00	66.74 5.90 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.15 3.24 0.00	45.88 2.56 0.00
BROOKLYN___ARMY_DRP 323595	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.83 2.27 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.08 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.66 5.64 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.28 5.78 0.00	67.84 5.77 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.18 2.86 0.00
BROOME_2_LFGE 323671	38.53 -0.47 0.00	36.09 -0.40 0.00	32.47 -0.30 0.00	31.34 -0.32 0.00	31.40 -0.29 0.00	34.49 -0.28 0.00	36.70 -0.22 0.00	40.60 0.04 0.00	43.21 0.00 0.00	44.39 0.04 0.00	43.99 0.00 0.05	48.56 0.20 0.26	51.38 0.26 0.08	52.15 0.26 0.15	53.05 0.26 -0.25	57.49 0.34 -0.13	58.14 0.23 -0.51	61.55 0.43 -0.28	61.36 0.25 0.39	61.60 0.12 0.60	60.05 -0.12 0.56	54.85 -0.11 0.63	49.34 -0.15 0.41	42.97 -0.13 0.22
BROOME___LFGE 323600	38.53 -0.47 0.00	36.09 -0.40 0.00	32.47 -0.30 0.00	31.34 -0.32 0.00	31.40 -0.29 0.00	34.49 -0.28 0.00	36.70 -0.22 0.00	40.60 0.04 0.00	43.21 0.00 0.00	44.39 0.04 0.00	43.99 0.00 0.05	48.56 0.20 0.26	51.38 0.26 0.08	52.15 0.26 0.15	53.05 0.26 -0.25	57.49 0.34 -0.13	58.14 0.23 -0.51	61.55 0.43 -0.28	61.36 0.25 0.39	61.60 0.12 0.60	60.05 -0.12 0.56	54.85 -0.11 0.63	49.34 -0.15 0.41	42.97 -0.13 0.22
BROWNFLS_115KV_TB 3_5 80003	38.96 -0.04 0.00	36.53 0.04 0.00	32.74 -0.03 0.00	31.69 0.03 0.00	31.62 -0.06 0.00	34.95 0.17 0.00	37.07 0.15 0.00	40.88 0.32 0.00	43.60 0.39 0.00	44.43 0.09 0.00	44.04 0.00 0.00	48.53 -0.10 0.00	50.97 -0.36 -0.13	51.45 -0.73 -0.14	51.88 -0.74 -0.09	56.44 -0.80 -0.22	56.47 -0.92 0.00	60.05 -0.79 0.00	60.95 -0.55 0.00	61.89 -0.19 0.00	60.78 0.06 0.00	55.81 0.22 0.00	50.35 0.45 0.00	43.89 0.56 0.00
BROWNSV1_27_KV_LOAD 356125	41.18 2.18 0.00	38.46 1.97 0.00	34.54 1.77 0.00	33.30 1.65 0.00	33.30 1.62 0.00	36.30 1.53 0.00	39.06 2.14 0.00	43.19 2.64 0.00	46.41 3.20 0.00	47.76 3.41 0.00	47.83 3.79 0.00	53.00 4.38 0.00	55.86 4.66 0.00	56.88 4.84 0.00	57.57 5.04 0.00	62.95 5.93 0.00	63.30 5.91 0.00	67.41 6.57 0.00	67.59 6.09 0.00	68.21 6.15 0.01	65.76 5.04 0.01	60.02 4.45 0.01	53.60 3.69 0.00	46.27 2.95 0.00
BURROWS___LYONSDAL 23803	39.46 0.47 0.00	36.96 0.47 0.00	33.23 0.46 0.00	32.13 0.47 0.00	32.06 0.38 0.00	35.36 0.59 0.00	37.62 0.70 0.00	41.57 1.01 0.00	44.33 1.12 0.00	45.19 0.84 0.00	44.84 0.79 0.00	49.50 0.88 0.00	51.93 0.61 -0.11	52.58 0.42 -0.13	53.18 0.58 -0.08	57.90 0.68 -0.20	57.91 0.52 0.00	61.69 0.85 0.00	62.42 0.92 0.00	63.38 1.30 0.00	62.06 1.34 0.00	56.86 1.28 0.00	51.20 1.30 0.00	44.41 1.08 0.00
CAITHNESS_CC_1 323624	41.22 2.22 0.00	38.28 1.79 0.00	34.54 1.77 0.00	33.21 1.55 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.58 1.66 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.40 3.06 0.00	47.17 3.13 0.00	51.69 3.07 0.00	54.68 3.48 0.00	56.25 4.21 0.00	57.04 4.52 0.00	64.12 5.53 -1.57	63.69 5.57 -0.73	68.51 6.02 -1.64	66.72 5.22 0.00	69.35 5.65 -1.63	65.14 4.43 0.01	60.62 4.17 -0.86	51.95 2.05 0.00	45.88 2.56 0.00
CALPINE BETH_PAGE_GT4 24209	41.45 2.46 0.00	38.50 2.01 0.00	34.57 1.80 0.00	33.27 1.61 0.00	33.21 1.52 0.00	36.13 1.36 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.80 3.46 0.00	47.57 3.52 0.00	52.23 3.60 0.00	55.25 4.04 0.00	56.73 4.68 0.00	57.52 4.99 0.00	68.69 5.99 -5.69	66.02 5.97 -2.66	73.42 6.63 -5.95	67.28 5.78 0.00	74.21 6.21 -5.92	65.46 4.74 0.00	63.29 4.56 -3.15	52.60 2.69 0.00	46.18 2.86 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.45 2.46 0.00	38.39 1.90 0.00	34.57 1.80 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.13 1.35 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.81 3.46 0.00	47.57 3.52 0.00	52.23 3.60 0.00	55.25 4.04 0.00	56.73 4.69 0.00	57.52 4.99 0.00	68.58 5.87 -5.69	66.02 5.97 -2.66	73.30 6.51 -5.95	67.28 5.78 0.00	74.14 6.15 -5.92	65.76 5.04 0.00	63.29 4.56 -3.15	52.60 2.69 0.00	46.18 2.86 0.00
CALPINE_BP_GT1 23823	41.45 2.46 0.00	38.39 1.90 0.00	34.57 1.80 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.13 1.35 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.81 3.46 0.00	47.57 3.52 0.00	52.23 3.60 0.00	55.25 4.04 0.00	56.73 4.69 0.00	57.52 4.99 0.00	68.58 5.87 -5.69	66.02 5.97 -2.66	73.30 6.51 -5.95	67.28 5.78 0.00	74.14 6.15 -5.92	65.76 5.04 0.00	63.29 4.56 -3.15	52.60 2.69 0.00	46.18 2.86 0.00
CALSPAN___DRP 24200	35.52 -3.47 0.00	33.53 -2.96 0.00	30.21 -2.56 0.00	29.09 -2.56 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	33.97 -2.95 0.00	36.76 -3.77 0.02	38.91 -4.28 0.02	40.22 -4.12 0.00	39.53 -4.10 0.41	42.00 -4.13 2.50	43.58 -4.40 3.22	44.71 -4.48 2.86	41.05 -4.62 6.85	46.39 -5.07 5.55	42.53 -5.39 9.47	47.49 -5.35 8.00	52.14 -5.66 3.71	53.08 -6.52 2.48	51.87 -6.56 2.29	46.78 -6.23 2.58	42.98 -5.29 1.63	38.03 -4.42 0.87

CALVERTON___SOLAR 323806	41.26 2.26 0.00	38.35 1.86 0.00	34.64 1.87 0.00	33.30 1.65 0.00	33.24 1.55 0.00	35.99 1.22 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.54 3.19 0.00	47.30 3.26 0.00	51.83 3.21 0.00	54.83 3.64 0.00	56.41 4.37 0.00	57.20 4.67 0.00	64.30 5.70 -1.58	63.92 5.79 -0.74	68.70 6.21 -1.65	66.84 5.35 0.00	69.55 5.83 -1.64	65.27 4.56 0.01	60.73 4.28 -0.87	52.00 2.10 0.00	45.92 2.60 0.00
CANDIGU_WT_PWR 323617	37.47 -1.52 0.00	35.21 -1.28 0.00	31.72 -1.05 0.00	30.58 -1.08 0.00	30.70 -0.98 0.00	33.76 -1.01 0.00	35.74 -1.18 0.00	38.86 -1.58 0.11	41.20 -1.90 0.11	42.52 -1.82 0.00	41.25 -1.98 0.82	41.24 -2.04 5.35	40.93 -2.10 8.17	43.74 -2.18 6.12	26.47 -2.26 23.80	37.96 -2.34 16.71	15.14 -2.47 39.79	26.94 -2.31 31.59	51.34 -2.27 7.89	57.90 -2.60 1.57	56.54 -2.73 1.45	51.34 -2.61 1.63	46.59 -2.24 1.06	40.89 -1.86 0.57
CARR STREET_E_SYR 24060	38.33 -0.66 0.00	35.91 -0.59 0.00	32.28 -0.49 0.00	31.15 -0.51 0.00	31.21 -0.47 0.00	34.29 -0.49 0.00	36.48 -0.44 0.00	40.03 -0.53 0.00	42.60 -0.60 0.00	43.81 -0.53 0.00	43.35 -0.57 0.12	47.24 -0.68 0.70	49.91 -0.72 0.57	50.71 -0.73 0.60	50.96 -0.79 0.78	55.47 -0.85 0.69	55.19 -0.98 1.23	58.75 -0.91 1.18	59.53 -0.92 1.05	60.14 -0.93 1.00	58.76 -1.03 0.93	53.54 -1.00 1.04	48.30 -0.85 0.75	42.18 -0.74 0.40
CARTHAGE___PAPER 23857	39.54 0.55 0.00	37.07 0.58 0.00	33.29 0.52 0.00	32.25 0.60 0.00	32.13 0.44 0.00	35.57 0.80 0.00	37.77 0.85 0.00	41.69 1.13 0.00	44.42 1.21 0.00	45.14 0.80 0.00	44.79 0.75 0.00	49.36 0.73 0.00	51.79 0.36 -0.22	52.24 -0.05 -0.25	52.78 0.11 -0.15	57.58 0.17 -0.40	57.39 0.00 0.00	61.21 0.37 0.00	62.12 0.61 0.00	63.25 1.18 0.00	62.12 1.40 0.00	56.97 1.39 0.00	51.35 1.45 0.00	44.58 1.26 0.00
CASSADAGA_WT_PWR 323784	36.23 -2.77 0.00	34.08 -2.41 0.00	30.67 -2.10 0.00	29.47 -2.18 0.00	29.66 -2.03 0.00	32.62 -2.16 0.00	34.48 -2.44 0.00	37.29 -3.25 0.02	39.47 -3.72 0.02	40.79 -3.55 0.00	39.99 -3.66 0.40	43.01 -3.21 2.41	44.77 -3.33 3.10	46.00 -3.28 2.76	42.46 -3.47 6.59	48.02 -3.65 5.34	44.08 -4.07 9.23	49.16 -3.90 7.79	53.62 -4.31 3.58	54.27 -5.40 2.40	52.79 -5.71 2.22	47.70 -5.39 2.50	43.53 -4.79 1.58	38.49 -3.99 0.85
CE_DUNWOOD___DRP 24194	40.71 1.72 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.95 1.30 0.00	32.92 1.24 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.62 2.07 0.00	45.71 2.51 0.00	47.00 2.66 0.00	47.04 2.99 0.00	52.08 3.45 0.00	54.89 3.69 0.00	55.94 3.90 0.00	56.63 4.10 0.00	61.81 4.79 0.00	62.21 4.82 0.00	66.20 5.35 0.00	66.36 4.86 0.00	66.97 4.90 0.01	64.60 3.89 0.01	59.08 3.50 0.01	52.75 2.84 0.00	45.62 2.30 0.00
CE_MILLWOOD___DRP 24193	40.63 1.64 0.00	37.91 1.42 0.00	34.08 1.31 0.00	32.89 1.23 0.00	32.89 1.20 0.00	35.89 1.11 0.00	38.51 1.59 0.00	42.54 1.99 0.00	45.63 2.42 0.00	46.92 2.57 0.00	46.91 2.86 0.00	51.94 3.31 0.00	54.73 3.53 0.00	55.79 3.75 0.00	56.47 3.94 0.00	61.64 4.62 0.00	61.98 4.59 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.78 4.72 0.01	64.48 3.76 0.01	58.91 3.33 0.01	52.65 2.74 0.00	45.53 2.21 0.00
CE_NYC2_DRP 24202	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.38 5.36 0.00	62.73 5.34 0.00	66.81 5.96 0.00	66.91 5.41 0.00	67.53 5.46 0.01	65.03 4.31 0.01	59.41 3.84 0.01	53.20 3.29 0.00	45.97 2.64 0.00
CE_NYC_DRP 24195	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.80 1.88 0.00	42.91 2.35 0.00	46.10 2.89 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.15 4.62 0.00	62.43 5.42 0.00	62.85 5.45 0.00	66.87 6.02 0.00	67.04 5.54 0.00	67.71 5.65 0.01	65.21 4.49 0.01	59.58 4.00 0.01	53.20 3.29 0.00	45.97 2.64 0.00
CHAFFEE___LFGE 323603	35.64 -3.35 0.00	33.61 -2.88 0.00	30.31 -2.46 0.00	29.19 -2.47 0.00	29.40 -2.28 0.00	32.34 -2.44 0.00	34.11 -2.81 0.00	36.92 -3.61 0.02	39.08 -4.11 0.02	40.40 -3.95 0.00	39.68 -3.96 0.40	42.36 -3.84 2.42	44.05 -4.05 3.11	45.21 -4.06 2.77	41.69 -4.25 6.58	47.17 -4.51 5.35	43.40 -4.94 9.06	48.31 -4.87 7.66	52.62 -5.29 3.59	53.38 -6.27 2.43	52.10 -6.38 2.25	47.00 -6.06 2.52	43.01 -5.29 1.60	38.00 -4.46 0.86
CHATEAUG_35_KV_LOAD 355732	39.23 0.23 0.00	36.82 0.33 0.00	32.90 0.13 0.00	31.81 0.16 0.00	31.81 0.13 0.00	35.09 0.31 0.00	37.03 0.11 0.00	40.72 0.16 0.00	43.34 0.13 0.00	44.30 -0.04 0.00	43.87 -0.18 0.00	48.39 -0.24 0.00	50.94 -0.26 0.00	51.73 -0.31 0.00	52.11 -0.42 0.00	56.50 -0.51 0.00	56.99 -0.40 0.00	60.36 -0.49 0.00	61.25 -0.25 0.00	61.95 -0.12 0.00	60.78 0.06 0.00	55.69 0.11 0.00	50.15 0.25 0.00	43.67 0.35 0.00
CHATEAUG_WT_PWR 323614	39.15 0.16 0.00	36.75 0.26 0.00	32.87 0.10 0.00	31.75 0.10 0.00	31.75 0.06 0.00	35.02 0.25 0.00	37.00 0.07 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.34 0.00 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.78 -0.26 0.00	52.16 -0.37 0.00	56.56 -0.46 0.00	56.99 -0.40 0.00	60.35 -0.49 0.00	61.13 -0.37 0.00	61.76 -0.31 0.00	60.60 -0.12 0.00	55.53 -0.06 0.00	50.00 0.10 0.00	43.54 0.22 0.00
CHAT_HIGH_FALL_HYD 323578	39.23 0.23 0.00	36.82 0.33 0.00	32.90 0.13 0.00	31.81 0.16 0.00	31.81 0.13 0.00	35.09 0.31 0.00	37.03 0.11 0.00	40.72 0.16 0.00	43.34 0.13 0.00	44.30 -0.04 0.00	43.87 -0.18 0.00	48.39 -0.24 0.00	50.94 -0.26 0.00	51.73 -0.31 0.00	52.11 -0.42 0.00	56.50 -0.51 0.00	56.99 -0.40 0.00	60.36 -0.49 0.00	61.25 -0.25 0.00	61.95 -0.12 0.00	60.78 0.06 0.00	55.69 0.11 0.00	50.15 0.25 0.00	43.67 0.35 0.00
CHAUTAUQUA___LFGE 323629	35.99 -3.00 0.00	33.90 -2.59 0.00	30.57 -2.20 0.00	29.41 -2.25 0.00	29.59 -2.09 0.00	32.55 -2.23 0.00	34.37 -2.55 0.00	37.08 -3.45 0.02	39.25 -3.93 0.02	40.53 -3.81 0.00	39.85 -3.79 0.41	42.42 -3.74 2.47	44.08 -3.94 3.18	45.26 -3.96 2.82	41.62 -4.10 6.81	47.18 -4.34 5.50	43.08 -4.71 9.60	48.13 -4.63 8.09	53.04 -4.80 3.66	54.06 -5.59 2.43	52.71 -5.77 2.25	47.55 -5.50 2.53	43.51 -4.79 1.60	38.48 -3.99 0.86
CHERRYST_13_KV_LD 356241	41.02 2.03 0.00	38.32 1.82 0.00	34.41 1.64 0.00	33.21 1.55 0.00	33.21 1.52 0.00	36.20 1.43 0.00	38.92 1.99 0.00	43.07 2.51 0.00	46.28 3.07 0.00	47.63 3.28 0.00	47.70 3.66 0.00	52.86 4.23 0.00	55.66 4.45 0.00	56.67 4.63 0.00	57.41 4.89 0.00	62.72 5.70 0.00	63.08 5.68 0.00	67.11 6.27 0.00	67.28 5.78 0.00	67.90 5.83 0.01	65.45 4.74 0.01	59.74 4.17 0.01	53.40 3.49 0.00	46.10 2.77 0.00

CHESTROR_138KV_BK263 355645	40.28 1.29 0.00	37.59 1.09 0.00	33.79 1.02 0.00	32.64 0.98 0.00	32.60 0.92 0.00	35.61 0.83 0.00	38.18 1.26 0.00	42.14 1.58 0.00	45.11 1.90 0.00	46.34 2.00 0.00	46.25 2.20 0.00	51.21 2.58 0.00	53.97 2.76 0.00	54.95 2.91 0.00	55.63 3.10 0.00	60.72 3.71 0.00	61.12 3.73 0.00	65.04 4.20 0.00	65.31 3.81 0.00	65.91 3.85 0.01	63.69 2.98 0.01	58.24 2.67 0.01	52.05 2.15 0.00	45.06 1.73 0.00
CH_MIDHUDSON___DRP 24192	40.59 1.60 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.85 1.08 0.00	38.47 1.55 0.00	42.42 1.87 0.00	45.46 2.25 0.00	46.69 2.35 0.00	46.60 2.55 0.00	51.59 2.97 0.00	54.38 3.17 0.00	55.42 3.38 0.00	56.10 3.57 0.00	61.18 4.16 0.00	61.58 4.19 0.00	65.47 4.62 0.00	65.74 4.24 0.00	66.35 4.28 0.01	64.12 3.40 0.01	58.63 3.06 0.01	52.35 2.45 0.00	45.32 1.99 0.00
CH_MISC_IPPS 23765	40.75 1.76 0.00	38.06 1.57 0.00	34.18 1.41 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.87 2.53 0.00	46.78 2.73 0.00	51.84 3.21 0.00	54.58 3.38 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.41 4.39 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.66 4.59 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.00	45.53 2.21 0.00
CH_RES_BVR_FALLS 23983	38.96 -0.04 0.00	36.49 0.00 0.00	32.70 -0.07 0.00	31.62 -0.03 0.00	31.65 -0.03 0.00	34.77 0.00 0.00	36.85 -0.07 0.00	40.52 -0.04 0.00	43.17 -0.04 0.00	44.26 -0.09 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.88 -0.16 0.00	52.32 -0.21 0.00	56.79 -0.23 0.00	57.16 -0.23 0.00	60.60 -0.24 0.00	61.26 -0.25 0.00	61.83 -0.25 0.00	60.54 -0.18 0.00	55.47 -0.11 0.00	49.85 -0.05 0.00	43.32 0.00 0.00
CH_RES_NIAGARA 23895	34.24 -4.76 0.00	32.37 -4.12 0.00	29.20 -3.57 0.00	28.14 -3.51 0.00	28.33 -3.36 0.00	31.16 -3.62 0.00	32.82 -4.10 0.00	35.35 -5.19 0.02	37.40 -5.79 0.02	38.85 -5.50 0.00	38.54 -5.11 0.40	39.69 -6.56 2.37	41.91 -6.35 2.95	42.15 -7.18 2.70	39.36 -7.30 5.87	44.12 -7.98 4.91	39.41 -8.38 9.61	44.28 -8.52 8.05	50.49 -7.50 3.51	50.93 -8.50 2.64	49.90 -8.38 2.45	44.83 -8.00 2.75	41.79 -6.39 1.73	37.11 -5.29 0.93
CH_RES_SYRACUSE 23985	38.61 -0.39 0.00	36.16 -0.33 0.00	32.47 -0.30 0.00	31.37 -0.29 0.00	31.43 -0.25 0.00	34.49 -0.28 0.00	36.74 -0.18 0.00	40.31 -0.24 0.00	42.91 -0.30 0.00	44.08 -0.26 0.00	43.74 -0.31 0.00	48.24 -0.39 0.00	51.11 -0.41 -0.32	51.98 -0.42 -0.36	52.27 -0.47 -0.22	57.07 -0.51 -0.56	56.76 -0.63 0.00	60.29 -0.55 0.00	60.95 -0.55 0.00	61.51 -0.56 0.00	60.06 -0.67 0.00	54.97 -0.61 0.00	49.40 -0.50 0.00	42.85 -0.48 0.00
CLINTON_WT_PWR 323605	39.15 0.16 0.00	36.75 0.26 0.00	32.87 0.10 0.00	31.75 0.10 0.00	31.75 0.06 0.00	35.02 0.25 0.00	37.00 0.07 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.34 0.00 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.78 -0.26 0.00	52.16 -0.37 0.00	56.56 -0.46 0.00	56.99 -0.40 0.00	60.35 -0.49 0.00	61.13 -0.37 0.00	61.76 -0.31 0.00	60.60 -0.12 0.00	55.53 -0.06 0.00	50.00 0.10 0.00	43.54 0.22 0.00
CLINTON___LFGE 323618	39.66 0.66 0.00	37.26 0.77 0.00	33.26 0.49 0.00	32.16 0.50 0.00	32.16 0.48 0.00	35.50 0.73 0.00	37.48 0.55 0.00	41.29 0.73 0.00	43.94 0.73 0.00	44.74 0.40 0.00	44.27 0.22 0.00	48.87 0.24 0.00	51.46 0.26 0.00	52.14 0.10 0.00	52.63 0.11 0.00	57.07 0.06 0.00	57.57 0.17 0.00	60.96 0.12 0.00	61.87 0.37 0.00	62.45 0.37 0.00	61.21 0.48 0.00	56.08 0.50 0.00	50.50 0.60 0.00	44.06 0.74 0.00
COBBLENY_34_KV_TB1 80064	35.64 -3.35 0.00	33.61 -2.88 0.00	30.31 -2.46 0.00	29.19 -2.47 0.00	29.40 -2.28 0.00	32.34 -2.43 0.00	34.12 -2.81 0.00	36.92 -3.61 0.02	39.08 -4.10 0.02	40.40 -3.95 0.00	39.68 -3.96 0.40	42.36 -3.84 2.42	44.05 -4.04 3.11	45.16 -4.11 2.77	41.69 -4.25 6.58	47.00 -4.68 5.35	43.34 -4.99 9.06	48.31 -4.87 7.66	52.62 -5.29 3.59	53.19 -6.46 2.43	51.98 -6.50 2.25	46.89 -6.17 2.52	43.01 -5.29 1.60	38.00 -4.46 0.86
COFFEEN___115KV_TB3 355620	39.81 0.82 0.00	37.26 0.77 0.00	33.56 0.79 0.00	32.48 0.82 0.00	32.35 0.67 0.00	35.85 1.08 0.00	38.10 1.18 0.00	42.06 1.50 0.00	44.85 1.64 0.00	45.54 1.20 0.00	45.19 1.15 0.00	49.80 1.17 0.00	52.18 0.72 -0.27	52.60 0.26 -0.30	53.13 0.42 -0.18	58.00 0.51 -0.47	57.68 0.29 0.00	61.57 0.73 0.00	62.48 0.98 0.00	63.81 1.74 0.00	62.67 1.94 0.00	57.47 1.89 0.00	51.80 1.90 0.00	44.93 1.60 0.00
COLDSPRG_115KV_BK1 355956	36.23 -2.77 0.00	34.08 -2.41 0.00	30.74 -2.03 0.00	29.57 -2.09 0.00	29.78 -1.90 0.00	32.76 -2.02 0.00	34.67 -2.25 0.00	37.57 -2.96 0.02	39.73 -3.46 0.02	40.93 -3.41 0.00	39.83 -3.83 0.39	43.87 -2.43 2.33	45.77 -2.46 2.98	46.88 -2.50 2.66	43.69 -2.57 6.26	49.12 -2.79 5.10	45.70 -3.04 8.65	50.72 -2.80 7.32	54.42 -3.63 3.45	54.07 -5.65 2.35	52.66 -5.89 2.18	47.63 -5.50 2.45	43.26 -5.09 1.56	38.20 -4.29 0.83
COLONIE_LFGE___ 323577	39.93 0.93 0.00	37.26 0.77 0.00	33.52 0.75 0.00	32.35 0.70 0.00	32.44 0.76 0.00	35.47 0.70 0.00	37.92 1.00 0.00	41.57 1.01 0.00	44.29 1.08 0.00	45.36 1.02 0.00	45.15 1.10 0.00	49.99 1.36 0.00	52.69 1.49 0.00	53.65 1.62 0.00	54.26 1.73 0.00	58.84 1.82 0.00	59.35 1.95 0.00	62.67 1.82 0.00	63.34 1.84 0.00	63.81 1.74 0.00	62.24 1.52 0.00	57.03 1.44 0.00	51.00 1.10 0.00	44.24 0.91 0.00
COOPERNY_115KV_TB1 80082	39.97 0.97 0.00	37.33 0.84 0.00	33.52 0.75 0.00	32.38 0.73 0.00	32.38 0.70 0.00	35.40 0.63 0.00	37.88 0.96 0.00	41.77 1.22 0.00	44.68 1.47 0.00	45.90 1.55 0.00	45.76 1.72 0.00	50.62 1.99 0.00	53.35 2.15 0.00	54.33 2.29 0.00	54.94 2.42 0.00	59.92 2.91 0.00	60.26 2.87 0.00	64.07 3.22 0.00	64.45 2.95 0.00	65.04 2.98 0.01	63.02 2.31 0.01	57.63 2.06 0.01	51.55 1.65 0.00	44.62 1.30 0.00
COPENHAGEN_WT_PWR 323753	39.54 0.55 0.00	37.07 0.58 0.00	33.33 0.56 0.00	32.25 0.60 0.00	32.13 0.44 0.00	35.61 0.83 0.00	37.85 0.92 0.00	41.73 1.18 0.00	44.46 1.25 0.00	45.23 0.89 0.00	44.88 0.83 0.00	49.45 0.83 0.00	51.94 0.46 -0.28	52.40 0.05 -0.31	52.93 0.21 -0.19	57.79 0.29 -0.49	57.39 0.00 0.00	61.21 0.37 0.00	62.12 0.61 0.00	63.31 1.24 0.00	62.12 1.40 0.00	56.91 1.33 0.00	51.35 1.45 0.00	44.54 1.21 0.00
CORNELL_____ 23752	39.15 0.16 0.00	36.67 0.18 0.00	32.97 0.20 0.00	31.84 0.19 0.00	31.87 0.19 0.00	35.05 0.28 0.00	37.33 0.41 0.00	40.97 0.41 -0.01	43.52 0.30 -0.01	44.57 0.22 0.00	44.11 0.09 0.02	48.77 0.19 0.05	51.73 0.20 -0.33	52.34 0.16 -0.15	54.14 0.16 -1.45	58.24 0.23 -0.99	60.05 0.17 -2.49	63.21 0.55 -1.82	62.03 0.62 0.08	62.20 0.74 0.62	60.70 0.55 0.57	55.44 0.50 0.64	49.97 0.50 0.44	43.48 0.39 0.23

CORONA__69_KV_TB1 355595	41.34 2.34 0.00	38.42 1.93 0.00	34.51 1.74 0.00	33.21 1.55 0.00	33.14 1.46 0.00	36.09 1.32 0.00	38.77 1.85 0.00	42.99 2.43 0.00	46.19 2.98 0.00	47.67 3.33 0.00	47.57 3.52 0.00	52.46 3.79 -0.04	55.49 4.25 -0.04	56.86 4.79 -0.04	57.66 5.10 -0.04	86.59 6.27 -23.30	74.56 6.26 -10.91	92.14 6.94 -24.36	67.75 6.21 -0.04	92.88 6.52 -24.29	65.91 5.16 -0.03	73.37 4.84 -12.95	52.85 2.94 0.00	46.23 2.90 0.00
CORTLAND__115KV_TB3 80093	38.92 -0.08 0.00	36.45 -0.04 0.00	32.77 0.00 0.00	31.65 0.00 0.00	31.68 0.00 0.00	34.81 0.03 0.00	37.07 0.15 0.00	40.76 0.20 0.00	43.34 0.13 0.00	44.43 0.09 0.00	44.00 0.00 0.05	48.47 0.10 0.25	51.29 0.10 0.02	52.06 0.10 0.08	52.90 0.11 -0.27	57.40 0.17 -0.22	57.89 0.06 -0.44	61.37 0.30 -0.22	61.43 0.31 0.38	61.83 0.31 0.55	60.39 0.18 0.51	55.12 0.11 0.58	49.60 0.10 0.40	43.20 0.09 0.21
COXSACKIE__GT 23611	40.67 1.68 0.00	38.06 1.57 0.00	34.21 1.44 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.51 1.59 0.00	42.10 1.54 0.00	44.72 1.51 0.00	45.54 1.20 0.00	45.10 1.06 0.00	49.89 1.26 0.00	52.58 1.38 0.00	53.65 1.62 0.00	54.31 1.79 0.00	59.01 1.99 0.00	59.57 2.18 0.00	63.46 2.61 0.00	64.08 2.58 0.00	64.99 2.92 0.00	63.21 2.49 0.00	57.86 2.28 0.00	51.70 1.79 0.00	45.01 1.69 0.00
CPV_VALLEY__CC1 323721	40.01 1.01 0.00	37.36 0.87 0.00	33.59 0.82 0.00	32.41 0.76 0.00	32.41 0.73 0.00	35.40 0.63 0.00	37.92 1.00 0.00	41.85 1.30 0.00	44.76 1.55 0.00	46.03 1.68 0.00	45.94 1.89 0.00	50.87 2.24 0.00	53.56 2.36 0.00	54.59 2.55 0.00	55.26 2.73 0.00	60.21 3.19 0.00	60.61 3.21 0.00	64.43 3.59 0.00	64.76 3.26 0.00	65.29 3.23 0.01	63.27 2.55 0.01	57.80 2.23 0.01	51.70 1.79 0.00	44.71 1.39 0.00
CPV_VALLEY__CC2 323722	40.01 1.01 0.00	37.36 0.87 0.00	33.59 0.82 0.00	32.41 0.76 0.00	32.41 0.73 0.00	35.40 0.63 0.00	37.92 1.00 0.00	41.85 1.30 0.00	44.76 1.55 0.00	46.03 1.68 0.00	45.94 1.89 0.00	50.87 2.24 0.00	53.56 2.36 0.00	54.59 2.55 0.00	55.26 2.73 0.00	60.21 3.19 0.00	60.61 3.21 0.00	64.43 3.59 0.00	64.76 3.26 0.00	65.29 3.23 0.01	63.27 2.55 0.01	57.80 2.23 0.01	51.70 1.79 0.00	44.71 1.39 0.00
CRESCENT__HYD 24018	39.93 0.93 0.00	37.26 0.77 0.00	33.52 0.75 0.00	32.35 0.70 0.00	32.44 0.76 0.00	35.47 0.70 0.00	37.92 1.00 0.00	41.57 1.01 0.00	44.29 1.08 0.00	45.36 1.02 0.00	45.15 1.10 0.00	49.99 1.36 0.00	52.69 1.49 0.00	53.65 1.62 0.00	54.26 1.73 0.00	58.84 1.82 0.00	59.35 1.95 0.00	62.67 1.82 0.00	63.34 1.84 0.00	63.81 1.74 0.00	62.24 1.52 0.00	57.03 1.44 0.00	51.00 1.10 0.00	44.24 0.91 0.00
CRICKET__VALLEY_CC1 323756	40.16 1.17 0.00	37.48 0.99 0.00	33.69 0.92 0.00	32.54 0.89 0.00	32.54 0.86 0.00	35.50 0.73 0.00	38.10 1.18 0.00	42.06 1.50 0.00	45.02 1.81 0.00	46.25 1.91 0.00	46.20 2.16 0.00	51.20 2.58 0.00	53.91 2.71 0.00	54.95 2.91 0.00	55.63 3.10 0.00	60.55 3.54 0.00	61.01 3.62 0.00	64.74 3.90 0.00	65.07 3.57 0.00	65.60 3.54 0.01	63.51 2.79 0.01	58.02 2.44 0.01	51.90 2.00 0.01	44.88 1.56 0.00
CRICKET__VALLEY_CC2 323757	40.16 1.17 0.00	37.48 0.99 0.00	33.69 0.92 0.00	32.54 0.89 0.00	32.54 0.86 0.00	35.50 0.73 0.00	38.10 1.18 0.00	42.06 1.50 0.00	45.02 1.81 0.00	46.25 1.91 0.00	46.20 2.16 0.00	51.20 2.58 0.00	53.91 2.71 0.00	54.95 2.91 0.00	55.63 3.10 0.00	60.55 3.54 0.00	61.01 3.62 0.00	64.74 3.90 0.00	65.07 3.57 0.00	65.60 3.54 0.01	63.51 2.79 0.01	58.02 2.44 0.01	51.90 2.00 0.01	44.88 1.56 0.00
CRICKET__VALLEY_CC3 323758	40.16 1.17 0.00	37.48 0.99 0.00	33.69 0.92 0.00	32.54 0.89 0.00	32.54 0.86 0.00	35.50 0.73 0.00	38.10 1.18 0.00	42.06 1.50 0.00	45.02 1.81 0.00	46.25 1.91 0.00	46.20 2.16 0.00	51.20 2.58 0.00	53.91 2.71 0.00	54.95 2.91 0.00	55.63 3.10 0.00	60.55 3.54 0.00	61.01 3.62 0.00	64.74 3.90 0.00	65.07 3.57 0.00	65.60 3.54 0.01	63.51 2.79 0.01	58.02 2.44 0.01	51.90 2.00 0.01	44.88 1.56 0.00
CRUCIBLE_METL_DRP 24180	38.61 -0.39 0.00	36.16 -0.33 0.00	32.48 -0.29 0.00	31.37 -0.28 0.00	31.43 -0.25 0.00	34.53 -0.24 0.00	36.74 -0.18 0.00	40.31 -0.24 0.00	42.91 -0.30 0.00	44.08 -0.27 0.00	43.74 -0.31 0.00	48.24 -0.39 0.00	51.11 -0.41 -0.32	51.93 -0.47 -0.36	52.27 -0.47 -0.22	57.07 -0.51 -0.56	56.76 -0.63 0.00	60.23 -0.61 0.00	60.89 -0.62 0.00	61.51 -0.56 0.00	60.06 -0.67 0.00	54.92 -0.67 0.00	49.40 -0.50 0.00	42.85 -0.48 0.00
DAHOWA__HYDRO 323763	40.71 1.71 0.00	38.09 1.60 0.00	34.21 1.44 0.00	32.95 1.30 0.00	33.08 1.39 0.00	36.20 1.43 0.00	38.73 1.81 0.00	42.46 1.91 0.00	45.28 2.07 0.00	46.25 1.91 0.00	45.89 1.85 0.00	51.01 2.38 0.00	53.66 2.46 0.00	54.54 2.50 0.00	55.26 2.73 0.00	59.87 2.85 0.00	60.32 2.93 0.00	63.88 3.04 0.00	64.82 3.32 0.00	65.30 3.23 0.00	64.00 3.28 0.00	58.64 3.06 0.00	52.45 2.54 0.00	45.36 2.04 0.00
DANC__LFGE 323619	39.00 0.00 0.00	36.56 0.07 0.00	32.87 0.10 0.00	31.78 0.13 0.00	31.72 0.03 0.00	35.02 0.25 0.00	37.25 0.33 0.00	41.00 0.45 0.00	43.64 0.43 0.00	44.57 0.22 0.00	44.24 0.13 -0.06	49.01 0.05 -0.34	51.69 -0.20 -0.70	52.33 -0.47 -0.76	52.76 -0.42 -0.66	57.70 -0.40 -1.08	57.41 -0.57 -0.59	60.99 -0.42 -0.57	61.76 -0.25 -0.50	62.74 0.19 -0.48	61.41 0.24 -0.44	56.36 0.28 -0.50	50.71 0.45 -0.36	43.91 0.39 -0.19
DANSKAMMER__1 23586	40.75 1.76 0.00	38.06 1.57 0.00	34.18 1.41 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.87 2.53 0.00	46.78 2.73 0.00	51.84 3.21 0.00	54.58 3.38 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.41 4.39 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.66 4.59 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.01	45.53 2.21 0.00
DANSKAMMER__2 23589	40.75 1.76 0.00	38.06 1.57 0.00	34.18 1.41 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.87 2.53 0.00	46.78 2.73 0.00	51.84 3.21 0.00	54.58 3.38 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.41 4.39 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.66 4.59 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.01	45.53 2.21 0.00
DANSKAMMER__3 23590	40.75 1.76 0.00	38.06 1.57 0.00	34.18 1.41 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.87 2.53 0.00	46.78 2.73 0.00	51.84 3.21 0.00	54.58 3.38 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.41 4.39 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.66 4.59 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.01	45.53 2.21 0.00

DANSKAMMER___4 23591	40.75 1.76 0.00	38.06 1.57 0.00	34.18 1.41 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.87 2.53 0.00	46.78 2.73 0.00	51.84 3.21 0.00	54.58 3.38 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.41 4.39 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.66 4.59 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.00	45.53 2.21 0.00
DANSKAMMER___DIESEL 23592	40.75 1.75 0.00	38.06 1.57 0.00	34.18 1.41 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.87 2.53 0.00	46.77 2.73 0.00	51.79 3.16 0.00	54.58 3.38 0.00	55.68 3.64 0.00	56.31 3.78 0.00	61.46 4.45 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.11 4.61 0.00	66.72 4.66 0.01	64.42 3.70 0.01	58.91 3.33 0.01	52.60 2.69 0.00	45.53 2.21 0.00
DARBY___SOLAR 323810	40.56 1.56 0.00	37.91 1.42 0.00	34.05 1.28 0.00	32.83 1.17 0.00	32.95 1.27 0.00	36.02 1.25 0.00	38.54 1.62 0.00	42.22 1.66 0.00	45.02 1.81 0.00	46.03 1.68 0.00	45.67 1.63 0.00	50.77 2.14 0.00	53.40 2.20 0.00	54.33 2.29 0.00	55.00 2.47 0.00	59.64 2.62 0.00	60.03 2.64 0.00	63.64 2.80 0.00	64.45 2.95 0.00	64.93 2.86 0.00	63.58 2.85 0.00	58.25 2.67 0.00	52.10 2.19 0.00	45.10 1.78 0.00
DASHVILLE___HYD 23610	40.79 1.79 0.00	38.06 1.57 0.00	34.21 1.44 0.00	33.05 1.39 0.00	32.98 1.30 0.00	35.92 1.15 0.00	38.55 1.62 0.00	42.50 1.95 0.00	45.50 2.29 0.00	46.69 2.35 0.00	46.60 2.55 0.00	51.59 2.97 0.00	54.38 3.17 0.00	55.47 3.43 0.00	56.15 3.62 0.00	61.29 4.28 0.00	61.70 4.30 0.00	65.77 4.93 0.00	65.93 4.43 0.00	66.66 4.59 0.01	64.30 3.58 0.01	58.80 3.22 0.01	52.55 2.64 0.00	45.53 2.21 0.00
DELAWARE___LFGE 323621	39.58 0.58 0.00	37.00 0.51 0.00	33.29 0.52 0.00	32.16 0.51 0.00	32.16 0.48 0.00	35.26 0.49 0.00	37.62 0.70 0.00	41.45 0.89 0.00	44.25 1.04 0.00	45.36 1.02 0.00	45.15 1.10 0.00	49.99 1.36 0.00	52.64 1.38 -0.06	53.51 1.41 -0.07	54.10 1.52 -0.05	58.89 1.77 -0.11	59.04 1.61 -0.04	62.76 1.89 -0.03	63.22 1.72 0.00	63.73 1.68 0.02	62.10 1.40 0.02	56.78 1.22 0.02	50.95 1.05 0.00	44.15 0.82 0.00
DERFIELD_115KV_TB7 355931	39.03 0.04 0.00	36.53 0.04 0.00	32.80 0.03 0.00	31.69 0.03 0.00	31.72 0.03 0.00	34.81 0.03 0.00	37.00 0.07 0.00	40.64 0.08 0.00	43.29 0.09 0.00	44.43 0.09 0.00	44.13 0.09 0.00	48.77 0.15 0.00	51.30 0.10 0.00	52.20 0.16 0.00	52.69 0.16 0.00	57.25 0.23 0.00	57.57 0.17 0.00	61.03 0.18 0.00	61.68 0.18 0.00	62.26 0.19 0.00	60.78 0.06 0.00	55.64 0.06 0.00	49.95 0.05 0.00	43.37 0.04 0.00
DOGLEVILLE___HYD 23807	39.62 0.62 0.00	37.04 0.55 0.00	33.29 0.52 0.00	32.16 0.51 0.00	32.16 0.48 0.00	35.30 0.52 0.00	37.55 0.63 0.00	41.20 0.65 0.00	43.90 0.69 0.00	44.92 0.58 0.00	44.62 0.57 0.00	49.31 0.68 0.00	51.82 0.61 0.00	52.56 0.52 0.00	53.11 0.58 0.00	57.59 0.57 0.00	57.85 0.46 0.00	61.33 0.49 0.00	61.93 0.43 0.00	62.57 0.50 0.00	61.09 0.36 0.00	55.86 0.28 0.00	50.30 0.40 0.00	43.67 0.35 0.00
DUNKIRK___115KV_TB_200 55889	35.95 -3.04 0.00	33.90 -2.59 0.00	30.54 -2.23 0.00	29.41 -2.25 0.00	29.59 -2.09 0.00	32.55 -2.23 0.00	34.34 -2.58 0.00	37.08 -3.45 0.02	39.21 -3.98 0.02	40.49 -3.86 0.00	39.80 -3.83 0.41	42.36 -3.79 2.47	43.97 -4.04 3.19	45.15 -4.06 2.83	41.50 -4.20 6.83	46.94 -4.56 5.51	42.93 -4.82 9.64	48.04 -4.68 8.11	52.98 -4.86 3.67	53.87 -5.77 2.43	52.52 -5.95 2.25	47.38 -5.67 2.53	43.46 -4.84 1.60	38.44 -4.03 0.86
DUNKIRK___1 23563	35.95 -3.04 0.00	33.90 -2.59 0.00	30.54 -2.23 0.00	29.41 -2.25 0.00	29.59 -2.09 0.00	32.55 -2.23 0.00	34.34 -2.58 0.00	37.08 -3.45 0.02	39.21 -3.98 0.02	40.49 -3.86 0.00	39.80 -3.83 0.41	42.36 -3.79 2.47	43.97 -4.04 3.19	45.15 -4.06 2.83	41.50 -4.20 6.83	46.94 -4.56 5.51	42.93 -4.82 9.64	48.04 -4.68 8.11	52.98 -4.86 3.67	53.87 -5.77 2.43	52.52 -5.95 2.25	47.38 -5.67 2.53	43.46 -4.84 1.60	38.44 -4.03 0.86
DUNKIRK___2 23564	35.95 -3.04 0.00	33.90 -2.59 0.00	30.54 -2.23 0.00	29.41 -2.25 0.00	29.59 -2.09 0.00	32.55 -2.23 0.00	34.34 -2.58 0.00	37.08 -3.45 0.02	39.21 -3.98 0.02	40.49 -3.86 0.00	39.80 -3.83 0.41	42.36 -3.79 2.47	43.97 -4.04 3.19	45.15 -4.06 2.83	41.50 -4.20 6.83	46.94 -4.56 5.51	42.93 -4.82 9.64	48.04 -4.68 8.11	52.98 -4.86 3.67	53.87 -5.77 2.43	52.52 -5.95 2.25	47.38 -5.67 2.53	43.46 -4.84 1.60	38.44 -4.03 0.86
DUNKIRK___3 23565	35.76 -3.24 0.00	33.72 -2.77 0.00	30.41 -2.36 0.00	29.28 -2.37 0.00	29.47 -2.22 0.00	32.41 -2.36 0.00	34.19 -2.73 0.00	36.88 -3.65 0.03	39.04 -4.15 0.03	40.31 -4.04 0.00	39.58 -4.05 0.41	42.14 -3.99 2.50	43.77 -4.20 3.23	44.91 -4.27 2.86	41.23 -4.36 6.94	46.69 -4.73 5.60	42.50 -4.99 9.90	47.66 -4.87 8.31	52.69 -5.10 3.70	53.61 -6.02 2.44	52.27 -6.19 2.26	47.15 -5.89 2.54	43.26 -5.04 1.61	38.26 -4.20 0.86
DUNKIRK___4 23566	35.76 -3.24 0.00	33.72 -2.77 0.00	30.41 -2.36 0.00	29.28 -2.37 0.00	29.47 -2.22 0.00	32.41 -2.36 0.00	34.19 -2.73 0.00	36.88 -3.65 0.03	39.04 -4.15 0.03	40.31 -4.04 0.00	39.58 -4.05 0.41	42.14 -3.99 2.50	43.77 -4.20 3.23	44.91 -4.27 2.86	41.23 -4.36 6.94	46.69 -4.73 5.60	42.50 -4.99 9.90	47.66 -4.87 8.31	52.69 -5.10 3.70	53.61 -6.02 2.44	52.27 -6.19 2.26	47.15 -5.89 2.54	43.26 -5.04 1.61	38.26 -4.20 0.86
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.79 1.79 0.00	38.02 1.53 0.00	34.18 1.41 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.66 1.74 0.00	42.75 2.19 0.00	45.84 2.64 0.00	47.14 2.79 0.00	47.17 3.13 0.00	52.23 3.60 0.00	55.04 3.84 0.00	56.10 4.06 0.00	56.78 4.25 0.00	61.98 4.96 0.00	62.39 4.99 0.00	66.38 5.54 0.00	66.54 5.04 0.00	67.16 5.09 0.01	64.79 4.07 0.01	59.24 3.67 0.01	52.90 2.99 0.00	45.75 2.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.52 1.52 0.00	37.80 1.31 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.79 1.11 0.00	35.78 1.01 0.00	38.36 1.44 0.00	42.34 1.78 0.00	45.37 2.16 0.00	46.61 2.26 0.00	46.51 2.47 0.00	51.50 2.87 0.00	54.27 3.07 0.00	55.32 3.28 0.00	55.99 3.47 0.00	61.12 4.11 0.00	61.53 4.13 0.00	65.47 4.62 0.00	65.74 4.24 0.00	66.35 4.28 0.01	64.12 3.40 0.01	58.58 3.00 0.01	52.35 2.45 0.00	45.32 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.98 1.99 0.00	38.21 1.72 0.00	34.28 1.51 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.85 1.08 0.00	38.55 1.62 0.00	42.66 2.11 0.00	45.84 2.64 0.00	47.14 2.79 0.00	47.26 3.22 0.00	52.37 3.74 0.00	55.19 3.99 0.00	56.15 4.11 0.00	56.78 4.25 0.00	62.15 5.13 0.00	62.50 5.11 0.00	66.50 5.66 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.79 4.07 0.01	59.13 3.56 0.01	53.00 3.09 0.00	45.88 2.56 0.00

E179THST_13_KV_LOAD 356214	41.14 2.14 0.00	38.35 1.86 0.00	34.41 1.64 0.00	33.24 1.58 0.00	33.24 1.55 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.36 3.02 0.00	47.52 3.48 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.41 4.37 0.00	57.10 4.57 0.00	62.43 5.42 0.00	62.85 5.45 0.00	66.87 6.02 0.00	67.04 5.54 0.00	67.59 5.52 0.01	65.15 4.43 0.01	59.47 3.89 0.01	53.25 3.34 0.00	46.10 2.77 0.00
EAST HAMPTON___GT 23717	41.65 2.65 0.00	38.86 2.37 0.00	35.26 2.49 0.00	34.00 2.34 0.00	34.00 2.31 0.00	36.93 2.16 0.00	39.73 2.80 0.00	44.13 3.57 0.00	47.57 4.36 0.00	49.22 4.88 0.00	48.98 4.93 0.00	53.68 5.06 0.00	56.57 5.37 0.00	58.12 6.09 0.00	58.93 6.41 0.00	66.13 7.53 -1.59	65.36 7.23 -0.74	69.74 7.24 -1.66	67.27 5.78 0.00	69.99 6.27 -1.65	65.45 4.74 0.01	60.84 4.39 -0.87	51.80 1.90 0.00	45.70 2.38 0.00
EAST RIVER___6 23660	40.98 1.99 0.00	38.24 1.75 0.00	34.34 1.57 0.00	33.14 1.49 0.00	33.14 1.46 0.00	36.13 1.35 0.00	38.84 1.92 0.00	42.91 2.35 0.00	46.15 2.94 0.00	47.49 3.15 0.00	47.57 3.52 0.00	52.71 4.09 0.00	55.55 4.35 0.00	56.56 4.53 0.00	57.31 4.78 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.90 5.83 0.01	65.51 4.80 0.01	59.69 4.11 0.01	53.34 3.44 0.00	46.05 2.73 0.00
EAST RIVER___7 23524	40.98 1.99 0.00	38.24 1.75 0.00	34.34 1.57 0.00	33.14 1.49 0.00	33.14 1.46 0.00	36.13 1.35 0.00	38.84 1.92 0.00	42.91 2.35 0.00	46.15 2.94 0.00	47.49 3.15 0.00	47.57 3.52 0.00	52.71 4.09 0.00	55.55 4.35 0.00	56.56 4.53 0.00	57.31 4.78 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.90 5.83 0.01	65.51 4.80 0.01	59.69 4.11 0.01	53.34 3.44 0.00	46.05 2.73 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.71 1.72 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.95 1.30 0.00	32.92 1.24 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.62 2.07 0.00	45.71 2.51 0.00	47.00 2.66 0.00	47.04 2.99 0.00	52.08 3.45 0.00	54.89 3.69 0.00	55.94 3.90 0.00	56.63 4.10 0.00	61.81 4.79 0.00	62.21 4.82 0.00	66.20 5.35 0.00	66.36 4.86 0.00	66.97 4.90 0.01	64.60 3.89 0.01	59.08 3.50 0.01	52.75 2.84 0.00	45.62 2.30 0.00
EAST_HAMPTON___DIESEL 23722	41.61 2.61 0.00	38.86 2.37 0.00	35.26 2.49 0.00	34.00 2.34 0.00	34.00 2.31 0.00	36.93 2.16 0.00	39.76 2.84 0.00	44.13 3.57 0.00	47.62 4.41 0.00	49.22 4.88 0.00	48.98 4.93 0.00	53.68 5.06 0.00	56.57 5.37 0.00	58.12 6.09 0.00	58.93 6.41 0.00	66.13 7.53 -1.59	65.36 7.23 -0.74	69.68 7.18 -1.66	67.22 5.72 0.00	69.93 6.21 -1.65	65.39 4.68 0.01	60.73 4.28 -0.87	51.75 1.85 0.00	45.62 2.29 0.00
EAST_POINT___SOLAR 323840	40.75 1.76 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.02 1.36 0.00	33.14 1.46 0.00	36.37 1.60 0.00	38.77 1.85 0.00	42.30 1.74 0.00	44.81 1.60 0.00	45.76 1.42 0.00	45.58 1.54 0.00	50.67 2.04 0.00	53.51 2.31 0.00	54.43 2.40 0.00	55.10 2.57 0.00	59.87 2.85 0.00	60.15 2.75 0.00	64.19 3.34 0.00	65.00 3.50 0.00	65.79 3.72 0.01	64.24 3.52 0.01	58.80 3.22 0.01	52.75 2.84 0.00	45.58 2.25 0.00
EAST_PULASKI___ESR 323781	38.53 -0.47 0.00	36.09 -0.40 0.00	32.44 -0.33 0.00	31.34 -0.32 0.00	31.37 -0.32 0.00	34.53 -0.24 0.00	36.70 -0.22 0.00	40.31 -0.24 0.00	42.91 -0.30 0.00	43.94 -0.40 0.00	43.72 -0.48 -0.16	48.88 -0.63 -0.89	51.86 -0.77 -1.43	52.70 -0.88 -1.55	53.10 -0.89 -1.46	58.23 -0.91 -2.12	57.84 -1.09 -1.54	61.30 -1.03 -1.49	61.90 -0.92 -1.32	62.59 -0.74 -1.26	61.17 -0.73 -1.17	56.23 -0.66 -1.31	50.40 -0.45 -0.95	43.44 -0.39 -0.51
EAST_RIVER___1 323558	40.91 1.91 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.80 1.88 0.00	42.91 2.35 0.00	46.10 2.90 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.45 4.25 0.00	56.52 4.48 0.00	57.20 4.67 0.00	62.38 5.36 0.00	62.85 5.46 0.00	66.81 5.97 0.00	67.04 5.54 0.00	67.59 5.52 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.20 3.29 0.00	45.97 2.64 0.00
EAST_RIVER___2 323559	40.98 1.99 0.00	38.24 1.75 0.00	34.34 1.57 0.00	33.14 1.49 0.00	33.14 1.46 0.00	36.13 1.35 0.00	38.84 1.92 0.00	42.91 2.35 0.00	46.15 2.94 0.00	47.49 3.15 0.00	47.57 3.52 0.00	52.71 4.09 0.00	55.55 4.35 0.00	56.56 4.53 0.00	57.31 4.78 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.90 5.83 0.01	65.51 4.80 0.01	59.69 4.11 0.01	53.34 3.44 0.00	46.05 2.73 0.00
EAST___DELAWARE_HYD 23607	40.44 1.44 0.00	37.73 1.24 0.00	33.88 1.11 0.00	32.73 1.08 0.00	32.67 0.98 0.00	35.68 0.90 0.00	38.25 1.33 0.00	42.22 1.66 0.00	45.20 1.99 0.00	46.38 2.04 0.00	46.25 2.20 0.00	51.20 2.58 0.00	53.91 2.71 0.00	54.95 2.91 0.00	55.68 3.15 0.00	60.72 3.70 0.00	61.12 3.73 0.00	65.16 4.32 0.00	65.44 3.94 0.00	66.16 4.10 0.01	63.99 3.28 0.01	58.41 2.83 0.01	52.20 2.30 0.00	45.19 1.86 0.00
EIGHT_POINT___WT_PWR 323820	37.71 -1.29 0.00	35.43 -1.06 0.00	31.89 -0.88 0.00	30.74 -0.92 0.00	30.86 -0.82 0.00	33.98 -0.80 0.00	35.89 -1.03 0.00	39.10 -1.54 -0.09	41.27 -2.03 -0.09	42.39 -1.95 0.00	42.24 -2.16 -0.35	48.92 -2.28 -2.57	53.75 -2.35 -4.90	52.71 -2.45 -3.12	67.28 -2.52 -17.27	65.86 -2.51 -11.35	84.50 -2.70 -29.80	81.57 -2.37 -23.10	63.06 -2.21 -3.77	58.12 -2.42 1.53	56.82 -2.49 1.41	51.55 -2.44 1.59	46.82 -2.05 1.04	41.08 -1.69 0.56
ELBRIDGE_115KV_TB2 80188	38.37 -0.62 0.00	35.94 -0.55 0.00	32.28 -0.49 0.00	31.18 -0.47 0.00	31.24 -0.44 0.00	34.32 -0.45 0.00	36.52 -0.41 0.00	40.03 -0.53 0.00	42.56 -0.65 0.00	43.77 -0.58 0.00	43.38 -0.66 0.00	47.85 -0.78 0.00	50.72 -0.82 -0.34	51.53 -0.88 -0.38	51.81 -0.95 -0.23	56.59 -1.03 -0.60	56.30 -1.09 0.00	59.81 -1.03 0.00	60.45 -1.05 0.00	61.08 -0.99 0.00	59.63 -1.09 0.00	54.58 -1.00 0.00	49.06 -0.85 0.00	42.59 -0.74 0.00
ELEC_TRO_TEK 24086	41.10 2.11 0.00	38.21 1.72 0.00	34.34 1.57 0.00	33.05 1.39 0.00	32.98 1.30 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.45 3.10 0.00	47.35 3.30 0.00	52.14 3.50 -0.02	55.11 3.89 -0.02	56.53 4.48 -0.02	57.32 4.78 -0.02	74.95 5.93 -12.00	68.92 5.91 -5.62	79.96 6.57 -12.55	67.30 5.78 -0.02	80.73 6.15 -12.51	65.47 4.74 -0.01	66.75 4.50 -6.66	52.50 2.59 0.00	45.97 2.64 0.00
ELLENBURG_WT_PWR 323604	39.15 0.16 0.00	36.75 0.26 0.00	32.87 0.10 0.00	31.75 0.10 0.00	31.75 0.06 0.00	35.02 0.25 0.00	37.00 0.07 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.34 0.00 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.78 -0.26 0.00	52.16 -0.37 0.00	56.56 -0.46 0.00	56.99 -0.40 0.00	60.35 -0.49 0.00	61.13 -0.37 0.00	61.76 -0.31 0.00	60.60 -0.12 0.00	55.53 -0.06 0.00	50.00 0.10 0.00	43.54 0.22 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.33 -3.67 0.00	33.35 -3.14 0.00	30.08 -2.69 0.00	28.96 -2.69 0.00	29.18 -2.50 0.00	32.10 -2.68 0.00	33.82 -3.10 0.00	36.52 -4.02 0.03	38.65 -4.54 0.03	40.00 -4.35 0.00	39.44 -4.18 0.42	41.41 -4.67 2.55	43.01 -4.92 3.28	44.07 -5.05 2.92	40.32 -5.25 6.96	45.62 -5.76 5.64	41.46 -6.08 9.85	46.46 -6.08 8.30	51.57 -6.15 3.78	52.84 -6.70 2.53	51.64 -6.74 2.34	46.50 -6.45 2.63	42.91 -5.34 1.66	37.97 -4.46 0.89
EMPIRE_CC_1 323656	39.39 0.39 0.00	36.75 0.26 0.00	33.10 0.33 0.00	31.97 0.32 0.00	32.03 0.35 0.00	34.98 0.21 0.00	37.40 0.48 0.00	41.00 0.45 0.00	43.55 0.34 0.00	44.61 0.27 0.00	44.39 0.35 0.00	49.16 0.54 0.00	51.82 0.62 0.00	52.77 0.73 0.00	53.37 0.84 0.00	57.81 0.80 0.00	58.37 0.97 0.00	61.58 0.73 0.00	62.24 0.74 0.00	62.63 0.56 0.00	61.09 0.37 0.00	55.97 0.39 0.00	50.05 0.15 0.00	43.54 0.22 0.00
EMPIRE_CC_2 323658	39.39 0.39 0.00	36.75 0.26 0.00	33.10 0.33 0.00	31.97 0.32 0.00	32.03 0.35 0.00	34.98 0.21 0.00	37.40 0.48 0.00	41.00 0.45 0.00	43.55 0.34 0.00	44.61 0.27 0.00	44.39 0.35 0.00	49.16 0.54 0.00	51.82 0.62 0.00	52.77 0.73 0.00	53.37 0.84 0.00	57.81 0.80 0.00	58.37 0.97 0.00	61.58 0.73 0.00	62.24 0.74 0.00	62.63 0.56 0.00	61.09 0.37 0.00	55.97 0.39 0.00	50.05 0.15 0.00	43.54 0.22 0.00
ENORWICH_115KV_TB1 80156	40.40 1.40 0.00	37.88 1.39 0.00	34.11 1.34 0.00	32.98 1.33 0.00	32.89 1.20 0.00	36.34 1.56 0.00	38.66 1.74 0.00	42.51 1.95 0.00	45.11 1.90 0.00	45.94 1.60 0.00	45.55 1.54 0.03	50.33 1.85 0.15	52.96 1.69 -0.06	53.57 1.56 0.03	54.99 1.89 -0.57	59.56 2.17 -0.37	60.42 2.01 -1.01	64.15 2.62 -0.69	63.98 2.71 0.23	64.50 2.92 0.49	63.00 2.73 0.46	57.57 2.50 0.51	51.90 2.35 0.34	45.13 1.99 0.18
ERIE_ST__34_KV_TB1-2 80199	35.52 -3.47 0.00	33.50 -2.99 0.00	30.21 -2.56 0.00	29.09 -2.56 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	33.97 -2.95 0.00	36.88 -3.65 0.02	39.08 -4.10 0.02	40.26 -4.08 0.00	39.19 -4.45 0.40	43.00 -3.21 2.42	44.84 -3.28 3.09	45.97 -3.33 2.74	42.62 -3.41 6.49	47.96 -3.76 5.30	46.28 -4.07 7.04	50.79 -3.89 6.16	52.99 -4.92 3.59	52.97 -6.64 2.46	51.65 -6.80 2.27	46.69 -6.34 2.56	42.54 -5.74 1.62	37.60 -4.85 0.87
ERIE_WT_PWR 323693	35.52 -3.47 0.00	33.54 -2.95 0.00	30.25 -2.52 0.00	29.12 -2.53 0.00	29.31 -2.38 0.00	32.27 -2.50 0.00	34.00 -2.92 0.00	36.76 -3.77 0.02	38.91 -4.28 0.02	40.27 -4.08 0.00	39.58 -4.05 0.41	42.00 -4.13 2.50	43.63 -4.35 3.22	44.81 -4.37 2.86	41.05 -4.62 6.85	46.56 -4.90 5.55	42.59 -5.34 9.47	47.55 -5.29 8.00	52.20 -5.60 3.71	53.27 -6.33 2.48	52.06 -6.38 2.29	46.89 -6.11 2.58	43.03 -5.24 1.63	38.08 -4.37 0.87
ESPRGFLD_115KV_TB1 80157	40.05 1.05 0.00	37.48 0.99 0.00	33.69 0.92 0.00	32.51 0.85 0.00	32.54 0.86 0.00	35.75 0.97 0.00	38.14 1.22 0.00	41.93 1.38 0.00	44.63 1.43 0.00	45.67 1.33 0.00	45.45 1.41 0.00	50.38 1.75 0.00	52.99 1.79 0.00	53.86 1.82 0.00	54.58 2.05 0.00	59.30 2.28 0.00	59.40 2.01 0.00	63.34 2.49 0.00	63.96 2.46 0.00	64.61 2.55 0.01	63.02 2.31 0.01	57.63 2.06 0.01	51.75 1.85 0.00	44.80 1.47 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.11 0.12 0.00	36.64 0.15 0.00	32.93 0.16 0.00	31.78 0.13 0.00	31.84 0.16 0.00	35.02 0.24 0.00	37.29 0.37 0.00	40.93 0.37 -0.01	43.48 0.26 -0.01	44.52 0.18 0.00	44.06 0.04 0.02	48.69 0.15 0.08	51.62 0.15 -0.27	52.26 0.10 -0.12	53.81 0.11 -1.18	58.02 0.17 -0.83	59.51 0.11 -2.00	62.72 0.43 -1.45	61.86 0.49 0.13	62.12 0.62 0.57	60.68 0.49 0.53	55.38 0.39 0.60	49.90 0.40 0.40	43.45 0.35 0.22
ETNA____115KV_TB2 80207	39.11 0.12 0.00	36.64 0.15 0.00	32.93 0.16 0.00	31.78 0.13 0.00	31.84 0.16 0.00	35.02 0.24 0.00	37.29 0.37 0.00	40.93 0.37 -0.01	43.48 0.26 -0.01	44.52 0.18 0.00	44.06 0.04 0.02	48.69 0.15 0.08	51.62 0.15 -0.27	52.26 0.10 -0.12	53.81 0.11 -1.18	58.02 0.17 -0.83	59.51 0.11 -2.00	62.72 0.43 -1.45	61.86 0.49 0.13	62.12 0.62 0.57	60.68 0.49 0.53	55.38 0.39 0.60	49.90 0.40 0.40	43.45 0.35 0.22
EUCLID___115KV_TB2 356179	38.18 -0.82 0.00	35.76 -0.73 0.00	32.11 -0.66 0.00	31.02 -0.63 0.00	31.08 -0.60 0.00	34.11 -0.66 0.00	36.29 -0.63 0.00	39.83 -0.73 0.00	42.39 -0.82 0.00	43.55 -0.80 0.00	43.05 -0.84 0.16	46.76 -0.97 0.89	49.32 -1.08 0.80	50.10 -1.09 0.84	50.33 -1.16 1.05	54.81 -1.20 1.01	54.52 -1.32 1.56	58.00 -1.34 1.50	58.88 -1.29 1.33	59.56 -1.24 1.27	58.21 -1.34 1.18	52.98 -1.28 1.33	47.85 -1.10 0.96	41.86 -0.95 0.51
E_CANADA_CAP_HY 24051	40.36 1.36 0.00	37.80 1.31 0.00	33.95 1.18 0.00	32.73 1.08 0.00	32.82 1.14 0.00	35.99 1.22 0.00	38.40 1.48 0.00	42.06 1.50 0.00	44.68 1.47 0.00	45.63 1.29 0.00	45.41 1.37 0.00	50.38 1.75 0.00	53.10 1.90 0.00	54.02 1.98 0.00	54.68 2.15 0.00	59.41 2.39 0.00	59.57 2.18 0.00	63.52 2.67 0.00	64.27 2.77 0.00	64.98 2.92 0.01	63.45 2.74 0.01	58.08 2.50 0.01	52.20 2.30 0.00	45.14 1.82 0.00
E_CANADA_MHWK_HY 24050	39.62 0.62 0.00	37.07 0.58 0.00	33.29 0.52 0.00	32.16 0.50 0.00	32.16 0.48 0.00	35.30 0.52 0.00	37.55 0.63 0.00	41.20 0.65 0.00	43.90 0.69 0.00	44.92 0.57 0.00	44.62 0.57 0.00	49.31 0.68 0.00	51.82 0.62 0.00	52.56 0.52 0.00	53.11 0.58 0.00	57.59 0.57 0.00	57.85 0.46 0.00	61.33 0.48 0.00	61.93 0.43 0.00	62.57 0.49 0.00	61.09 0.37 0.00	55.86 0.28 0.00	50.30 0.40 0.00	43.67 0.34 0.00
E_FISHKILL___LBMP 23776	40.44 1.44 0.00	37.73 1.24 0.00	33.92 1.15 0.00	32.76 1.11 0.00	32.73 1.05 0.00	35.75 0.97 0.00	38.32 1.40 0.00	42.34 1.78 0.00	45.33 2.12 0.00	46.61 2.26 0.00	46.60 2.55 0.00	51.55 2.92 0.00	54.32 3.12 0.00	55.37 3.33 0.00	56.05 3.52 0.00	61.12 4.11 0.00	61.47 4.07 0.00	65.41 4.56 0.00	65.62 4.12 0.00	66.22 4.16 0.01	64.00 3.28 0.01	58.52 2.95 0.01	52.30 2.40 0.00	45.23 1.91 0.00
FALCON___SEABRD_CC1 323796	39.58 0.59 0.00	37.18 0.69 0.00	33.19 0.42 0.00	32.10 0.44 0.00	32.10 0.41 0.00	35.43 0.66 0.00	37.40 0.48 0.00	41.20 0.65 0.00	43.90 0.69 0.00	44.66 0.31 0.00	44.22 0.18 0.00	48.77 0.15 0.00	51.41 0.21 0.00	52.09 0.05 0.00	52.53 0.00 0.00	56.96 -0.06 0.00	57.45 0.06 0.00	60.78 -0.06 0.00	61.62 0.12 0.00	62.20 0.12 0.00	61.03 0.31 0.00	55.92 0.34 0.00	50.35 0.45 0.00	43.89 0.56 0.00
FALCON___SEABRD_CC2 323797	39.58 0.59 0.00	37.18 0.69 0.00	33.19 0.42 0.00	32.10 0.44 0.00	32.10 0.41 0.00	35.43 0.66 0.00	37.40 0.48 0.00	41.20 0.65 0.00	43.90 0.69 0.00	44.66 0.31 0.00	44.22 0.18 0.00	48.77 0.15 0.00	51.41 0.21 0.00	52.09 0.05 0.00	52.53 0.00 0.00	56.96 -0.06 0.00	57.45 0.06 0.00	60.78 -0.06 0.00	61.62 0.12 0.00	62.20 0.12 0.00	61.03 0.31 0.00	55.92 0.34 0.00	50.35 0.45 0.00	43.89 0.56 0.00

FAR ROCKAWAY___4 23548	41.69 2.69 0.00	38.72 2.23 0.00	34.77 2.00 0.00	33.46 1.80 0.00	33.40 1.71 0.00	36.34 1.56 0.00	39.06 2.14 0.00	43.35 2.80 0.00	46.58 3.37 0.00	48.07 3.72 0.00	48.01 3.96 0.00	52.95 4.28 -0.04	56.00 4.76 -0.04	57.44 5.36 -0.04	58.24 5.67 -0.04	89.88 6.96 -25.91	76.53 7.00 -12.13	95.66 7.73 -27.09	68.49 6.95 -0.04	96.42 7.32 -27.02	66.65 5.89 -0.03	75.49 5.50 -14.41	53.30 3.39 0.00	46.66 3.34 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.80 1.88 0.00	42.95 2.39 0.00	46.10 2.89 0.00	47.45 3.10 0.00	47.52 3.48 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.85 5.45 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.21 4.49 0.01	59.58 4.00 0.01	53.25 3.34 0.00	45.97 2.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.95 1.95 0.00	38.21 1.72 0.00	34.34 1.57 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.84 1.92 0.00	42.95 2.39 0.00	46.10 2.89 0.00	47.45 3.10 0.00	47.52 3.48 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.85 5.45 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.71 5.65 0.01	65.27 4.55 0.01	59.58 4.00 0.01	53.25 3.34 0.00	45.97 2.64 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.91 1.91 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.80 1.88 0.00	42.95 2.39 0.00	46.10 2.89 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.15 4.62 0.00	62.43 5.42 0.00	62.85 5.45 0.00	66.87 6.02 0.00	67.04 5.54 0.00	67.65 5.59 0.01	65.21 4.49 0.01	59.52 3.95 0.01	53.20 3.29 0.00	45.97 2.64 0.00
FARRAGUT___LBMP 323566	40.91 1.91 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.42 0.00	33.08 1.39 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.44 3.39 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.10 4.57 0.00	62.38 5.36 0.00	62.79 5.39 0.00	66.81 5.96 0.00	66.97 5.47 0.00	67.59 5.52 0.01	65.15 4.43 0.01	59.52 3.95 0.01	53.15 3.24 0.00	45.92 2.60 0.00
FARRCKWY_69_KV_BK2 55825	41.69 2.69 0.00	38.72 2.23 0.00	34.77 2.00 0.00	33.46 1.80 0.00	33.40 1.71 0.00	36.34 1.56 0.00	39.06 2.14 0.00	43.35 2.80 0.00	46.58 3.37 0.00	48.07 3.72 0.00	48.01 3.96 0.00	52.95 4.28 -0.04	56.00 4.76 -0.04	57.44 5.36 -0.04	58.24 5.67 -0.04	89.88 6.96 -25.91	76.53 7.00 -12.13	95.66 7.73 -27.09	68.49 6.95 -0.04	96.42 7.32 -27.02	66.65 5.89 -0.03	75.49 5.50 -14.41	53.30 3.39 0.00	46.66 3.34 0.00
FENNER___WINDPWR 24204	39.31 0.31 0.00	36.82 0.33 0.00	33.06 0.29 0.00	31.94 0.28 0.00	31.97 0.28 0.00	35.16 0.38 0.00	37.40 0.48 0.00	41.17 0.61 0.00	43.81 0.60 0.00	44.88 0.53 0.00	44.46 0.49 0.06	48.80 0.54 0.37	51.47 0.51 0.25	52.25 0.47 0.25	52.73 0.58 0.37	57.38 0.63 0.27	57.27 0.52 0.64	60.96 0.73 0.62	61.70 0.74 0.54	62.41 0.87 0.53	61.02 0.79 0.49	55.75 0.72 0.55	50.16 0.65 0.39	43.68 0.56 0.21
FIBERTEK___ENERGY 23856	38.61 -0.39 0.00	36.16 -0.33 0.00	32.48 -0.29 0.00	31.37 -0.28 0.00	31.43 -0.25 0.00	34.53 -0.24 0.00	36.74 -0.18 0.00	40.31 -0.24 0.00	42.91 -0.30 0.00	44.08 -0.27 0.00	43.74 -0.31 0.00	48.24 -0.39 -0.32	51.11 -0.41 -0.36	51.93 -0.47 -0.22	52.27 -0.47 -0.56	57.07 -0.51 0.00	56.76 -0.63 0.00	60.23 -0.61 0.00	60.89 -0.62 0.00	61.51 -0.56 0.00	60.06 -0.67 0.00	54.92 -0.67 0.00	49.40 -0.50 0.00	42.85 -0.48 0.00
FITZPATRICK___ 23598	37.75 -1.25 0.00	35.36 -1.13 0.00	31.75 -1.02 0.00	30.67 -0.98 0.00	30.73 -0.95 0.00	33.73 -1.04 0.00	35.85 -1.07 0.00	39.30 -1.26 0.00	41.82 -1.38 0.00	42.92 -1.42 0.00	42.55 -1.50 0.00	46.88 -1.75 0.00	47.60 -1.84 1.76	48.20 -1.87 1.97	49.40 -1.94 1.19	51.80 -2.11 3.11	55.21 -2.18 0.00	58.66 -2.19 0.00	59.35 -2.15 0.00	59.96 -2.11 0.00	58.60 -2.13 0.00	53.58 -2.00 0.00	48.11 -1.79 0.00	41.77 -1.56 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.83 1.83 0.00	38.10 1.61 0.00	34.24 1.47 0.00	33.08 1.42 0.00	33.01 1.33 0.00	36.03 1.25 0.00	38.66 1.74 0.00	42.66 2.11 0.00	45.71 2.51 0.00	46.96 2.62 0.00	46.82 2.77 0.00	51.89 3.26 0.00	54.68 3.48 0.00	55.73 3.69 0.00	56.42 3.89 0.00	61.58 4.56 0.00	61.93 4.53 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.78 4.72 0.01	64.48 3.76 0.01	58.97 3.39 0.01	52.65 2.74 0.00	45.58 2.25 0.00
FORT ORANGE___ 23900	39.47 0.47 0.00	36.89 0.40 0.00	33.16 0.39 0.00	32.00 0.35 0.00	32.07 0.38 0.00	35.05 0.28 0.00	37.44 0.52 0.00	41.08 0.53 0.00	43.73 0.52 0.00	44.79 0.44 0.00	44.53 0.49 0.00	49.26 0.63 0.00	51.92 0.72 0.00	52.87 0.83 0.00	53.47 0.95 0.00	58.04 1.03 0.00	58.48 1.09 0.00	62.00 1.15 0.00	62.54 1.04 0.00	63.06 0.99 0.00	61.46 0.73 0.00	56.30 0.72 0.00	50.35 0.45 0.00	43.76 0.43 0.00
FORT_DRUM_COGEN 23780	39.66 0.66 0.00	37.15 0.66 0.00	33.43 0.66 0.00	32.38 0.73 0.00	32.22 0.54 0.00	35.71 0.94 0.00	37.96 1.03 0.00	41.89 1.34 0.00	44.68 1.47 0.00	45.41 1.06 0.00	45.06 1.01 0.00	49.65 1.02 0.00	52.07 0.61 -0.25	52.48 0.16 -0.28	53.07 0.37 -0.17	57.86 0.40 -0.45	57.57 0.17 0.00	61.39 0.55 0.00	62.30 0.80 0.00	63.50 1.43 0.00	62.36 1.64 0.00	57.19 1.61 0.00	51.60 1.70 0.00	44.75 1.43 0.00
FOX_HILLS___ESR 323835	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.92 1.15 0.00	38.62 1.70 0.00	42.74 2.19 0.00	45.89 2.68 0.00	47.22 2.88 0.00	47.39 3.35 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.15 5.65 0.00	67.65 5.59 0.01	65.33 4.61 0.01	59.58 4.00 0.01	53.45 3.54 0.00	46.18 2.86 0.00
FPL_FAR_ROCK_GT1 24212	41.68 2.69 0.00	38.64 2.15 0.00	34.77 2.00 0.00	33.46 1.80 0.00	33.39 1.71 0.00	36.34 1.57 0.00	39.06 2.14 0.00	43.35 2.80 0.00	46.58 3.37 0.00	48.07 3.73 0.00	48.01 3.97 0.00	52.95 4.28 -0.04	56.01 4.76 -0.04	57.49 5.41 -0.04	58.25 5.67 -0.04	89.77 6.84 -25.91	76.53 7.00 -12.13	95.60 7.67 -27.09	68.49 6.95 -0.04	96.35 7.26 -27.02	66.89 6.13 -0.04	75.49 5.50 -14.41	53.30 3.40 0.00	46.66 3.34 0.00
FPL_FAR_ROCK_GT2 23815	41.68 2.69 0.00	38.64 2.15 0.00	34.77 2.00 0.00	33.46 1.80 0.00	33.39 1.71 0.00	36.34 1.57 0.00	39.06 2.14 0.00	43.35 2.80 0.00	46.58 3.37 0.00	48.07 3.73 0.00	48.01 3.97 0.00	52.95 4.28 -0.04	56.01 4.76 -0.04	57.49 5.41 -0.04	58.25 5.67 -0.04	89.77 6.84 -25.91	76.53 7.00 -12.13	95.60 7.67 -27.09	68.49 6.95 -0.04	96.35 7.26 -27.02	66.89 6.13 -0.04	75.49 5.50 -14.41	53.30 3.40 0.00	46.66 3.34 0.00

FRANKLIN_FALL_HYD 24054	39.39 0.39 0.00	37.00 0.51 0.00	33.00 0.23 0.00	31.94 0.28 0.00	31.91 0.22 0.00	35.26 0.49 0.00	37.22 0.30 0.00	41.04 0.49 0.00	43.73 0.52 0.00	44.70 0.35 0.00	44.22 0.18 0.00	48.77 0.15 0.00	51.30 0.10 0.00	51.99 -0.05 0.00	52.42 -0.11 0.00	56.79 -0.23 0.00	57.28 -0.11 0.00	60.60 -0.24 0.00	61.56 0.06 0.00	62.14 0.06 0.00	60.97 0.24 0.00	55.92 0.33 0.00	50.40 0.50 0.00	44.02 0.69 0.00
FREEPORT_EQUS_GT1 23764	41.45 2.46 0.00	38.42 1.93 0.00	34.60 1.83 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.13 1.35 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.81 3.46 0.00	47.70 3.65 0.00	52.48 3.84 -0.01	55.51 4.30 -0.01	57.00 4.95 -0.01	57.79 5.25 -0.01	73.75 6.33 -10.40	68.69 6.43 -4.87	78.77 7.05 -10.87	67.85 6.34 -0.01	79.56 6.65 -10.84	66.31 5.58 -0.01	66.30 4.95 -5.78	52.85 2.94 0.00	46.36 3.03 0.00
FREEPORT___CT2 23818	41.45 2.46 0.00	38.42 1.93 0.00	34.60 1.83 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.13 1.35 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.81 3.46 0.00	47.70 3.65 0.00	52.48 3.84 -0.01	55.51 4.30 -0.01	57.00 4.95 -0.01	57.79 5.25 -0.01	73.75 6.33 -10.40	68.69 6.43 -4.87	78.77 7.05 -10.87	67.85 6.34 -0.01	79.56 6.65 -10.84	66.31 5.58 -0.01	66.30 4.95 -5.78	52.85 2.94 0.00	46.36 3.03 0.00
FRESHKLS_33_KV_LOAD 356253	41.26 2.26 0.00	38.42 1.93 0.00	34.47 1.70 0.00	33.21 1.55 0.00	33.20 1.52 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.52 3.48 0.00	52.76 4.13 0.00	55.60 4.40 0.00	56.62 4.58 0.00	57.41 4.89 0.00	62.72 5.70 0.00	63.13 5.74 0.00	67.23 6.39 0.00	67.40 5.90 0.00	67.97 5.90 0.01	65.58 4.86 0.01	59.80 4.22 0.01	53.65 3.74 0.00	46.36 3.03 0.00
FULTON COGEN____ 23766	38.10 -0.90 0.00	35.65 -0.84 0.00	32.05 -0.72 0.00	30.96 -0.70 0.00	30.99 -0.70 0.00	34.04 -0.73 0.00	36.26 -0.66 0.00	39.74 -0.81 0.00	42.30 -0.91 0.00	43.46 -0.89 0.00	43.29 -0.97 -0.21	48.65 -1.17 -1.19	51.82 -1.23 -1.84	52.78 -1.25 -1.99	53.13 -1.31 -1.92	58.25 -1.48 -2.72	57.92 -1.55 -2.08	61.27 -1.58 -2.01	61.74 -1.54 -1.78	62.28 -1.49 -1.70	60.78 -1.52 -1.57	55.91 -1.45 -1.77	49.93 -1.25 -1.28	42.88 -1.13 -0.68
FULTON___LFGE 323630	40.51 1.52 0.00	37.95 1.46 0.00	34.08 1.31 0.00	32.83 1.17 0.00	32.95 1.27 0.00	36.13 1.35 0.00	38.47 1.55 0.00	42.06 1.50 0.00	44.68 1.47 0.00	45.58 1.24 0.00	45.36 1.32 0.00	50.33 1.70 0.00	53.15 1.95 0.00	54.07 2.03 0.00	54.79 2.26 0.00	59.52 2.51 0.00	59.80 2.41 0.00	63.76 2.92 0.00	64.57 3.07 0.00	65.29 3.23 0.01	63.75 3.03 0.01	58.35 2.78 0.01	52.35 2.44 0.00	45.28 1.95 0.00
G.F.CEMENT___DRP 24184	41.10 2.11 0.00	38.50 2.01 0.00	34.54 1.77 0.00	33.24 1.58 0.00	33.40 1.71 0.00	36.51 1.74 0.00	39.14 2.22 0.00	42.91 2.35 0.00	45.80 2.59 0.00	46.78 2.44 0.00	46.33 2.29 0.00	51.55 2.92 0.00	54.17 2.97 0.00	55.01 2.97 0.00	55.73 3.20 0.00	60.32 3.31 0.00	60.72 3.33 0.00	64.43 3.59 0.00	65.50 4.00 0.00	65.98 3.91 0.00	64.85 4.13 0.00	59.42 3.84 0.00	53.10 3.19 0.00	45.92 2.60 0.00
GARDENVILLE___LBMP 24039	35.45 -3.55 0.00	33.46 -3.03 0.00	30.18 -2.59 0.00	29.06 -2.60 0.00	29.24 -2.44 0.00	32.20 -2.57 0.00	33.89 -3.03 0.00	36.64 -3.89 0.03	38.77 -4.41 0.03	40.13 -4.21 0.00	39.43 -4.18 0.43	41.63 -4.38 2.62	43.17 -4.61 3.42	44.30 -4.74 3.00	40.16 -4.89 7.48	45.68 -5.36 5.98	40.93 -5.68 10.78	46.23 -5.60 9.02	51.83 -5.78 3.89	53.01 -6.58 2.48	51.81 -6.62 2.29	46.72 -6.28 2.58	42.98 -5.29 1.63	38.03 -4.42 0.87
GARDNVLA_35_KV_LD 355827	35.56 -3.43 0.00	33.57 -2.92 0.00	30.28 -2.49 0.00	29.15 -2.50 0.00	29.34 -2.34 0.00	32.30 -2.47 0.00	34.04 -2.88 0.00	36.84 -3.69 0.02	38.99 -4.19 0.02	40.31 -4.04 0.00	39.63 -4.01 0.41	42.13 -4.04 2.46	43.74 -4.30 3.16	44.86 -4.37 2.81	41.34 -4.52 6.67	46.63 -4.96 5.42	43.04 -5.28 9.08	47.92 -5.23 7.69	52.31 -5.54 3.65	53.21 -6.39 2.47	52.00 -6.44 2.29	46.89 -6.11 2.57	43.08 -5.19 1.63	38.12 -4.33 0.87
GELCKHM___115KV_LOAD 80723	38.33 -0.66 0.00	35.91 -0.58 0.00	32.25 -0.52 0.00	31.15 -0.51 0.00	31.21 -0.48 0.00	34.25 -0.52 0.00	36.48 -0.44 0.00	39.99 -0.57 0.00	42.56 -0.65 0.00	43.77 -0.58 0.00	43.28 -0.66 0.11	47.25 -0.78 0.60	49.95 -0.82 0.43	50.76 -0.83 0.44	51.01 -0.89 0.62	55.57 -0.97 0.48	55.26 -1.09 1.04	58.80 -1.03 1.01	59.56 -1.05 0.89	60.23 -0.99 0.85	58.84 -1.09 0.79	53.64 -1.06 0.89	48.37 -0.90 0.64	42.20 -0.78 0.34
GENERAL___MILLS 23808	35.52 -3.47 0.00	33.53 -2.96 0.00	30.21 -2.56 0.00	29.09 -2.56 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	33.97 -2.95 0.00	36.76 -3.77 0.02	38.91 -4.28 0.02	40.22 -4.12 0.00	39.53 -4.10 0.41	42.00 -4.13 2.50	43.58 -4.40 3.22	44.71 -4.48 2.86	41.05 -4.62 6.85	46.39 -5.07 5.55	42.53 -5.39 9.47	47.49 -5.35 8.00	52.14 -5.66 3.71	53.08 -6.52 2.48	51.87 -6.56 2.29	46.78 -6.23 2.58	42.98 -5.29 1.63	38.03 -4.42 0.87
GE_PLASTICS___DRP 24183	39.39 0.39 0.00	36.78 0.29 0.00	33.10 0.33 0.00	31.94 0.28 0.00	32.00 0.32 0.00	34.98 0.21 0.00	37.36 0.44 0.00	41.04 0.49 0.00	43.73 0.52 0.00	44.83 0.49 0.00	44.62 0.57 0.00	49.31 0.68 0.00	51.97 0.77 0.00	52.87 0.83 0.00	53.47 0.95 0.00	58.04 1.03 0.00	58.43 1.03 0.00	61.88 1.03 0.00	62.42 0.92 0.00	62.94 0.87 0.00	61.33 0.61 0.00	56.19 0.61 0.00	50.30 0.40 0.00	43.67 0.35 0.00
GILBOA___1 23756	39.58 0.59 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.10 0.44 0.00	32.13 0.44 0.00	35.16 0.38 0.00	37.55 0.63 0.00	41.32 0.77 0.00	44.12 0.91 0.00	45.28 0.93 0.00	45.06 1.01 0.00	49.84 1.22 0.00	52.53 1.33 0.00	53.45 1.41 0.00	54.00 1.47 0.00	58.67 1.65 0.00	58.94 1.55 0.00	62.49 1.64 0.00	63.04 1.54 0.00	63.55 1.49 0.01	61.81 1.09 0.01	56.68 1.11 0.01	50.75 0.85 0.00	44.01 0.69 0.00
GILBOA___2 23757	39.58 0.59 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.10 0.44 0.00	32.13 0.44 0.00	35.16 0.38 0.00	37.55 0.63 0.00	41.32 0.77 0.00	44.12 0.91 0.00	45.28 0.93 0.00	45.06 1.01 0.00	49.84 1.22 0.00	52.53 1.33 0.00	53.45 1.41 0.00	54.00 1.47 0.00	58.67 1.65 0.00	58.94 1.55 0.00	62.49 1.64 0.00	63.04 1.54 0.00	63.55 1.49 0.01	61.81 1.09 0.01	56.68 1.11 0.01	50.75 0.85 0.00	44.01 0.69 0.00
GILBOA___3 23758	39.58 0.59 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.10 0.44 0.00	32.13 0.44 0.00	35.16 0.38 0.00	37.55 0.63 0.00	41.32 0.77 0.00	44.12 0.91 0.00	45.28 0.93 0.00	45.06 1.01 0.00	49.84 1.22 0.00	52.53 1.33 0.00	53.45 1.41 0.00	54.00 1.47 0.00	58.67 1.65 0.00	58.94 1.55 0.00	62.49 1.64 0.00	63.04 1.54 0.00	63.55 1.49 0.01	61.81 1.09 0.01	56.68 1.11 0.01	50.75 0.85 0.00	44.01 0.69 0.00

GILBOA___4 23759	39.58 0.59 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.10 0.44 0.00	32.13 0.44 0.00	35.16 0.38 0.00	37.55 0.63 0.00	41.32 0.77 0.00	44.12 0.91 0.00	45.28 0.93 0.00	45.06 1.01 0.00	49.84 1.22 0.00	52.53 1.33 0.00	53.45 1.41 0.00	54.00 1.47 0.00	58.67 1.65 0.00	58.94 1.55 0.00	62.49 1.64 0.00	63.04 1.54 0.00	63.55 1.49 0.01	61.81 1.09 0.01	56.68 1.11 0.01	50.75 0.85 0.00	44.01 0.69 0.00
GILBOA____ 23599	39.58 0.58 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.13 0.47 0.00	32.13 0.44 0.00	35.16 0.38 0.00	37.55 0.63 0.00	41.33 0.77 0.00	44.12 0.91 0.00	45.28 0.93 0.00	45.06 1.01 0.00	49.84 1.22 0.00	52.53 1.33 0.00	53.44 1.41 0.00	54.00 1.47 0.00	58.67 1.65 0.00	58.94 1.55 0.00	62.55 1.70 0.00	63.04 1.54 0.00	63.55 1.49 0.01	61.93 1.21 0.01	56.68 1.11 0.01	50.75 0.85 0.00	44.02 0.69 0.00
GINNA____ 23603	35.52 -3.47 0.00	33.35 -3.14 0.00	29.98 -2.79 0.00	28.96 -2.69 0.00	29.12 -2.57 0.00	31.99 -2.78 0.00	33.97 -2.96 0.00	37.19 -3.37 0.00	39.49 -3.72 0.00	40.97 -3.37 0.00	40.71 -3.04 0.30	42.81 -4.13 1.68	44.85 -4.56 1.79	45.45 -4.68 1.91	45.42 -4.94 2.17	49.25 -5.36 2.41	48.68 -5.74 2.98	52.14 -5.84 2.87	53.40 -5.60 2.51	54.56 -5.15 2.37	53.37 -5.16 2.19	48.12 -5.00 2.46	43.86 -4.24 1.80	38.72 -3.64 0.96
GLEN PARK____ 23778	39.73 0.74 0.00	37.29 0.80 0.00	33.52 0.75 0.00	32.45 0.79 0.00	32.28 0.60 0.00	35.82 1.04 0.00	38.07 1.15 0.00	42.01 1.46 0.00	44.76 1.55 0.00	45.50 1.15 0.00	45.15 1.10 0.00	49.75 1.12 0.00	52.13 0.66 -0.26	52.54 0.21 -0.30	53.08 0.37 -0.18	57.94 0.45 -0.47	57.62 0.23 0.00	61.51 0.67 0.00	62.42 0.92 0.00	63.68 1.61 0.00	62.54 1.82 0.00	57.36 1.78 0.00	51.75 1.85 0.00	44.88 1.56 0.00
GLENDALE_27_KV_LOAD 356172	41.14 2.14 0.00	38.35 1.86 0.00	34.44 1.67 0.00	33.24 1.58 0.00	33.24 1.55 0.00	36.13 1.36 0.00	38.88 1.96 0.00	43.03 2.47 0.00	46.23 3.02 0.00	47.58 3.24 0.00	47.70 3.66 0.00	52.86 4.23 0.00	55.71 4.51 0.00	56.67 4.63 0.00	57.36 4.83 0.00	62.72 5.70 0.00	63.08 5.68 0.00	67.17 6.33 0.00	67.28 5.78 0.00	67.90 5.83 0.01	65.39 4.68 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.18 2.86 0.00
GLENWOOD_IC_1_G5 23712	41.14 2.14 0.00	38.32 1.82 0.00	34.41 1.64 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.54 3.19 0.00	47.52 3.48 0.00	52.43 3.79 -0.01	55.41 4.20 -0.01	56.68 4.63 -0.01	57.42 4.89 -0.01	70.40 5.53 -7.86	66.64 5.57 -3.68	75.20 6.15 -8.22	66.98 5.47 -0.01	75.97 5.71 -8.19	65.34 4.62 0.00	64.39 4.45 -4.36	52.90 2.99 0.00	46.10 2.77 0.00
GLENWOOD_IC_2_G1 23688	40.91 1.91 0.00	38.09 1.60 0.00	34.25 1.48 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.96 1.18 0.00	38.62 1.70 0.00	42.74 2.19 0.00	45.89 2.68 0.00	47.27 2.93 0.00	47.26 3.21 0.00	52.23 3.60 0.00	55.09 3.89 0.00	56.31 4.27 0.00	56.99 4.46 0.00	66.37 5.30 -4.05	64.62 5.34 -1.89	70.92 5.84 -4.23	66.79 5.29 0.00	71.68 5.40 -4.21	65.21 4.49 0.01	61.77 3.95 -2.24	52.75 2.84 0.00	45.84 2.51 0.00
GLENWOOD_IC_3_G1 23689	40.91 1.91 0.00	38.09 1.60 0.00	34.25 1.48 0.00	33.02 1.36 0.00	32.98 1.30 0.00	35.96 1.18 0.00	38.62 1.70 0.00	42.74 2.19 0.00	45.89 2.68 0.00	47.27 2.93 0.00	47.26 3.21 0.00	52.23 3.60 0.00	55.09 3.89 0.00	56.31 4.27 0.00	56.99 4.46 0.00	66.37 5.30 -4.05	64.62 5.34 -1.89	70.92 5.84 -4.23	66.79 5.29 0.00	71.68 5.40 -4.21	65.21 4.49 0.01	61.77 3.95 -2.24	52.75 2.84 0.00	45.84 2.51 0.00
GLENWOOD___4 23550	41.14 2.14 0.00	38.32 1.82 0.00	34.41 1.64 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.54 3.19 0.00	47.52 3.48 0.00	52.43 3.79 -0.01	55.41 4.20 -0.01	56.68 4.63 -0.01	57.42 4.89 -0.01	70.58 5.70 -7.86	66.75 5.68 -3.68	75.33 6.27 -8.22	67.10 5.60 -0.01	76.10 5.83 -8.19	65.40 4.68 0.00	64.39 4.45 -4.36	52.90 2.99 0.00	46.10 2.77 0.00
GLENWOOD___5 23614	41.14 2.14 0.00	38.32 1.82 0.00	34.41 1.64 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.54 3.19 0.00	47.52 3.48 0.00	52.43 3.79 -0.01	55.41 4.20 -0.01	56.68 4.63 -0.01	57.42 4.89 -0.01	70.58 5.70 -7.86	66.75 5.68 -3.68	75.33 6.27 -8.22	67.10 5.60 -0.01	76.10 5.83 -8.19	65.40 4.68 0.00	64.39 4.45 -4.36	52.90 2.99 0.00	46.10 2.77 0.00
GLOBAL GREEN_PORT_GT1 23814	41.80 2.81 0.00	38.97 2.48 0.00	35.29 2.52 0.00	34.00 2.34 0.00	33.97 2.28 0.00	36.86 2.09 0.00	39.69 2.77 0.00	44.04 3.49 0.00	47.49 4.28 0.00	49.09 4.75 0.00	48.85 4.80 0.00	53.59 4.96 0.00	56.52 5.32 0.00	58.12 6.09 0.00	58.98 6.46 0.00	66.19 7.58 -1.59	65.54 7.41 -0.74	70.11 7.60 -1.66	67.83 6.34 0.00	70.49 6.77 -1.65	65.99 5.28 0.01	61.29 4.83 -0.87	52.25 2.35 0.00	46.10 2.78 0.00
GLOBE___DSASP 323697	34.16 -4.84 0.00	32.29 -4.20 0.00	29.13 -3.64 0.00	28.08 -3.58 0.00	28.26 -3.42 0.00	31.09 -3.69 0.00	32.75 -4.17 0.00	35.27 -5.27 0.02	37.31 -5.88 0.02	38.71 -5.63 0.00	38.45 -5.20 0.40	39.60 -6.66 2.37	41.91 -6.35 2.94	42.05 -7.29 2.70	39.25 -7.41 5.87	44.01 -8.10 4.91	39.29 -8.49 9.61	44.22 -8.58 8.05	50.49 -7.50 3.51	50.80 -8.63 2.65	49.77 -8.50 2.45	44.71 -8.12 2.76	41.68 -6.49 1.73	37.02 -5.37 0.93
GOETHSLN___LBMP 323567	40.75 1.75 0.00	38.06 1.57 0.00	34.18 1.41 0.00	32.98 1.33 0.00	32.98 1.30 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.27 2.93 0.00	47.35 3.30 0.00	52.42 3.79 0.00	55.25 4.04 0.00	56.25 4.22 0.00	56.99 4.46 0.00	62.26 5.25 0.00	62.62 5.22 0.00	66.68 5.84 0.00	66.85 5.35 0.00	67.47 5.40 0.01	65.03 4.31 0.01	59.35 3.78 0.01	53.00 3.09 0.00	45.79 2.47 0.00
GOLAH___69_KV_TB 1_2 80279	36.73 -2.26 0.00	34.48 -2.01 0.00	31.03 -1.74 0.00	29.95 -1.71 0.00	30.13 -1.55 0.00	33.17 -1.60 0.00	35.15 -1.77 0.00	38.24 -2.31 0.00	40.48 -2.72 0.00	41.99 -2.35 0.00	41.70 -2.03 0.32	43.74 -3.06 1.83	45.79 -3.38 2.03	46.48 -3.49 2.08	45.93 -3.73 2.87	49.96 -4.16 2.89	48.85 -4.42 4.12	52.69 -4.38 3.77	54.72 -4.06 2.72	56.06 -3.60 2.42	54.91 -3.58 2.24	49.46 -3.61 2.51	45.35 -2.74 1.81	40.10 -2.25 0.97
GOODYEAR_LAKE_HYD 323669	39.81 0.82 0.00	37.22 0.73 0.00	33.49 0.72 0.00	32.32 0.66 0.00	32.32 0.63 0.00	35.50 0.73 0.00	37.88 0.96 0.00	41.77 1.22 0.00	44.55 1.34 0.00	45.67 1.33 0.00	45.45 1.41 0.00	50.33 1.70 0.00	52.89 1.69 0.00	53.76 1.72 0.00	54.42 1.89 -0.01	59.19 2.17 0.00	59.38 1.95 -0.03	63.12 2.25 -0.02	63.65 2.15 0.00	64.23 2.17 0.02	62.53 1.82 0.02	57.23 1.67 0.02	51.35 1.45 0.00	44.49 1.17 0.00

GOUDEY___7 345031	38.45 -0.55 0.00	36.05 -0.44 0.00	32.41 -0.36 0.00	31.31 -0.35 0.00	31.37 -0.32 0.00	34.46 -0.31 0.00	36.63 -0.30 0.00	40.72 0.16 0.00	43.34 0.13 0.00	44.52 0.18 0.00	44.13 0.13 0.05	48.71 0.34 0.26	51.54 0.41 0.07	52.31 0.42 0.15	53.23 0.42 -0.28	57.67 0.51 -0.14	58.36 0.40 -0.56	61.77 0.61 -0.31	61.60 0.49 0.39	61.84 0.37 0.61	60.28 0.12 0.56	55.00 0.06 0.63	49.53 0.05 0.42	43.14 0.04 0.22
GOUDEY___7 23579	38.45 -0.55 0.00	36.05 -0.44 0.00	32.41 -0.36 0.00	31.31 -0.35 0.00	31.37 -0.32 0.00	34.46 -0.31 0.00	36.63 -0.30 0.00	40.72 0.16 0.00	43.34 0.13 0.00	44.52 0.18 0.00	44.13 0.13 0.05	48.71 0.34 0.26	51.54 0.41 0.07	52.31 0.42 0.15	53.23 0.42 -0.28	57.67 0.51 -0.14	58.36 0.40 -0.56	61.77 0.61 -0.31	61.60 0.49 0.39	61.84 0.37 0.61	60.28 0.12 0.56	55.00 0.06 0.63	49.53 0.05 0.42	43.14 0.04 0.22
GOUDEY___8 23580	38.45 -0.55 0.00	36.05 -0.44 0.00	32.41 -0.36 0.00	31.31 -0.35 0.00	31.37 -0.32 0.00	34.46 -0.31 0.00	36.63 -0.30 0.00	40.72 0.16 0.00	43.34 0.13 0.00	44.52 0.18 0.00	44.13 0.13 0.05	48.71 0.34 0.26	51.54 0.41 0.07	52.31 0.42 0.15	53.23 0.42 -0.28	57.67 0.51 -0.14	58.36 0.40 -0.56	61.77 0.61 -0.31	61.60 0.49 0.39	61.84 0.37 0.61	60.28 0.12 0.56	55.00 0.06 0.63	49.53 0.05 0.42	43.14 0.04 0.22
GOWANUS_GT1_1 24077	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT1_2 24078	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT1_3 24079	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT1_4 24080	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT1_5 24084	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT1_6 24111	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT1_7 24112	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT1_8 24113	41.06 2.07 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
GOWANUS_GT2_1 24114	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00
GOWANUS_GT2_2 24115	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00
GOWANUS_GT2_3 24116	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00
GOWANUS_GT2_4 24117	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00

GOWANUS_GT2_5 24118	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00
GOWANUS_GT2_6 24119	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00
GOWANUS_GT2_7 24120	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00
GOWANUS_GT2_8 24121	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.45 3.54 0.00	46.14 2.81 0.00
GOWANUS_GT3_1 24122	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT3_2 24123	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT3_3 24124	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT3_4 24125	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT3_5 24126	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT3_6 24127	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT3_7 24128	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT3_8 24129	41.06 2.07 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.52 4.48 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.52 3.95 0.01	53.40 3.49 0.00	46.14 2.81 0.00
GOWANUS_GT4_1 24130	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00
GOWANUS_GT4_2 24131	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00
GOWANUS_GT4_3 24132	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00

GOWANUS_GT4_4 24133	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00
GOWANUS_GT4_5 24134	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00
GOWANUS_GT4_6 24135	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00
GOWANUS_GT4_7 24136	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00
GOWANUS_GT4_8 24137	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.96 1.18 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.66 4.04 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.60 5.59 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.14 2.82 0.00
GREENBSH_115KV_TB3 55895	39.27 0.27 0.00	36.67 0.18 0.00	33.00 0.23 0.00	31.84 0.19 0.00	31.91 0.22 0.00	34.88 0.10 0.00	37.29 0.37 0.00	40.92 0.37 0.00	43.60 0.39 0.00	44.65 0.31 0.00	44.48 0.44 0.00	49.11 0.49 0.00	51.82 0.61 0.00	52.72 0.68 0.00	53.32 0.79 0.00	57.87 0.86 0.00	58.31 0.92 0.00	61.69 0.85 0.00	62.24 0.74 0.00	62.69 0.62 0.00	61.15 0.43 0.00	56.03 0.44 0.00	50.10 0.20 0.00	43.54 0.22 0.00
GREENDGE_115KV_TB5 80291	38.10 -0.90 0.00	35.76 -0.73 0.00	32.15 -0.62 0.00	31.05 -0.60 0.00	31.15 -0.54 0.00	34.29 -0.49 0.00	36.44 -0.48 0.00	39.90 -0.69 -0.03	42.29 -0.95 -0.03	43.41 -0.93 0.00	43.07 -1.01 -0.04	47.97 -1.12 -0.46	51.24 -1.33 -1.37	51.16 -1.56 -0.68	56.61 -1.79 -5.86	58.23 -2.45 -3.66	65.10 -2.58 -10.29	66.34 -2.31 -7.81	60.56 -1.60 -0.66	59.22 -1.55 1.30	57.82 -1.70 1.20	52.56 -1.67 1.35	48.03 -0.95 0.93	42.00 -0.82 0.50
GREENIDGE___3 23582	38.10 -0.90 0.00	35.76 -0.73 0.00	32.15 -0.62 0.00	31.05 -0.60 0.00	31.15 -0.54 0.00	34.29 -0.49 0.00	36.44 -0.48 0.00	39.90 -0.69 -0.03	42.29 -0.95 -0.03	43.41 -0.93 0.00	43.07 -1.01 -0.04	47.97 -1.12 -0.46	51.24 -1.33 -1.37	51.16 -1.56 -0.68	56.61 -1.79 -5.86	58.23 -2.45 -3.66	65.10 -2.58 -10.29	66.34 -2.31 -7.81	60.56 -1.60 -0.66	59.22 -1.55 1.30	57.82 -1.70 1.20	52.56 -1.67 1.35	48.03 -0.95 0.93	42.00 -0.82 0.50
GREENIDGE___4 23583	38.14 -0.86 0.00	35.76 -0.73 0.00	32.15 -0.62 0.00	31.05 -0.60 0.00	31.15 -0.54 0.00	34.29 -0.49 0.00	36.44 -0.48 0.00	39.90 -0.69 -0.03	42.29 -0.95 -0.03	43.41 -0.93 0.00	43.12 -0.97 -0.04	47.97 -1.12 -0.46	51.24 -1.33 -1.37	51.37 -1.35 -0.68	56.66 -1.73 -5.86	58.57 -2.11 -3.66	65.10 -2.58 -10.29	66.34 -2.31 -7.81	60.56 -1.60 -0.66	59.28 -1.49 1.30	57.88 -1.64 1.20	52.67 -1.56 1.35	48.03 -0.95 0.93	42.00 -0.82 0.50
GREENLWN_69_KV_BK 3 55738	41.26 2.26 0.00	38.35 1.86 0.00	34.44 1.67 0.00	33.11 1.46 0.00	33.05 1.36 0.00	35.96 1.18 0.00	38.62 1.70 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.54 3.19 0.00	47.39 3.35 0.00	51.79 3.16 0.00	54.78 3.58 0.00	56.30 4.27 0.00	57.09 4.57 0.00	64.72 5.82 -1.89	64.01 5.74 -0.88	69.14 6.33 -1.97	66.97 5.47 0.00	69.93 5.90 -1.96	65.08 4.37 0.01	60.90 4.28 -1.04	52.10 2.20 0.00	46.05 2.73 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.83 2.27 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.08 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.66 5.64 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.28 5.78 0.00	67.84 5.77 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.18 2.86 0.00
GRISSOM___SOLAR 323813	40.48 1.48 0.00	37.88 1.39 0.00	34.01 1.24 0.00	32.79 1.14 0.00	32.89 1.20 0.00	36.06 1.29 0.00	38.40 1.48 0.00	41.94 1.38 0.00	44.55 1.34 0.00	45.45 1.11 0.00	45.23 1.19 0.00	50.18 1.56 0.00	52.99 1.79 0.00	53.91 1.87 0.00	54.63 2.10 0.00	59.36 2.34 0.00	59.69 2.30 0.00	63.58 2.74 0.00	64.39 2.89 0.00	65.17 3.10 0.01	63.63 2.91 0.01	58.24 2.67 0.01	52.20 2.30 0.00	45.14 1.82 0.00
GROVEVILLE___HYD 323602	40.83 1.83 0.00	38.10 1.61 0.00	34.24 1.47 0.00	33.08 1.42 0.00	33.01 1.33 0.00	36.03 1.25 0.00	38.66 1.74 0.00	42.66 2.11 0.00	45.71 2.51 0.00	46.96 2.62 0.00	46.82 2.77 0.00	51.89 3.26 0.00	54.68 3.48 0.00	55.73 3.69 0.00	56.42 3.89 0.00	61.58 4.56 0.00	61.93 4.53 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.78 4.72 0.01	64.48 3.76 0.01	58.97 3.39 0.01	52.65 2.74 0.00	45.58 2.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.61 -0.39 0.00	36.16 -0.33 0.00	32.48 -0.29 0.00	31.37 -0.28 0.00	31.43 -0.25 0.00	34.53 -0.24 0.00	36.74 -0.18 0.00	40.31 -0.24 0.00	42.91 -0.30 0.00	44.08 -0.27 0.00	43.74 -0.31 0.00	48.24 -0.39 0.00	51.11 -0.41 -0.32	51.93 -0.47 -0.36	52.27 -0.47 -0.22	57.07 -0.51 -0.56	56.76 -0.63 0.00	60.23 -0.61 0.00	60.89 -0.62 0.00	61.51 -0.56 0.00	60.06 -0.67 0.00	54.92 -0.67 0.00	49.40 -0.50 0.00	42.85 -0.48 0.00
HAMLTNNY_34_KV_TB 80303	38.57 -0.43 0.00	36.13 -0.36 0.00	32.48 -0.29 0.00	31.34 -0.32 0.00	31.40 -0.29 0.00	34.50 -0.28 0.00	36.74 -0.18 0.00	40.27 -0.28 0.00	42.82 -0.39 0.00	44.03 -0.31 0.00	43.69 -0.35 0.00	48.19 -0.44 0.00	51.06 -0.46 -0.32	51.88 -0.52 -0.36	52.11 -0.63 -0.21	56.90 -0.68 -0.56	56.59 -0.80 0.00	60.11 -0.73 0.00	60.82 -0.68 0.00	61.45 -0.62 0.00	60.00 -0.73 0.00	54.86 -0.72 0.00	49.35 -0.55 0.00	42.85 -0.48 0.00

HAMPSHIRE___PAPER_HYD 323593	38.96 -0.04 0.00	36.56 0.07 0.00	32.74 -0.03 0.00	31.69 0.03 0.00	31.62 -0.06 0.00	34.95 0.17 0.00	37.07 0.15 0.00	40.92 0.36 0.00	43.60 0.39 0.00	44.43 0.09 0.00	44.04 0.00 0.00	48.53 -0.10 0.00	50.97 -0.36 -0.13	51.40 -0.78 -0.14	51.88 -0.74 -0.09	56.44 -0.80 -0.22	56.47 -0.92 0.00	60.12 -0.73 0.00	60.95 -0.55 0.00	61.95 -0.12 0.00	60.78 0.06 0.00	55.81 0.22 0.00	50.35 0.45 0.00	43.89 0.56 0.00
HARDSCRABBLE_WT_PWR 323673	39.50 0.51 0.00	36.96 0.47 0.00	33.23 0.46 0.00	32.10 0.44 0.00	32.10 0.41 0.00	35.22 0.45 0.00	37.48 0.55 0.00	41.12 0.57 0.00	43.77 0.56 0.00	44.83 0.49 0.00	44.53 0.49 0.00	49.21 0.59 0.00	51.71 0.51 0.00	52.45 0.41 0.00	52.95 0.42 0.00	57.47 0.45 0.00	57.74 0.35 0.00	61.21 0.37 0.00	61.87 0.37 0.00	62.45 0.37 0.00	60.97 0.24 0.00	55.75 0.17 0.00	50.15 0.25 0.00	43.54 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.59 1.60 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.82 1.14 0.00	35.82 1.04 0.00	38.44 1.51 0.00	42.42 1.87 0.00	45.46 2.25 0.00	46.74 2.39 0.00	46.64 2.60 0.00	51.64 3.01 0.00	54.43 3.23 0.00	55.53 3.49 0.00	56.20 3.68 0.00	61.35 4.33 0.00	61.76 4.36 0.00	65.77 4.93 0.00	65.99 4.49 0.00	66.60 4.53 0.01	64.30 3.58 0.01	58.74 3.17 0.01	52.45 2.55 0.00	45.40 2.08 0.00
HARSNRAD_115KV_TB1 81005	34.98 -4.02 0.00	33.10 -3.39 0.00	29.85 -2.92 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.96 -2.82 0.00	33.52 -3.40 0.00	36.24 -4.30 0.02	38.31 -4.88 0.02	39.73 -4.61 0.00	39.38 -4.27 0.39	40.95 -5.35 2.33	42.56 -5.73 2.91	43.49 -5.88 2.67	40.77 -5.99 5.76	45.57 -6.61 4.84	41.41 -7.06 8.92	46.26 -7.06 7.53	51.09 -6.95 3.46	52.44 -7.08 2.55	51.38 -6.98 2.36	46.20 -6.73 2.66	42.74 -5.44 1.72	37.85 -4.55 0.92
HARZA MOOSE___RIVER 24016	39.46 0.47 0.00	36.96 0.47 0.00	33.23 0.46 0.00	32.13 0.47 0.00	32.06 0.38 0.00	35.36 0.59 0.00	37.62 0.70 0.00	41.57 1.01 0.00	44.33 1.12 0.00	45.19 0.84 0.00	44.84 0.79 0.00	49.50 0.88 0.00	51.93 0.61 -0.11	52.58 0.42 -0.13	53.18 0.58 -0.08	57.90 0.68 -0.20	57.91 0.52 0.00	61.69 0.85 0.00	62.42 0.92 0.00	63.38 1.30 0.00	62.06 1.34 0.00	56.86 1.28 0.00	51.20 1.30 0.00	44.41 1.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.33 -0.66 0.00	35.87 -0.62 0.00	32.25 -0.52 0.00	31.15 -0.51 0.00	31.18 -0.51 0.00	34.25 -0.52 0.00	36.48 -0.44 0.00	40.03 -0.53 0.00	42.56 -0.65 0.00	43.77 -0.58 0.00	43.30 -0.62 0.13	47.19 -0.73 0.71	49.85 -0.77 0.58	50.65 -0.78 0.61	50.89 -0.84 0.80	55.40 -0.91 0.71	55.12 -1.03 1.24	58.67 -0.97 1.20	59.45 -0.98 1.06	60.06 -0.99 1.02	58.69 -1.09 0.94	53.47 -1.06 1.06	48.24 -0.90 0.76	42.14 -0.78 0.41
HELLGATE_13_KV_LD 55870	41.10 2.11 0.00	38.35 1.86 0.00	34.44 1.67 0.00	33.27 1.61 0.00	33.24 1.55 0.00	36.13 1.36 0.00	38.88 1.96 0.00	43.03 2.47 0.00	46.19 2.98 0.00	47.54 3.19 0.00	47.66 3.61 0.00	52.86 4.23 0.00	55.71 4.51 0.00	56.62 4.58 0.00	57.31 4.78 0.00	62.66 5.64 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.10 2.11 0.00	38.35 1.86 0.00	34.44 1.67 0.00	33.27 1.61 0.00	33.24 1.55 0.00	36.13 1.36 0.00	38.88 1.96 0.00	43.03 2.47 0.00	46.19 2.98 0.00	47.54 3.19 0.00	47.66 3.61 0.00	52.86 4.23 0.00	55.71 4.51 0.00	56.62 4.58 0.00	57.31 4.78 0.00	62.66 5.64 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.22 5.72 0.00	67.78 5.71 0.01	65.33 4.62 0.01	59.63 4.06 0.01	53.40 3.49 0.00	46.14 2.82 0.00
HEMPSTEAD____ 23647	41.10 2.10 0.00	38.13 1.64 0.00	34.34 1.57 0.00	33.05 1.39 0.00	32.98 1.30 0.00	35.92 1.15 0.00	38.62 1.70 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.49 3.15 0.00	47.35 3.30 0.00	52.18 3.55 -0.01	55.15 3.94 -0.01	56.57 4.53 -0.01	57.32 4.78 -0.01	70.93 5.76 -8.16	67.01 5.79 -3.82	75.70 6.33 -8.53	67.16 5.65 -0.01	76.54 5.96 -8.50	65.71 4.98 0.00	64.50 4.39 -4.53	52.55 2.64 0.00	45.97 2.64 0.00
HICKLING___1 23621	38.29 -0.70 0.00	35.94 -0.55 0.00	32.38 -0.39 0.00	31.24 -0.41 0.00	31.34 -0.35 0.00	34.46 -0.31 0.00	36.63 -0.30 0.00	40.12 -0.45 -0.01	42.61 -0.60 -0.01	43.86 -0.49 0.00	43.32 -0.66 0.07	47.99 -0.34 0.29	50.99 -0.26 -0.05	51.47 -0.36 0.21	53.59 -0.37 -1.43	57.15 -0.57 -0.70	59.47 -0.69 -2.77	62.35 -0.43 -1.94	60.50 -0.55 0.45	60.07 -0.87 1.14	58.58 -1.09 1.05	53.29 -1.11 1.18	48.22 -0.90 0.78	42.21 -0.69 0.42
HICKLING___2 23622	38.29 -0.70 0.00	35.94 -0.55 0.00	32.38 -0.39 0.00	31.24 -0.41 0.00	31.34 -0.35 0.00	34.46 -0.31 0.00	36.63 -0.30 0.00	40.12 -0.45 -0.01	42.61 -0.60 -0.01	43.86 -0.49 0.00	43.32 -0.66 0.07	47.99 -0.34 0.29	50.99 -0.26 -0.05	51.47 -0.36 0.21	53.59 -0.37 -1.43	57.15 -0.57 -0.70	59.47 -0.69 -2.77	62.35 -0.43 -1.94	60.50 -0.55 0.45	60.07 -0.87 1.14	58.58 -1.09 1.05	53.29 -1.11 1.18	48.22 -0.90 0.78	42.21 -0.69 0.42
HIGH FALLS___HY 23754	40.91 1.91 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.14 1.49 0.00	33.05 1.36 0.00	36.06 1.29 0.00	38.69 1.77 0.00	42.75 2.19 0.00	45.80 2.59 0.00	47.00 2.66 0.00	46.86 2.82 0.00	51.89 3.26 0.00	54.63 3.43 0.00	55.73 3.69 0.00	56.47 3.94 0.00	61.69 4.68 0.00	62.10 4.71 0.00	66.32 5.48 0.00	66.48 4.98 0.00	67.22 5.15 0.01	64.78 4.07 0.01	59.19 3.61 0.01	52.85 2.94 0.00	45.75 2.43 0.00
HIGH_RIVER___SOLAR 323847	40.09 1.09 0.00	37.48 0.99 0.00	33.69 0.92 0.00	32.48 0.82 0.00	32.57 0.89 0.00	35.64 0.87 0.00	37.99 1.07 0.00	41.61 1.05 0.00	44.24 1.04 0.00	45.32 0.97 0.00	45.06 1.01 0.00	49.89 1.26 0.00	52.58 1.38 0.00	53.55 1.51 0.00	54.16 1.63 0.00	58.79 1.77 0.00	59.17 1.78 0.00	62.91 2.07 0.00	63.71 2.21 0.00	64.30 2.23 0.00	62.79 2.07 0.00	57.47 1.89 0.00	51.50 1.60 0.00	44.62 1.30 0.00
HILLBURN___GT 23639	40.56 1.56 0.00	37.84 1.35 0.00	34.01 1.24 0.00	32.86 1.20 0.00	32.82 1.14 0.00	35.82 1.04 0.00	38.44 1.51 0.00	42.46 1.91 0.00	45.54 2.33 0.00	46.83 2.48 0.00	46.78 2.73 0.00	51.84 3.21 0.00	54.63 3.43 0.00	55.68 3.64 0.00	56.41 3.89 0.00	61.52 4.50 0.00	61.99 4.59 0.00	65.89 5.05 0.00	66.17 4.67 0.00	66.72 4.66 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.00	45.45 2.12 0.00
HILLSIDE_115KV_TB1 80332	37.98 -1.01 0.00	35.65 -0.84 0.00	32.08 -0.69 0.00	30.99 -0.66 0.00	31.05 -0.63 0.00	34.15 -0.63 0.00	36.26 -0.66 0.00	39.72 -0.85 -0.01	42.18 -1.04 -0.01	43.32 -1.02 0.00	42.80 -1.19 0.05	47.59 -0.83 0.21	50.54 -0.82 -0.16	51.06 -0.88 0.09	53.22 -0.89 -1.59	56.91 -0.97 -0.87	59.32 -1.03 -2.96	62.16 -0.79 -2.11	60.20 -0.98 0.32	59.75 -1.30 1.02	58.26 -1.52 0.94	53.02 -1.50 1.06	47.91 -1.30 0.70	41.87 -1.08 0.38

HISHELDN_WT_PWR 323625	35.95 -3.04 0.00	33.90 -2.59 0.00	30.54 -2.23 0.00	29.44 -2.22 0.00	29.59 -2.09 0.00	32.55 -2.23 0.00	34.34 -2.59 0.00	37.14 -3.37 0.05	39.31 -3.85 0.05	40.66 -3.68 0.00	39.82 -3.66 0.57	41.02 -4.04 3.57	41.88 -4.25 5.07	43.61 -4.32 4.11	35.03 -4.47 13.03	42.55 -4.79 9.68	31.47 -5.17 20.76	38.95 -5.11 16.79	51.18 -5.04 5.28	54.37 -5.46 2.24	53.19 -5.47 2.07	47.97 -5.28 2.33	43.98 -4.44 1.48	38.80 -3.73 0.79
HOLTSVILLE_IC_1 23690	41.33 2.34 0.00	38.31 1.82 0.00	34.60 1.83 0.00	33.24 1.58 0.00	33.17 1.49 0.00	36.02 1.25 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.54 3.19 0.00	47.30 3.26 0.00	51.78 3.16 0.00	54.78 3.58 0.00	56.35 4.32 0.00	57.15 4.62 0.00	64.17 5.59 -1.56	63.80 5.68 -0.73	68.62 6.14 -1.63	66.91 5.41 0.00	69.47 5.77 -1.62	65.32 4.61 0.01	60.72 4.28 -0.86	52.10 2.19 0.00	46.01 2.69 0.00
HOLTSVILLE_IC_10 23699	41.53 2.53 0.00	38.50 2.01 0.00	34.74 1.97 0.00	33.36 1.71 0.00	33.30 1.62 0.00	36.17 1.39 0.00	38.84 1.92 0.00	43.07 2.52 0.00	46.23 3.02 0.00	47.76 3.41 0.00	47.52 3.48 0.00	52.08 3.45 0.00	55.09 3.89 0.00	56.66 4.63 0.00	57.46 4.94 0.00	64.68 5.99 -1.68	64.26 6.08 -0.78	69.18 6.57 -1.76	67.34 5.85 0.00	70.03 6.21 -1.75	65.69 4.98 0.01	61.18 4.67 -0.92	52.40 2.49 0.00	46.27 2.95 0.00
HOLTSVILLE_IC_2 23691	41.33 2.34 0.00	38.31 1.82 0.00	34.60 1.83 0.00	33.24 1.58 0.00	33.17 1.49 0.00	36.02 1.25 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.54 3.19 0.00	47.30 3.26 0.00	51.78 3.16 0.00	54.78 3.58 0.00	56.35 4.32 0.00	57.15 4.62 0.00	64.17 5.59 -1.56	63.80 5.68 -0.73	68.62 6.14 -1.63	66.91 5.41 0.00	69.47 5.77 -1.62	65.32 4.61 0.01	60.72 4.28 -0.86	52.10 2.19 0.00	46.01 2.69 0.00
HOLTSVILLE_IC_3 23692	41.33 2.34 0.00	38.31 1.82 0.00	34.60 1.83 0.00	33.24 1.58 0.00	33.17 1.49 0.00	36.02 1.25 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.54 3.19 0.00	47.30 3.26 0.00	51.78 3.16 0.00	54.78 3.58 0.00	56.35 4.32 0.00	57.15 4.62 0.00	64.17 5.59 -1.56	63.80 5.68 -0.73	68.62 6.14 -1.63	66.91 5.41 0.00	69.47 5.77 -1.62	65.32 4.61 0.01	60.72 4.28 -0.86	52.10 2.19 0.00	46.01 2.69 0.00
HOLTSVILLE_IC_4 23693	41.33 2.34 0.00	38.31 1.82 0.00	34.60 1.83 0.00	33.24 1.58 0.00	33.17 1.49 0.00	36.02 1.25 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.54 3.19 0.00	47.30 3.26 0.00	51.78 3.16 0.00	54.78 3.58 0.00	56.35 4.32 0.00	57.15 4.62 0.00	64.17 5.59 -1.56	63.80 5.68 -0.73	68.62 6.14 -1.63	66.91 5.41 0.00	69.47 5.77 -1.62	65.32 4.61 0.01	60.72 4.28 -0.86	52.10 2.19 0.00	46.01 2.69 0.00
HOLTSVILLE_IC_5 23694	41.33 2.34 0.00	38.31 1.82 0.00	34.60 1.83 0.00	33.24 1.58 0.00	33.17 1.49 0.00	36.02 1.25 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.06 2.85 0.00	47.54 3.19 0.00	47.30 3.26 0.00	51.78 3.16 0.00	54.78 3.58 0.00	56.35 4.32 0.00	57.15 4.62 0.00	64.17 5.59 -1.56	63.80 5.68 -0.73	68.62 6.14 -1.63	66.91 5.41 0.00	69.47 5.77 -1.62	65.32 4.61 0.01	60.72 4.28 -0.86	52.10 2.19 0.00	46.01 2.69 0.00
HOLTSVILLE_IC_6 23695	41.53 2.53 0.00	38.50 2.01 0.00	34.74 1.97 0.00	33.36 1.71 0.00	33.30 1.62 0.00	36.17 1.39 0.00	38.84 1.92 0.00	43.07 2.52 0.00	46.23 3.02 0.00	47.76 3.41 0.00	47.52 3.48 0.00	52.08 3.45 0.00	55.09 3.89 0.00	56.66 4.63 0.00	57.46 4.94 0.00	64.68 5.99 -1.68	64.26 6.08 -0.78	69.18 6.57 -1.76	67.34 5.85 0.00	70.03 6.21 -1.75	65.69 4.98 0.01	61.18 4.67 -0.92	52.40 2.49 0.00	46.27 2.95 0.00
HOLTSVILLE_IC_7 23696	41.53 2.53 0.00	38.50 2.01 0.00	34.74 1.97 0.00	33.36 1.71 0.00	33.30 1.62 0.00	36.17 1.39 0.00	38.84 1.92 0.00	43.07 2.52 0.00	46.23 3.02 0.00	47.76 3.41 0.00	47.52 3.48 0.00	52.08 3.45 0.00	55.09 3.89 0.00	56.66 4.63 0.00	57.46 4.94 0.00	64.68 5.99 -1.68	64.26 6.08 -0.78	69.18 6.57 -1.76	67.34 5.85 0.00	70.03 6.21 -1.75	65.69 4.98 0.01	61.18 4.67 -0.92	52.40 2.49 0.00	46.27 2.95 0.00
HOLTSVILLE_IC_8 23697	41.53 2.53 0.00	38.50 2.01 0.00	34.74 1.97 0.00	33.36 1.71 0.00	33.30 1.62 0.00	36.17 1.39 0.00	38.84 1.92 0.00	43.07 2.52 0.00	46.23 3.02 0.00	47.76 3.41 0.00	47.52 3.48 0.00	52.08 3.45 0.00	55.09 3.89 0.00	56.66 4.63 0.00	57.46 4.94 0.00	64.68 5.99 -1.68	64.26 6.08 -0.78	69.18 6.57 -1.76	67.34 5.85 0.00	70.03 6.21 -1.75	65.69 4.98 0.01	61.18 4.67 -0.92	52.40 2.49 0.00	46.27 2.95 0.00
HOLTSVILLE_IC_9 23698	41.53 2.53 0.00	38.50 2.01 0.00	34.74 1.97 0.00	33.36 1.71 0.00	33.30 1.62 0.00	36.17 1.39 0.00	38.84 1.92 0.00	43.07 2.52 0.00	46.23 3.02 0.00	47.76 3.41 0.00	47.52 3.48 0.00	52.08 3.45 0.00	55.09 3.89 0.00	56.66 4.63 0.00	57.46 4.94 0.00	64.68 5.99 -1.68	64.26 6.08 -0.78	69.18 6.57 -1.76	67.34 5.85 0.00	70.03 6.21 -1.75	65.69 4.98 0.01	61.18 4.67 -0.92	52.40 2.49 0.00	46.27 2.95 0.00
HOMER_HL_115KV_TB2 355744	35.60 -3.39 0.00	33.50 -2.99 0.00	30.25 -2.52 0.00	29.19 -2.47 0.00	29.34 -2.34 0.00	32.27 -2.50 0.00	34.08 -2.84 0.00	36.97 -3.57 0.02	39.17 -4.02 0.02	40.13 -4.21 0.00	38.56 -5.11 0.37	43.80 -2.58 2.25	45.83 -2.51 2.87	46.97 -2.50 2.57	43.98 -2.57 5.97	49.39 -2.74 4.89	46.38 -2.87 8.14	51.31 -2.62 6.92	53.92 -4.24 3.34	52.81 -6.95 2.31	51.42 -7.17 2.14	46.57 -6.61 2.40	41.98 -6.39 1.53	37.09 -5.42 0.82
HOWARD_WT_PWR 323690	37.79 -1.21 0.00	35.51 -0.98 0.00	31.95 -0.82 0.00	30.77 -0.89 0.00	30.92 -0.76 0.00	34.01 -0.77 0.00	35.96 -0.96 0.00	39.18 -1.46 -0.08	41.35 -1.94 -0.08	42.44 -1.91 0.00	42.24 -2.11 -0.31	48.74 -2.19 -2.30	53.39 -2.25 -4.44	52.51 -2.34 -2.81	65.87 -2.42 -15.76	64.91 -2.45 -10.34	82.02 -2.58 -27.21	79.67 -2.25 -21.07	62.78 -2.09 -3.38	58.24 -2.36 1.48	56.86 -2.49 1.37	51.60 -2.44 1.54	46.85 -2.05 1.00	41.10 -1.69 0.54
HQ_GEN_CEDARS 23644	39.27 0.27 0.00	36.82 0.33 0.00	32.90 0.13 0.00	31.88 0.22 0.00	31.87 0.19 0.00	35.12 0.35 0.00	37.03 0.11 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.48 0.13 0.00	44.00 -0.04 0.00	48.53 -0.10 0.00	51.10 -0.10 0.00	51.78 -0.26 0.00	52.06 -0.47 0.00	56.39 -0.63 0.00	56.88 -0.52 0.00	60.17 -0.67 0.00	61.01 -0.49 0.00	61.58 -0.50 0.00	60.54 -0.18 0.00	55.58 0.00 0.00	50.15 0.25 0.00	43.84 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	39.27 0.27 0.00	36.82 0.33 0.00	32.90 0.13 0.00	31.88 0.22 0.00	31.88 0.19 0.00	35.12 0.35 0.00	37.03 0.11 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.43 0.09 0.00	44.00 -0.04 0.00	48.53 -0.10 0.00	51.10 -0.10 0.00	51.68 -0.36 0.00	52.05 -0.47 0.00	56.39 -0.63 0.00	56.88 -0.52 0.00	60.17 -0.67 0.00	61.01 -0.49 0.00	61.57 -0.50 0.00	60.54 -0.18 0.00	55.58 0.00 0.00	50.15 0.25 0.00	43.85 0.52 0.00

HQ_GEN_CHPE_PROXY 323851	40.87 1.87 0.00	38.13 1.64 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.30 4.10 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.26 5.24 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.85 5.35 0.00	67.40 5.34 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.10 3.20 0.00	45.88 2.56 0.00
HQ_GEN_IMPORT 323601	39.15 0.16 0.00	36.67 0.18 0.00	32.90 0.13 0.00	31.78 0.13 0.00	31.81 0.13 0.00	34.98 0.21 0.00	36.92 0.00 0.00	40.60 0.04 0.00	43.25 0.04 0.00	44.34 0.00 0.00	44.00 -0.04 0.00	48.58 -0.05 0.00	51.15 -0.05 0.00	51.94 -0.10 0.00	52.37 -0.16 0.00	56.79 -0.23 0.00	57.22 -0.17 0.00	60.60 -0.24 0.00	61.32 -0.18 0.00	61.89 -0.19 0.00	60.85 0.12 0.00	55.69 0.11 0.00	50.10 0.20 0.00	43.54 0.22 0.00
HQ_GEN_WHEEL 23651	39.15 0.16 0.00	36.67 0.18 0.00	32.90 0.13 0.00	31.78 0.13 0.00	31.81 0.13 0.00	34.98 0.21 0.00	36.92 0.00 0.00	40.60 0.04 0.00	43.25 0.04 0.00	44.34 0.00 0.00	44.00 -0.04 0.00	48.58 -0.05 0.00	51.15 -0.05 0.00	51.94 -0.10 0.00	52.37 -0.16 0.00	56.79 -0.23 0.00	57.22 -0.17 0.00	60.60 -0.24 0.00	61.32 -0.18 0.00	61.89 -0.19 0.00	60.85 0.12 0.00	55.69 0.11 0.00	50.10 0.20 0.00	43.54 0.22 0.00
HUDSON_AVE_GT_3 23810	40.95 1.95 0.00	38.21 1.72 0.00	34.34 1.57 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.84 1.92 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.45 3.10 0.00	47.52 3.48 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.85 5.45 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.71 5.65 0.01	65.27 4.55 0.01	59.58 4.00 0.01	53.25 3.34 0.00	45.97 2.64 0.00
HUDSON_AVE_GT_4 23540	40.95 1.95 0.00	38.21 1.72 0.00	34.34 1.57 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.84 1.92 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.45 3.10 0.00	47.52 3.48 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.85 5.45 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.71 5.65 0.01	65.27 4.55 0.01	59.58 4.00 0.01	53.25 3.34 0.00	45.97 2.64 0.00
HUDSON_AVE_GT_5 23657	40.95 1.95 0.00	38.21 1.72 0.00	34.34 1.57 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.09 1.32 0.00	38.84 1.92 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.45 3.10 0.00	47.52 3.48 0.00	52.66 4.04 0.00	55.50 4.30 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.85 5.45 0.00	66.93 6.08 0.00	67.10 5.60 0.00	67.71 5.65 0.01	65.27 4.55 0.01	59.58 4.00 0.01	53.25 3.34 0.00	45.97 2.64 0.00
HUDSON_AVE_10 24168	40.83 1.83 0.00	38.10 1.61 0.00	34.21 1.44 0.00	33.02 1.36 0.00	33.01 1.33 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.06 2.85 0.00	47.40 3.06 0.00	47.48 3.44 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.10 4.57 0.00	62.38 5.36 0.00	62.73 5.34 0.00	66.81 5.96 0.00	66.97 5.47 0.00	67.59 5.52 0.01	65.15 4.43 0.01	59.52 3.95 0.01	53.15 3.24 0.00	45.88 2.56 0.00
HUDSON___115KV_TB 4 355613	40.01 1.01 0.00	37.44 0.95 0.00	33.62 0.85 0.00	32.45 0.79 0.00	32.48 0.79 0.00	35.47 0.70 0.00	37.92 1.00 0.00	41.57 1.01 0.00	44.20 0.99 0.00	45.14 0.80 0.00	44.88 0.84 0.00	49.60 0.97 0.00	52.33 1.13 0.00	53.34 1.30 0.00	53.95 1.42 0.00	58.61 1.60 0.00	59.11 1.72 0.00	62.79 1.95 0.00	63.41 1.91 0.00	64.06 1.99 0.00	62.36 1.64 0.00	57.14 1.56 0.00	51.10 1.20 0.00	44.41 1.08 0.00
HUNTER MOUNT___DRP 323613	40.20 1.21 0.00	37.62 1.13 0.00	33.79 1.02 0.00	32.60 0.95 0.00	32.63 0.95 0.00	35.61 0.83 0.00	38.07 1.14 0.00	41.65 1.10 0.00	44.33 1.12 0.00	45.23 0.89 0.00	44.92 0.88 0.00	49.70 1.07 0.00	52.38 1.18 0.00	53.39 1.35 0.00	54.00 1.47 0.00	58.73 1.71 0.00	59.17 1.78 0.00	62.91 2.07 0.00	63.53 2.03 0.00	64.18 2.11 0.00	62.48 1.76 0.00	57.31 1.72 0.00	51.25 1.35 0.00	44.58 1.26 0.00
HUNTINGTON_RES_REC 323705	41.41 2.42 0.00	38.35 1.86 0.00	34.57 1.80 0.00	33.24 1.58 0.00	33.14 1.46 0.00	36.02 1.25 0.00	38.69 1.77 0.00	42.99 2.43 0.00	46.15 2.94 0.00	47.67 3.33 0.00	47.44 3.39 0.00	51.93 3.31 0.00	54.93 3.74 0.00	56.51 4.48 0.00	57.30 4.78 0.00	64.58 5.87 -1.69	64.15 5.97 -0.79	69.13 6.51 -1.77	67.22 5.72 0.00	69.98 6.15 -1.76	65.63 4.92 0.01	61.01 4.50 -0.93	52.30 2.40 0.00	46.18 2.86 0.00
HUNTLEY___63 23557	35.06 -3.94 0.00	33.13 -3.36 0.00	29.89 -2.88 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.92 -2.85 0.00	33.60 -3.32 0.00	36.28 -4.26 0.02	38.39 -4.80 0.02	39.82 -4.52 0.00	39.46 -4.18 0.40	41.19 -5.06 2.38	43.03 -5.17 3.00	43.74 -5.57 2.73	40.83 -5.67 6.02	45.78 -6.21 5.02	42.72 -6.00 8.07	47.29 -6.63 6.92	51.69 -6.27 3.54	52.56 -6.95 2.56	51.37 -6.98 2.37	46.25 -6.67 2.66	42.82 -5.39 1.70	37.91 -4.51 0.91
HUNTLEY___64 23558	35.06 -3.94 0.00	33.13 -3.36 0.00	29.89 -2.88 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.92 -2.85 0.00	33.60 -3.32 0.00	36.28 -4.26 0.02	38.39 -4.80 0.02	39.82 -4.52 0.00	39.46 -4.18 0.40	41.19 -5.06 2.38	43.03 -5.17 3.00	43.74 -5.57 2.73	40.83 -5.67 6.02	45.78 -6.21 5.02	42.72 -6.00 8.07	47.29 -6.63 6.92	51.69 -6.27 3.54	52.56 -6.95 2.56	51.37 -6.98 2.37	46.25 -6.67 2.66	42.82 -5.39 1.70	37.91 -4.51 0.91
HUNTLEY___65 23559	35.06 -3.94 0.00	33.13 -3.36 0.00	29.89 -2.88 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.92 -2.85 0.00	33.60 -3.32 0.00	36.28 -4.26 0.02	38.39 -4.80 0.02	39.82 -4.52 0.00	39.46 -4.18 0.40	41.19 -5.06 2.38	43.03 -5.17 3.00	43.74 -5.57 2.73	40.83 -5.67 6.02	45.78 -6.21 5.02	42.72 -6.00 8.07	47.29 -6.63 6.92	51.69 -6.27 3.54	52.56 -6.95 2.56	51.37 -6.98 2.37	46.25 -6.67 2.66	42.82 -5.39 1.70	37.91 -4.51 0.91
HUNTLEY___66 23560	35.06 -3.94 0.00	33.13 -3.36 0.00	29.89 -2.88 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.92 -2.85 0.00	33.60 -3.32 0.00	36.28 -4.26 0.02	38.39 -4.80 0.02	39.82 -4.52 0.00	39.46 -4.18 0.40	41.19 -5.06 2.38	43.03 -5.17 3.00	43.74 -5.57 2.73	40.83 -5.67 6.02	45.78 -6.21 5.02	42.72 -6.00 8.07	47.29 -6.63 6.92	51.69 -6.27 3.54	52.56 -6.95 2.56	51.37 -6.98 2.37	46.25 -6.67 2.66	42.82 -5.39 1.70	37.91 -4.51 0.91
HUNTLEY___67 23561	35.13 -3.86 0.00	33.17 -3.32 0.00	29.92 -2.85 0.00	28.81 -2.85 0.00	29.02 -2.66 0.00	31.92 -2.85 0.00	33.60 -3.32 0.00	36.27 -4.26 0.02	38.39 -4.80 0.02	39.78 -4.57 0.00	39.27 -4.36 0.41	41.03 -5.11 2.49	42.61 -5.43 3.17	43.62 -5.57 2.85	40.23 -5.78 6.52	45.32 -6.33 5.37	41.59 -6.72 9.09	46.43 -6.69 7.72	51.16 -6.64 3.70	52.48 -7.01 2.58	51.30 -7.04 2.38	46.18 -6.73 2.68	42.73 -5.49 1.68	37.83 -4.59 0.90

HUNTLEY___68 23562	35.13 -3.86 0.00	33.17 -3.32 0.00	29.92 -2.85 0.00	28.81 -2.85 0.00	29.02 -2.66 0.00	31.92 -2.85 0.00	33.60 -3.32 0.00	36.27 -4.26 0.02	38.39 -4.80 0.02	39.78 -4.57 0.00	39.27 -4.36 0.41	41.03 -5.11 2.49	42.61 -5.43 3.17	43.62 -5.57 2.85	40.23 -5.78 6.52	45.32 -6.33 5.37	41.59 -6.72 9.09	46.43 -6.69 7.72	51.16 -6.64 3.70	52.48 -7.01 2.58	51.30 -7.04 2.38	46.18 -6.73 2.68	42.73 -5.49 1.68	37.83 -4.59 0.90
HYLAND___LFGE 323620	38.57 -0.43 0.00	36.24 -0.25 0.00	32.61 -0.16 0.00	31.47 -0.19 0.00	31.68 0.00 0.00	34.91 0.14 0.00	36.96 0.04 0.00	40.10 -0.53 -0.07	41.81 -1.47 -0.07	42.75 -1.59 0.00	42.26 -1.98 -0.20	47.39 -2.87 -1.63	51.64 -3.02 -3.46	51.02 -2.96 -1.94	63.32 -2.84 -13.63	62.75 -2.85 -8.58	78.40 -2.81 -23.82	76.95 -2.19 -18.30	62.65 -1.23 -2.38	59.82 -0.31 1.94	58.80 -0.12 1.80	53.11 -0.45 2.02	48.26 -0.25 1.40	42.36 -0.22 0.75
INDECK___CORINTH 23802	41.06 2.07 0.00	38.46 1.97 0.00	34.51 1.74 0.00	33.21 1.55 0.00	33.36 1.68 0.00	36.48 1.70 0.00	39.06 2.14 0.00	42.87 2.31 0.00	45.80 2.59 0.00	46.78 2.44 0.00	46.25 2.20 0.00	51.45 2.82 0.00	54.07 2.87 0.00	54.85 2.81 0.00	55.52 2.99 0.00	60.09 3.08 0.00	60.49 3.10 0.00	64.19 3.34 0.00	65.38 3.88 0.00	65.86 3.79 0.00	64.86 4.13 0.00	59.41 3.83 0.00	53.10 3.20 0.00	45.88 2.56 0.00
INDECK___ILION 23567	39.31 0.31 0.00	36.78 0.29 0.00	33.06 0.29 0.00	31.94 0.28 0.00	31.94 0.25 0.00	35.05 0.28 0.00	37.25 0.33 0.00	40.92 0.37 0.00	43.60 0.39 0.00	44.70 0.35 0.00	44.40 0.35 0.00	49.02 0.39 0.00	51.56 0.36 0.00	52.35 0.31 0.00	52.90 0.37 0.00	57.42 0.40 0.00	57.74 0.34 0.00	61.21 0.37 0.00	61.87 0.37 0.00	62.45 0.37 0.00	60.97 0.24 0.00	55.81 0.22 0.00	50.10 0.20 0.00	43.50 0.17 0.00
INDECK___OLEAN 23982	35.60 -3.39 0.00	33.50 -2.99 0.00	30.25 -2.52 0.00	29.19 -2.47 0.00	29.34 -2.34 0.00	32.27 -2.50 0.00	34.08 -2.84 0.00	36.97 -3.57 0.02	39.17 -4.02 0.02	40.13 -4.21 0.00	38.47 -5.20 0.37	43.80 -2.58 2.25	45.88 -2.46 2.87	47.08 -2.39 2.57	44.04 -2.52 5.97	49.51 -2.62 4.89	46.38 -2.87 8.14	51.31 -2.61 6.92	53.67 -4.49 3.34	52.75 -7.01 2.31	51.36 -7.23 2.14	46.51 -6.67 2.40	41.98 -6.39 1.53	37.13 -5.37 0.82
INDECK___OSWEGO 23783	38.06 -0.94 0.00	35.61 -0.88 0.00	32.02 -0.75 0.00	30.93 -0.73 0.00	30.96 -0.73 0.00	34.01 -0.77 0.00	36.18 -0.74 0.00	39.66 -0.89 0.00	42.22 -0.99 0.00	43.33 -1.02 0.00	43.32 -1.10 -0.37	49.43 -1.31 -2.12	52.78 -1.43 -3.01	53.82 -1.46 -3.24	54.22 -1.52 -3.22	59.77 -1.60 -4.35	59.36 -1.72 -3.68	62.70 -1.70 -3.56	62.99 -1.66 -3.15	63.54 -1.55 -3.02	61.88 -1.64 -2.79	57.22 -1.50 -3.14	50.87 -1.30 -2.26	43.37 -1.17 -1.21
INDECK___YERKES 23781	35.10 -3.90 0.00	33.17 -3.32 0.00	29.92 -2.85 0.00	28.81 -2.85 0.00	29.02 -2.66 0.00	31.96 -2.82 0.00	33.64 -3.29 0.00	36.32 -4.22 0.02	38.44 -4.75 0.02	39.91 -4.43 0.00	39.50 -4.14 0.40	41.19 -5.06 2.38	43.09 -5.12 3.00	43.90 -5.41 2.73	40.89 -5.62 6.02	46.01 -5.99 5.02	42.78 -6.54 8.07	47.42 -6.51 6.92	51.87 -6.09 3.54	52.81 -6.71 2.56	51.61 -6.74 2.37	46.42 -6.50 2.66	42.81 -5.39 1.70	37.95 -4.46 0.91
INDIAN POINT_GT_1 24139	40.59 1.60 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.85 1.08 0.00	38.47 1.55 0.00	42.50 1.95 0.00	45.58 2.38 0.00	46.87 2.53 0.00	46.86 2.82 0.00	51.89 3.26 0.00	54.73 3.53 0.00	55.73 3.69 0.00	56.42 3.89 0.00	61.58 4.56 0.00	61.98 4.59 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.72 4.66 0.01	64.42 3.70 0.01	58.91 3.33 0.01	52.60 2.69 0.00	45.49 2.17 0.00
INDIAN POINT_GT_2 23659	40.59 1.60 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.85 1.08 0.00	38.47 1.55 0.00	42.50 1.95 0.00	45.58 2.38 0.00	46.87 2.53 0.00	46.86 2.82 0.00	51.89 3.26 0.00	54.73 3.53 0.00	55.73 3.69 0.00	56.42 3.89 0.00	61.58 4.56 0.00	61.98 4.59 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.72 4.66 0.01	64.42 3.70 0.01	58.91 3.33 0.01	52.60 2.69 0.00	45.49 2.17 0.00
INDIAN POINT_GT_3 24019	40.59 1.60 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.85 1.08 0.00	38.47 1.55 0.00	42.50 1.95 0.00	45.58 2.38 0.00	46.87 2.53 0.00	46.86 2.82 0.00	51.89 3.26 0.00	54.73 3.53 0.00	55.73 3.69 0.00	56.42 3.89 0.00	61.58 4.56 0.00	61.98 4.59 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.72 4.66 0.01	64.42 3.70 0.01	58.91 3.33 0.01	52.60 2.69 0.00	45.49 2.17 0.00
INDIAN POINT___2 23530	40.56 1.56 0.00	37.80 1.31 0.00	34.01 1.24 0.00	32.83 1.17 0.00	32.82 1.14 0.00	35.82 1.04 0.00	38.44 1.51 0.00	42.46 1.91 0.00	45.50 2.29 0.00	46.83 2.48 0.00	46.78 2.73 0.00	51.84 3.21 0.00	54.58 3.38 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.47 4.45 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.59 4.53 0.01	64.42 3.70 0.01	58.80 3.22 0.01	52.55 2.64 0.00	45.45 2.12 0.00
INDIAN POINT___3 23531	40.56 1.56 0.00	37.84 1.35 0.00	34.02 1.25 0.00	32.86 1.20 0.00	32.82 1.14 0.00	35.82 1.04 0.00	38.44 1.51 0.00	42.46 1.91 0.00	45.54 2.33 0.00	46.83 2.48 0.00	46.82 2.77 0.00	51.84 3.21 0.00	54.63 3.43 0.00	55.63 3.59 0.00	56.31 3.78 0.00	61.46 4.45 0.00	61.87 4.48 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.66 4.59 0.01	64.36 3.64 0.01	58.80 3.22 0.01	52.55 2.64 0.00	45.45 2.12 0.00
INDIANHD_69_KV_BK1 55831	41.49 2.50 0.00	38.57 2.08 0.00	34.67 1.90 0.00	33.30 1.65 0.00	33.24 1.55 0.00	36.13 1.36 0.00	38.80 1.88 0.00	43.07 2.51 0.00	46.28 3.07 0.00	47.76 3.41 0.00	47.57 3.52 0.00	51.98 3.36 0.00	55.09 3.89 0.00	56.61 4.58 0.00	57.51 4.99 0.00	64.97 6.27 -1.69	64.38 6.20 -0.79	69.48 6.88 -1.76	67.40 5.90 0.00	70.28 6.46 -1.75	65.45 4.74 0.01	61.23 4.72 -0.93	52.40 2.50 0.00	46.31 2.99 0.00
INGHAM_C_115KV_TB7 356103	39.62 0.62 0.00	37.04 0.55 0.00	33.29 0.52 0.00	32.16 0.51 0.00	32.16 0.48 0.00	35.30 0.52 0.00	37.55 0.63 0.00	41.20 0.65 0.00	43.90 0.69 0.00	44.92 0.58 0.00	44.62 0.57 0.00	49.31 0.68 0.00	51.82 0.61 0.00	52.56 0.52 0.00	53.11 0.58 0.00	57.59 0.57 0.00	57.85 0.46 0.00	61.33 0.49 0.00	61.93 0.43 0.00	62.57 0.50 0.00	61.09 0.36 0.00	55.86 0.28 0.00	50.30 0.40 0.00	43.67 0.35 0.00
IP CORINTH___1 23988	41.06 2.07 0.00	38.46 1.97 0.00	34.51 1.74 0.00	33.21 1.55 0.00	33.36 1.68 0.00	36.48 1.70 0.00	39.06 2.14 0.00	42.87 2.31 0.00	45.80 2.59 0.00	46.78 2.44 0.00	46.25 2.20 0.00	51.45 2.82 0.00	54.07 2.87 0.00	54.80 2.76 0.00	55.52 2.99 0.00	60.15 3.14 0.00	60.49 3.10 0.00	64.19 3.35 0.00	65.44 3.94 0.00	65.86 3.79 0.00	64.85 4.13 0.00	59.42 3.84 0.00	53.10 3.19 0.00	45.88 2.56 0.00

IP___TICONDEROGA 23804	42.00 3.00 0.00	39.41 2.92 0.00	35.33 2.56 0.00	33.90 2.25 0.00	34.16 2.47 0.00	37.31 2.54 0.00	40.02 3.10 0.00	43.84 3.29 0.00	46.84 3.63 0.00	47.67 3.33 0.00	47.17 3.13 0.00	52.86 4.23 0.00	55.55 4.35 0.00	56.36 4.32 0.00	57.20 4.67 0.00	61.86 4.85 0.00	62.16 4.76 0.00	66.20 5.35 0.00	67.47 5.97 0.00	68.09 6.02 0.00	67.10 6.38 0.00	61.59 6.00 0.00	54.94 5.04 0.00	47.40 4.07 0.00
ISLIP_RES_REC 323679	41.68 2.69 0.00	38.64 2.15 0.00	34.87 2.10 0.00	33.49 1.84 0.00	33.43 1.74 0.00	36.27 1.49 0.00	38.99 2.07 0.00	43.27 2.72 0.00	46.45 3.24 0.00	47.98 3.64 0.00	47.74 3.70 0.00	52.37 3.74 0.00	55.40 4.20 0.00	57.03 5.00 0.00	57.83 5.30 0.00	65.17 6.38 -1.77	64.70 6.48 -0.82	69.69 6.99 -1.85	67.70 6.21 0.00	70.55 6.65 -1.84	66.06 5.34 0.01	61.56 5.00 -0.97	52.65 2.74 0.00	46.44 3.12 0.00
JAMAICA__27_KV_LOAD 355505	40.95 1.95 0.00	38.21 1.72 0.00	34.28 1.51 0.00	33.05 1.39 0.00	33.05 1.36 0.00	36.09 1.32 0.00	38.92 1.99 0.00	43.11 2.56 0.00	46.36 3.15 0.00	47.67 3.33 0.00	47.74 3.70 0.00	52.91 4.28 0.00	55.76 4.56 0.00	56.78 4.74 0.00	57.47 4.94 0.00	62.78 5.76 0.00	63.13 5.74 0.00	67.17 6.33 0.00	67.40 5.90 0.00	68.02 5.96 0.01	65.64 4.92 0.01	59.91 4.34 0.01	53.50 3.59 0.00	46.10 2.77 0.00
JANIS___SOLAR 323808	39.73 0.74 0.00	37.26 0.77 0.00	33.49 0.72 0.00	32.38 0.73 0.00	32.38 0.70 0.00	35.68 0.90 0.00	37.99 1.07 0.00	41.66 1.10 -0.01	44.03 0.82 -0.01	44.88 0.53 0.00	44.41 0.40 0.03	48.99 0.49 0.12	51.72 0.36 -0.16	52.44 0.37 -0.04	53.90 0.53 -0.85	58.28 0.69 -0.58	59.43 0.57 -1.46	63.16 1.28 -1.03	62.79 1.47 0.18	63.28 1.74 0.53	61.81 1.58 0.49	56.48 1.44 0.55	50.88 1.35 0.37	44.30 1.17 0.20
JARVIS____ 23743	39.03 0.04 0.00	36.53 0.04 0.00	32.80 0.03 0.00	31.69 0.03 0.00	31.72 0.03 0.00	34.81 0.03 0.00	37.00 0.07 0.00	40.64 0.08 0.00	43.30 0.09 0.00	44.43 0.09 0.00	44.13 0.09 0.00	48.77 0.15 0.00	51.30 0.10 0.00	52.20 0.16 0.00	52.69 0.16 0.00	57.25 0.23 0.00	57.57 0.17 0.00	61.03 0.18 0.00	61.69 0.19 0.00	62.26 0.19 0.00	60.78 0.06 0.00	55.64 0.06 0.00	49.95 0.05 0.00	43.37 0.04 0.00
JENNISON___1 23625	39.85 0.86 0.00	37.33 0.84 0.00	33.59 0.82 0.00	32.48 0.82 0.00	32.41 0.73 0.00	35.68 0.90 0.00	37.96 1.03 0.00	41.86 1.30 0.00	44.55 1.34 0.00	45.59 1.24 0.00	45.24 1.23 0.04	50.00 1.56 0.18	52.61 1.43 0.03	53.30 1.35 0.09	54.46 1.63 -0.30	59.07 1.88 -0.17	59.74 1.78 -0.57	63.45 2.25 -0.35	63.32 2.09 0.27	63.79 2.17 0.46	62.18 1.88 0.42	56.83 1.72 0.48	51.18 1.60 0.32	44.50 1.34 0.17
JENNISON___2 23626	39.85 0.86 0.00	37.33 0.84 0.00	33.59 0.82 0.00	32.48 0.82 0.00	32.41 0.73 0.00	35.68 0.90 0.00	37.96 1.03 0.00	41.86 1.30 0.00	44.55 1.34 0.00	45.59 1.24 0.00	45.24 1.23 0.04	50.00 1.56 0.18	52.61 1.43 0.03	53.30 1.35 0.09	54.46 1.63 -0.30	59.07 1.88 -0.17	59.74 1.78 -0.57	63.45 2.25 -0.35	63.32 2.09 0.27	63.79 2.17 0.46	62.18 1.88 0.42	56.83 1.72 0.48	51.18 1.60 0.32	44.50 1.34 0.17
JERICHO_RISE_WT_PWR 323719	39.15 0.16 0.00	36.75 0.26 0.00	32.87 0.10 0.00	31.75 0.10 0.00	31.75 0.06 0.00	35.02 0.25 0.00	36.96 0.04 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.34 0.00 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.78 -0.26 0.00	52.21 -0.31 0.00	56.62 -0.40 0.00	57.05 -0.34 0.00	60.42 -0.42 0.00	61.19 -0.31 0.00	61.83 -0.25 0.00	60.66 -0.06 0.00	55.58 0.00 0.00	50.05 0.15 0.00	43.59 0.26 0.00
KATONAH___115KV_46KV_TB4 355592	40.79 1.79 0.00	38.06 1.57 0.00	34.18 1.41 0.00	33.02 1.36 0.00	33.01 1.33 0.00	36.03 1.25 0.00	38.69 1.77 0.00	42.75 2.19 0.00	45.84 2.64 0.00	47.18 2.84 0.00	47.22 3.17 0.00	52.28 3.65 0.00	55.14 3.94 0.00	56.15 4.11 0.00	56.78 4.25 0.00	61.98 4.96 0.00	62.33 4.94 0.00	66.32 5.48 0.00	66.54 5.04 0.00	67.03 4.97 0.01	64.72 4.01 0.01	59.19 3.61 0.01	52.85 2.94 0.00	45.71 2.38 0.00
KCE_NY_1 323755	40.48 1.48 0.00	37.88 1.39 0.00	34.01 1.24 0.00	32.79 1.14 0.00	32.89 1.20 0.00	35.99 1.22 0.00	38.47 1.55 0.00	42.18 1.62 0.00	44.98 1.77 0.00	46.03 1.68 0.00	45.76 1.72 0.00	50.77 2.14 0.00	53.51 2.31 0.00	54.43 2.40 0.00	55.05 2.52 0.00	59.70 2.68 0.00	60.09 2.70 0.00	63.70 2.86 0.00	64.45 2.95 0.00	64.87 2.80 0.00	63.46 2.74 0.00	58.14 2.56 0.00	52.00 2.10 0.00	45.06 1.73 0.00
KCE_NY_6_ESR 323823	35.52 -3.47 0.00	33.54 -2.95 0.00	30.25 -2.52 0.00	29.12 -2.53 0.00	29.31 -2.38 0.00	32.27 -2.50 0.00	34.00 -2.92 0.00	36.76 -3.77 0.02	38.91 -4.28 0.02	40.27 -4.08 0.00	39.58 -4.05 0.41	42.00 -4.13 2.50	43.63 -4.35 3.22	44.81 -4.37 2.86	41.05 -4.62 6.85	46.56 -4.90 5.55	42.59 -5.34 9.47	47.55 -5.29 8.00	52.20 -5.60 3.71	53.27 -6.33 2.48	52.06 -6.38 2.29	46.89 -6.11 2.58	43.03 -5.24 1.63	38.08 -4.37 0.87
KEDC_PORT_JEFF_GT2 24210	41.45 2.46 0.00	38.42 1.93 0.00	34.67 1.90 0.00	33.33 1.68 0.00	33.24 1.55 0.00	36.09 1.32 0.00	38.77 1.85 0.00	43.03 2.47 0.00	46.15 2.94 0.00	47.67 3.33 0.00	47.30 3.26 0.00	51.83 3.21 0.00	54.83 3.64 0.00	56.46 4.42 0.00	57.30 4.78 0.00	64.41 5.76 -1.63	64.01 5.86 -0.76	68.88 6.33 -1.71	67.03 5.54 0.00	69.73 5.96 -1.70	65.45 4.74 0.01	60.93 4.45 -0.90	52.30 2.40 0.00	46.18 2.86 0.00
KEDC_PORT_JEFF_GT3 24211	41.45 2.46 0.00	38.42 1.93 0.00	34.67 1.90 0.00	33.33 1.68 0.00	33.24 1.55 0.00	36.09 1.32 0.00	38.77 1.85 0.00	43.03 2.47 0.00	46.15 2.94 0.00	47.67 3.33 0.00	47.30 3.26 0.00	51.83 3.21 0.00	54.83 3.64 0.00	56.46 4.42 0.00	57.30 4.78 0.00	64.41 5.76 -1.63	64.01 5.86 -0.76	68.88 6.33 -1.71	67.03 5.54 0.00	69.73 5.96 -1.70	65.45 4.74 0.01	60.93 4.45 -0.90	52.30 2.40 0.00	46.18 2.86 0.00
KEDC_GLWD_GT4 24219	41.14 2.14 0.00	38.24 1.75 0.00	34.41 1.64 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.54 3.19 0.00	47.48 3.44 0.00	52.43 3.80 -0.01	55.35 4.15 -0.01	56.68 4.63 -0.01	57.42 4.89 -0.01	70.52 5.65 -7.86	66.58 5.51 -3.68	75.14 6.08 -8.22	66.92 5.41 -0.01	75.91 5.65 -8.19	65.70 4.98 0.00	64.33 4.39 -4.36	52.90 2.99 0.00	46.10 2.78 0.00
KEDC_GLWD_GT5 24220	41.14 2.14 0.00	38.24 1.75 0.00	34.41 1.64 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.95 2.39 0.00	46.15 2.94 0.00	47.54 3.19 0.00	47.48 3.44 0.00	52.43 3.80 -0.01	55.35 4.15 -0.01	56.68 4.63 -0.01	57.42 4.89 -0.01	70.52 5.65 -7.86	66.58 5.51 -3.68	75.14 6.08 -8.22	66.92 5.41 -0.01	75.91 5.65 -8.19	65.70 4.98 0.00	64.33 4.39 -4.36	52.90 2.99 0.00	46.10 2.78 0.00

KENSICO____ 23655	40.71 1.72 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.95 1.30 0.00	32.92 1.24 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.62 2.07 0.00	45.71 2.51 0.00	47.00 2.66 0.00	47.04 2.99 0.00	52.08 3.45 0.00	54.89 3.69 0.00	55.94 3.90 0.00	56.63 4.10 0.00	61.81 4.79 0.00	62.21 4.82 0.00	66.20 5.35 0.00	66.36 4.86 0.00	66.97 4.90 0.01	64.60 3.89 0.01	59.08 3.50 0.01	52.75 2.84 0.00	45.62 2.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.83 1.83 0.00	38.13 1.64 0.00	34.24 1.47 0.00	33.08 1.42 0.00	32.98 1.30 0.00	36.03 1.25 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.87 2.53 0.00	46.69 2.64 0.00	51.74 3.11 0.00	54.48 3.28 0.00	55.58 3.54 0.00	56.26 3.73 0.00	61.46 4.45 0.00	61.87 4.48 0.00	66.01 5.17 0.00	66.24 4.74 0.00	66.97 4.90 0.01	64.60 3.89 0.01	59.07 3.50 0.01	52.70 2.79 0.00	45.62 2.30 0.00
KIAC_JFK_GT1 23816	40.71 1.72 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.89 1.11 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.15 2.94 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.15 4.62 0.00	62.38 5.36 0.00	62.56 5.17 0.00	66.56 5.72 0.00	66.85 5.35 0.00	67.47 5.40 0.01	65.03 4.31 0.01	59.58 4.00 0.01	53.20 3.29 0.00	45.84 2.51 0.00
KIAC_JFK_GT2 23817	40.71 1.72 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.89 1.11 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.15 2.94 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.15 4.62 0.00	62.38 5.36 0.00	62.56 5.17 0.00	66.56 5.72 0.00	66.85 5.35 0.00	67.47 5.40 0.01	65.03 4.31 0.01	59.58 4.00 0.01	53.20 3.29 0.00	45.84 2.51 0.00
KIAC_JFK____ 323774	40.71 1.71 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.89 1.11 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.15 2.94 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.38 5.36 0.00	62.73 5.34 0.00	66.50 5.66 0.00	66.79 5.29 0.00	67.40 5.34 0.01	65.09 4.37 0.01	59.52 3.95 0.01	53.20 3.29 0.00	45.84 2.51 0.00
KINTIGH_24_KV_GSU 356498	35.56 -3.43 0.00	33.50 -2.99 0.00	30.21 -2.56 0.00	29.12 -2.53 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	34.00 -2.92 0.00	36.77 -3.77 0.01	38.92 -4.28 0.01	40.44 -3.90 0.00	40.27 -3.39 0.38	41.39 -5.01 2.23	43.11 -5.43 2.67	43.98 -5.52 2.54	41.94 -5.78 4.81	46.56 -6.21 4.24	43.10 -6.66 7.63	47.62 -6.69 6.53	52.10 -6.09 3.31	54.15 -5.59 2.33	52.98 -5.59 2.16	47.65 -5.50 2.43	43.65 -4.39 1.86	38.64 -3.68 1.00
KINTIGH____ 23543	35.56 -3.43 0.00	33.50 -2.99 0.00	30.21 -2.56 0.00	29.12 -2.53 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	34.00 -2.92 0.00	36.77 -3.77 0.01	38.92 -4.28 0.01	40.40 -3.95 0.00	40.18 -3.48 0.38	41.39 -5.01 2.23	43.11 -5.43 2.67	43.93 -5.57 2.54	41.94 -5.78 4.81	46.45 -6.33 4.24	43.10 -6.66 7.63	47.56 -6.75 6.53	51.98 -6.21 3.31	53.91 -5.83 2.33	52.74 -5.83 2.16	47.49 -5.67 2.43	43.65 -4.39 1.86	38.64 -3.68 1.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.66 0.66 0.00	37.26 0.77 0.00	33.26 0.49 0.00	32.16 0.51 0.00	32.16 0.48 0.00	35.50 0.73 0.00	37.48 0.55 0.00	41.29 0.73 0.00	43.94 0.73 0.00	44.74 0.40 0.00	44.26 0.22 0.00	48.87 0.24 0.00	51.46 0.26 0.00	52.20 0.16 0.00	52.63 0.11 0.00	57.07 0.06 0.00	57.57 0.17 0.00	60.96 0.12 0.00	61.87 0.37 0.00	62.45 0.37 0.00	61.21 0.49 0.00	56.08 0.50 0.00	50.50 0.60 0.00	44.06 0.74 0.00
LACHUTE____HYDRO 323717	42.00 3.00 0.00	39.41 2.92 0.00	35.33 2.56 0.00	33.90 2.25 0.00	34.16 2.47 0.00	37.31 2.54 0.00	40.02 3.10 0.00	43.84 3.28 0.00	46.84 3.63 0.00	47.67 3.33 0.00	47.17 3.13 0.00	52.86 4.23 0.00	55.55 4.35 0.00	56.36 4.32 0.00	57.20 4.67 0.00	61.81 4.79 0.00	62.15 4.76 0.00	66.20 5.36 0.00	67.46 5.96 0.00	68.09 6.02 0.00	67.10 6.37 0.00	61.59 6.00 0.00	54.94 5.04 0.00	47.40 4.07 0.00
LAWRNCV_115KV_TB1 80681	38.92 -0.08 0.00	36.53 0.04 0.00	32.64 -0.13 0.00	31.62 -0.03 0.00	31.59 -0.10 0.00	34.84 0.07 0.00	36.74 -0.18 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.08 -0.27 0.00	43.60 -0.44 0.00	48.04 -0.58 0.00	50.48 -0.72 0.00	51.05 -0.99 0.00	51.27 -1.26 0.00	55.53 -1.48 0.00	55.96 -1.43 0.00	59.26 -1.58 0.00	60.15 -1.35 0.00	60.83 -1.24 0.00	59.81 -0.91 0.00	55.03 -0.56 0.00	49.75 -0.15 0.00	43.63 0.30 0.00
LEDERLE____ 23769	40.75 1.75 0.00	38.02 1.53 0.00	34.15 1.38 0.00	32.98 1.33 0.00	32.95 1.27 0.00	35.96 1.18 0.00	38.58 1.66 0.00	42.66 2.11 0.00	45.71 2.51 0.00	47.00 2.66 0.00	47.00 2.95 0.00	52.03 3.40 0.00	54.84 3.64 0.00	55.94 3.90 0.00	56.63 4.10 0.00	61.81 4.79 0.00	62.21 4.82 0.00	66.26 5.42 0.00	66.42 4.92 0.00	67.03 4.97 0.01	64.66 3.95 0.01	59.13 3.56 0.01	52.80 2.89 0.00	45.66 2.34 0.00
LIGHTHSE_115KV_TB6 355974	38.64 -0.35 0.00	36.20 -0.29 0.00	32.54 -0.23 0.00	31.43 -0.22 0.00	31.43 -0.25 0.00	34.63 -0.14 0.00	36.85 -0.07 0.00	40.47 -0.08 0.00	43.08 -0.13 0.00	44.08 -0.27 0.00	43.77 -0.35 -0.07	48.56 -0.49 -0.42	51.42 -0.61 -0.83	52.11 -0.83 -0.91	52.54 -0.79 -0.80	57.50 -0.80 -1.28	57.15 -0.98 -0.73	60.58 -0.97 -0.71	61.26 -0.86 -0.62	62.11 -0.56 -0.60	60.73 -0.55 -0.55	55.70 -0.50 -0.62	50.10 -0.25 -0.45	43.35 -0.22 -0.24
LINDEN COGEN____ 23786	40.71 1.71 0.00	38.02 1.53 0.00	34.18 1.41 0.00	32.98 1.33 0.00	32.95 1.27 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.74 2.19 0.00	45.93 2.72 0.00	47.27 2.93 0.00	47.30 3.26 0.00	52.42 3.80 0.00	55.24 4.04 0.00	56.25 4.21 0.00	56.99 4.46 0.00	62.15 5.13 0.00	62.56 5.17 0.00	66.56 5.72 0.00	66.79 5.29 0.00	67.34 5.27 0.01	65.03 4.31 0.01	59.30 3.72 0.01	53.00 3.10 0.00	45.75 2.42 0.00
LINDHRST_69_KV_BK1 356055	41.73 2.73 0.00	38.75 2.26 0.00	34.80 2.03 0.00	33.46 1.80 0.00	33.40 1.71 0.00	36.30 1.53 0.00	39.03 2.10 0.00	43.31 2.76 0.00	46.58 3.37 0.00	48.07 3.72 0.00	47.92 3.88 0.00	52.57 3.94 0.00	55.60 4.40 0.00	57.14 5.10 0.00	57.99 5.46 0.00	67.79 6.73 -4.05	66.00 6.72 -1.89	72.50 7.42 -4.23	68.02 6.52 0.00	73.30 7.01 -4.21	66.12 5.40 0.01	63.10 5.28 -2.24	52.95 3.04 0.00	46.62 3.29 0.00
LIPA_MISC_IPP 23656	41.22 2.22 0.00	38.42 1.93 0.00	34.57 1.80 0.00	33.24 1.58 0.00	33.17 1.49 0.00	35.96 1.18 0.00	38.62 1.70 0.00	42.79 2.23 0.00	45.93 2.72 0.00	47.45 3.10 0.00	47.22 3.17 0.00	51.69 3.06 0.00	54.68 3.48 0.00	56.25 4.22 0.00	57.15 4.62 0.00	64.41 5.82 -1.58	63.75 5.62 -0.74	68.76 6.27 -1.65	66.72 5.23 0.00	69.55 5.83 -1.64	64.84 4.13 0.01	60.67 4.22 -0.87	51.95 2.05 0.00	45.88 2.56 0.00

LISF___SOLAR 323691	41.30 2.30 0.00	38.35 1.86 0.00	34.64 1.87 0.00	33.30 1.65 0.00	33.20 1.52 0.00	35.99 1.22 0.00	38.66 1.74 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.49 3.15 0.00	47.26 3.21 0.00	51.78 3.16 0.00	54.78 3.58 0.00	56.35 4.32 0.00	57.15 4.62 0.00	64.26 5.65 -1.60	63.88 5.74 -0.75	68.73 6.21 -1.67	66.91 5.41 0.00	69.57 5.83 -1.66	65.27 4.56 0.01	60.80 4.34 -0.88	52.05 2.14 0.00	45.97 2.64 0.00
LITTLE FALLS___HYD 24013	39.62 0.62 0.00	37.04 0.55 0.00	33.29 0.52 0.00	32.16 0.51 0.00	32.16 0.48 0.00	35.30 0.52 0.00	37.55 0.63 0.00	41.20 0.65 0.00	43.90 0.69 0.00	44.92 0.58 0.00	44.62 0.57 0.00	49.31 0.68 0.00	51.82 0.61 0.00	52.56 0.52 0.00	53.11 0.58 0.00	57.59 0.57 0.00	57.85 0.46 0.00	61.33 0.49 0.00	61.93 0.43 0.00	62.57 0.50 0.00	61.09 0.36 0.00	55.86 0.28 0.00	50.30 0.40 0.00	43.67 0.35 0.00
LITTLRIV_115KV_TB1 356100	39.27 0.27 0.00	36.86 0.36 0.00	32.93 0.16 0.00	31.94 0.28 0.00	31.87 0.19 0.00	35.19 0.42 0.00	37.11 0.18 0.00	40.76 0.20 0.00	43.34 0.13 0.00	44.30 -0.04 0.00	43.78 -0.26 0.00	48.19 -0.44 0.00	50.64 -0.56 0.00	51.15 -0.88 0.00	51.42 -1.10 0.00	55.65 -1.37 0.00	56.19 -1.21 0.00	59.57 -1.28 0.00	60.58 -0.92 0.00	61.33 -0.74 0.00	60.36 -0.36 0.00	55.58 0.00 0.00	50.30 0.40 0.00	44.06 0.74 0.00
LI_NEWBRDGE___DRP 323616	41.02 2.03 0.00	38.13 1.64 0.00	34.24 1.47 0.00	32.95 1.30 0.00	32.89 1.20 0.00	35.78 1.01 0.00	38.47 1.55 0.00	42.66 2.11 0.00	45.84 2.64 0.00	47.32 2.97 0.00	47.17 3.13 0.00	51.83 3.21 0.01	54.83 3.64 0.01	56.30 4.27 0.01	57.09 4.57 0.01	63.09 5.70 -0.37	63.30 5.74 -0.17	67.56 6.33 -0.39	67.03 5.54 0.01	68.35 5.90 -0.38	65.20 4.49 0.01	60.11 4.34 -0.20	52.20 2.30 0.00	45.84 2.51 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.94 -4.06 0.00	33.10 -3.39 0.00	29.85 -2.92 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.99 -2.78 0.00	33.52 -3.40 0.00	36.24 -4.30 0.02	38.31 -4.88 0.02	39.78 -4.57 0.00	39.39 -4.27 0.39	40.99 -5.35 2.29	42.68 -5.68 2.83	43.54 -5.88 2.62	41.07 -5.94 5.52	45.79 -6.56 4.67	41.92 -7.00 8.47	46.73 -6.94 7.18	51.15 -6.95 3.40	52.51 -7.01 2.55	51.38 -6.98 2.36	46.21 -6.73 2.65	42.79 -5.39 1.73	37.85 -4.55 0.93
LOCKPORT___CC1 323769	34.98 -4.02 0.00	33.10 -3.39 0.00	29.85 -2.92 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.96 -2.82 0.00	33.53 -3.40 0.00	36.24 -4.30 0.02	38.31 -4.88 0.02	39.78 -4.57 0.00	39.42 -4.23 0.39	40.95 -5.35 2.33	42.56 -5.73 2.91	43.59 -5.78 2.67	40.77 -5.99 5.76	45.80 -6.38 4.84	41.47 -7.00 8.92	46.32 -6.99 7.53	51.21 -6.83 3.46	52.69 -6.83 2.55	51.56 -6.80 2.36	46.37 -6.56 2.66	42.74 -5.44 1.72	37.85 -4.55 0.92
LOCKPORT___CC2 323770	34.98 -4.02 0.00	33.10 -3.39 0.00	29.85 -2.92 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.96 -2.82 0.00	33.53 -3.40 0.00	36.24 -4.30 0.02	38.31 -4.88 0.02	39.78 -4.57 0.00	39.42 -4.23 0.39	40.95 -5.35 2.33	42.56 -5.73 2.91	43.59 -5.78 2.67	40.77 -5.99 5.76	45.80 -6.38 4.84	41.47 -7.00 8.92	46.32 -6.99 7.53	51.21 -6.83 3.46	52.69 -6.83 2.55	51.56 -6.80 2.36	46.37 -6.56 2.66	42.74 -5.44 1.72	37.85 -4.55 0.92
LOCKPORT___CC3 323771	34.98 -4.02 0.00	33.10 -3.39 0.00	29.85 -2.92 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.96 -2.82 0.00	33.53 -3.40 0.00	36.24 -4.30 0.02	38.31 -4.88 0.02	39.78 -4.57 0.00	39.42 -4.23 0.39	40.95 -5.35 2.33	42.56 -5.73 2.91	43.59 -5.78 2.67	40.77 -5.99 5.76	45.80 -6.38 4.84	41.47 -7.00 8.92	46.32 -6.99 7.53	51.21 -6.83 3.46	52.69 -6.83 2.55	51.56 -6.80 2.36	46.37 -6.56 2.66	42.74 -5.44 1.72	37.85 -4.55 0.92
LOCUSVLY_69_KV_BK2 55797	41.37 2.38 0.00	38.46 1.97 0.00	34.54 1.77 0.00	33.24 1.58 0.00	33.21 1.52 0.00	36.13 1.36 0.00	38.84 1.92 0.00	43.07 2.51 0.00	46.32 3.11 0.00	47.76 3.41 0.00	47.70 3.66 0.00	52.47 3.84 0.00	55.51 4.30 0.00	56.88 4.84 0.00	57.68 5.15 0.00	69.54 6.16 -6.37	66.51 6.14 -2.98	74.26 6.75 -6.66	67.53 6.03 0.00	75.04 6.33 -6.64	65.70 4.98 0.00	63.89 4.78 -3.53	52.90 2.99 0.00	46.27 2.95 0.00
LONG_LAKE_PHOENIX 24014	38.10 -0.90 0.00	35.65 -0.84 0.00	32.05 -0.72 0.00	30.96 -0.70 0.00	30.99 -0.70 0.00	34.04 -0.73 0.00	36.26 -0.66 0.00	39.74 -0.81 0.00	42.30 -0.91 0.00	43.46 -0.89 0.00	43.29 -0.97 -0.21	48.65 -1.17 -1.19	51.82 -1.23 -1.84	52.78 -1.25 -1.99	53.13 -1.31 -1.92	58.25 -1.48 -2.72	57.92 -1.55 -2.08	61.27 -1.58 -2.01	61.74 -1.54 -1.78	62.28 -1.49 -1.70	60.78 -1.52 -1.57	55.91 -1.45 -1.77	49.93 -1.25 -1.28	42.88 -1.13 -0.68
LOVETT___3 23632	40.52 1.52 0.00	37.80 1.31 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.79 1.11 0.00	35.78 1.01 0.00	38.40 1.48 0.00	42.42 1.87 0.00	45.46 2.25 0.00	46.78 2.44 0.00	46.73 2.69 0.00	51.74 3.11 0.00	54.53 3.33 0.00	55.58 3.54 0.00	56.26 3.73 0.00	61.41 4.39 0.00	61.81 4.42 0.00	65.77 4.93 0.00	65.99 4.49 0.00	66.60 4.53 0.01	64.30 3.58 0.01	58.80 3.22 0.01	52.50 2.59 0.00	45.40 2.08 0.00
LOVETT___4 23642	40.52 1.52 0.00	37.80 1.31 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.79 1.11 0.00	35.78 1.01 0.00	38.40 1.48 0.00	42.42 1.87 0.00	45.46 2.25 0.00	46.78 2.44 0.00	46.73 2.69 0.00	51.74 3.11 0.00	54.53 3.33 0.00	55.58 3.54 0.00	56.26 3.73 0.00	61.41 4.39 0.00	61.81 4.42 0.00	65.77 4.93 0.00	65.99 4.49 0.00	66.60 4.53 0.01	64.30 3.58 0.01	58.80 3.22 0.01	52.50 2.59 0.00	45.40 2.08 0.00
LOVETT___5 23593	40.52 1.52 0.00	37.80 1.31 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.79 1.11 0.00	35.78 1.01 0.00	38.40 1.48 0.00	42.42 1.87 0.00	45.46 2.25 0.00	46.78 2.44 0.00	46.73 2.69 0.00	51.74 3.11 0.00	54.53 3.33 0.00	55.58 3.54 0.00	56.26 3.73 0.00	61.41 4.39 0.00	61.81 4.42 0.00	65.77 4.93 0.00	65.99 4.49 0.00	66.60 4.53 0.01	64.30 3.58 0.01	58.80 3.22 0.01	52.50 2.59 0.00	45.40 2.08 0.00
LOWER RAQUET___HYD 24057	38.84 -0.16 0.00	36.45 -0.04 0.00	32.57 -0.20 0.00	31.56 -0.09 0.00	31.50 -0.19 0.00	34.77 0.00 0.00	36.66 -0.26 0.00	40.35 -0.20 0.00	42.99 -0.21 0.00	43.94 -0.40 0.00	43.47 -0.57 0.00	47.95 -0.68 0.00	50.33 -0.87 0.00	50.74 -1.30 0.00	51.00 -1.52 0.00	55.25 -1.77 0.00	55.73 -1.67 0.00	58.96 -1.89 0.00	59.90 -1.60 0.00	60.58 -1.49 0.00	59.57 -1.16 0.00	54.86 -0.72 0.00	49.66 -0.25 0.00	43.59 0.26 0.00
LOWER___HUDSON 24059	39.93 0.93 0.00	37.26 0.77 0.00	33.52 0.75 0.00	32.35 0.70 0.00	32.44 0.76 0.00	35.47 0.70 0.00	37.92 1.00 0.00	41.57 1.01 0.00	44.29 1.08 0.00	45.36 1.02 0.00	45.15 1.10 0.00	49.99 1.36 0.00	52.69 1.49 0.00	53.65 1.62 0.00	54.26 1.73 0.00	58.84 1.82 0.00	59.35 1.95 0.00	62.67 1.82 0.00	63.34 1.84 0.00	63.81 1.74 0.00	62.24 1.52 0.00	57.03 1.44 0.00	51.00 1.10 0.00	44.24 0.91 0.00

LOWVILLE_115KV_TB2 356335	39.50 0.51 0.00	36.96 0.47 0.00	33.23 0.46 0.00	32.16 0.51 0.00	32.06 0.38 0.00	35.43 0.66 0.00	37.66 0.74 0.00	41.61 1.05 0.00	44.29 1.08 0.00	45.14 0.80 0.00	44.75 0.70 0.00	49.36 0.73 0.00	51.80 0.46 -0.14	52.35 0.16 -0.16	52.94 0.32 -0.10	57.61 0.34 -0.25	57.62 0.23 0.00	61.39 0.55 0.00	62.24 0.74 0.00	63.25 1.18 0.00	62.00 1.28 0.00	56.86 1.28 0.00	51.25 1.35 0.00	44.49 1.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.48 1.48 0.00	37.84 1.35 0.00	34.02 1.25 0.00	32.79 1.14 0.00	32.89 1.20 0.00	35.96 1.18 0.00	38.44 1.51 0.00	42.18 1.62 0.00	44.98 1.77 0.00	46.03 1.69 0.00	45.72 1.67 0.00	50.77 2.14 0.00	53.45 2.25 0.00	54.33 2.29 0.00	55.00 2.47 0.00	59.64 2.62 0.00	60.09 2.70 0.00	63.64 2.80 0.00	64.39 2.89 0.00	64.87 2.79 0.00	63.40 2.67 0.00	58.08 2.50 0.00	52.00 2.10 0.00	45.01 1.69 0.00
LUTHERNY_35_KV_BK2 355980	40.48 1.48 0.00	37.88 1.39 0.00	34.02 1.25 0.00	32.79 1.14 0.00	32.89 1.20 0.00	35.99 1.22 0.00	38.47 1.55 0.00	42.18 1.62 0.00	44.98 1.77 0.00	46.03 1.69 0.00	45.76 1.72 0.00	50.77 2.14 0.00	53.50 2.30 0.00	54.38 2.34 0.00	55.05 2.52 0.00	59.70 2.68 0.00	60.09 2.70 0.00	63.70 2.86 0.00	64.45 2.95 0.00	64.93 2.86 0.00	63.46 2.73 0.00	58.14 2.56 0.00	52.00 2.10 0.00	45.06 1.73 0.00
LWR__OSWEGATCHIE_HYD 23850	38.96 -0.04 0.00	36.53 0.04 0.00	32.74 -0.03 0.00	31.69 0.03 0.00	31.62 -0.06 0.00	34.95 0.17 0.00	37.07 0.15 0.00	40.88 0.32 0.00	43.60 0.39 0.00	44.43 0.09 0.00	44.04 0.00 0.00	48.53 -0.10 -0.13	50.97 -0.36 -0.14	51.45 -0.73 -0.09	51.88 -0.74 -0.22	56.44 -0.80 -0.22	56.47 -0.92 0.00	60.05 -0.79 0.00	60.95 -0.55 0.00	61.89 -0.19 0.00	60.78 0.06 0.00	55.81 0.22 0.00	50.35 0.45 0.00	43.89 0.56 0.00
LYONS_FALL_HYD 23570	39.47 0.47 0.00	36.96 0.47 0.00	33.23 0.46 0.00	32.13 0.48 0.00	32.07 0.38 0.00	35.36 0.59 0.00	37.62 0.70 0.00	41.61 1.05 0.00	44.33 1.12 0.00	45.18 0.84 0.00	44.84 0.79 0.00	49.50 0.88 0.00	51.98 0.66 -0.11	52.58 0.41 -0.13	53.18 0.58 -0.08	57.91 0.69 -0.20	57.91 0.52 0.00	61.69 0.85 0.00	62.42 0.92 0.00	63.38 1.31 0.00	62.06 1.33 0.00	56.86 1.28 0.00	51.20 1.30 0.00	44.41 1.08 0.00
MADISON__COUNTY_LFGE 323628	39.54 0.55 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.16 0.51 0.00	32.13 0.44 0.00	35.36 0.59 0.00	37.62 0.70 0.00	41.41 0.85 0.00	44.07 0.86 0.00	45.10 0.75 0.00	44.73 0.75 0.06	49.10 0.83 0.36	51.69 0.77 0.28	52.43 0.68 0.29	52.98 0.84 0.39	57.66 0.97 0.33	57.63 0.86 0.62	61.34 1.10 0.60	62.08 1.11 0.53	62.81 1.24 0.51	61.41 1.15 0.47	56.11 1.06 0.53	50.52 1.00 0.38	43.94 0.82 0.20
MALONE__115KV_TB1 356076	39.39 0.39 0.00	37.00 0.51 0.00	33.00 0.23 0.00	31.94 0.28 0.00	31.91 0.22 0.00	35.26 0.49 0.00	37.22 0.30 0.00	41.04 0.49 0.00	43.73 0.52 0.00	44.70 0.35 0.00	44.22 0.18 0.00	48.77 0.15 0.00	51.30 0.10 0.00	51.99 -0.05 0.00	52.42 -0.11 0.00	56.79 -0.23 0.00	57.28 -0.11 0.00	60.60 -0.24 0.00	61.56 0.06 0.00	62.14 0.06 0.00	60.97 0.24 0.00	55.92 0.33 0.00	50.40 0.50 0.00	44.02 0.69 0.00
MAPLEWOD_115KV_TB3 80458	39.70 0.70 0.00	37.11 0.62 0.00	33.36 0.59 0.00	32.19 0.54 0.00	32.25 0.57 0.00	35.26 0.49 0.00	37.70 0.78 0.00	41.41 0.85 0.00	44.12 0.91 0.00	45.19 0.84 0.00	45.01 0.97 0.00	49.80 1.17 0.00	52.53 1.33 0.00	53.44 1.41 0.00	54.05 1.52 0.00	58.67 1.65 0.00	59.06 1.66 0.00	62.49 1.64 0.00	63.10 1.60 0.00	63.56 1.49 0.00	62.00 1.28 0.00	56.81 1.22 0.00	50.80 0.90 0.00	44.10 0.78 0.00
MAPLE_RIDGE_WT_1 323574	38.84 -0.16 0.00	36.35 -0.15 0.00	32.57 -0.20 0.00	31.47 -0.19 0.00	31.53 -0.16 0.00	34.63 -0.14 0.00	36.77 -0.15 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.21 -0.13 0.00	43.87 -0.18 0.00	48.43 -0.19 0.00	50.95 -0.25 0.00	51.73 -0.31 0.00	52.21 -0.31 0.00	56.68 -0.34 0.00	57.05 -0.34 0.00	60.48 -0.36 0.00	61.13 -0.37 0.00	61.70 -0.37 0.00	60.42 -0.30 0.00	55.31 -0.28 0.00	49.70 -0.20 0.00	43.19 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	38.84 -0.16 0.00	36.35 -0.15 0.00	32.57 -0.20 0.00	31.47 -0.19 0.00	31.53 -0.16 0.00	34.63 -0.14 0.00	36.77 -0.15 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.21 -0.13 0.00	43.87 -0.18 0.00	48.43 -0.19 0.00	50.95 -0.25 0.00	51.73 -0.31 0.00	52.21 -0.31 0.00	56.68 -0.34 0.00	57.05 -0.34 0.00	60.48 -0.36 0.00	61.13 -0.37 0.00	61.70 -0.37 0.00	60.42 -0.30 0.00	55.31 -0.28 0.00	49.70 -0.20 0.00	43.19 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	39.15 0.16 0.00	36.75 0.26 0.00	32.87 0.10 0.00	31.75 0.10 0.00	31.75 0.06 0.00	35.02 0.25 0.00	37.00 0.07 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.34 0.00 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.78 -0.26 0.00	52.16 -0.37 0.00	56.56 -0.46 0.00	57.05 -0.34 0.00	60.35 -0.49 0.00	61.19 -0.31 0.00	61.76 -0.31 0.00	60.60 -0.12 0.00	55.53 -0.06 0.00	50.00 0.10 0.00	43.59 0.26 0.00
MARSHVLE_115KV_TB1 80742	40.48 1.48 0.00	37.88 1.39 0.00	34.02 1.25 0.00	32.79 1.14 0.00	32.89 1.20 0.00	36.09 1.32 0.00	38.47 1.55 0.00	42.10 1.54 0.00	44.72 1.51 0.00	45.67 1.33 0.00	45.45 1.41 0.00	50.43 1.80 0.00	53.20 2.00 0.00	54.12 2.08 0.00	54.79 2.26 0.00	59.53 2.51 0.00	59.69 2.30 0.00	63.70 2.86 0.00	64.51 3.01 0.00	65.17 3.10 0.01	63.69 2.98 0.01	58.24 2.67 0.01	52.30 2.40 0.00	45.23 1.91 0.00
MARSH_HILL_WT_PWR 323713	37.71 -1.29 0.00	35.43 -1.06 0.00	31.89 -0.88 0.00	30.74 -0.92 0.00	30.86 -0.82 0.00	33.98 -0.80 0.00	35.89 -1.03 0.00	39.10 -1.54 -0.09	41.27 -2.03 -0.09	42.39 -1.95 0.00	42.24 -2.16 -0.35	48.92 -2.28 -2.57	53.75 -2.35 -4.90	52.71 -2.45 -3.12	67.28 -2.52 -17.27	65.86 -2.51 -11.35	84.50 -2.70 -29.80	81.57 -2.37 -23.10	63.06 -2.21 -3.77	58.12 -2.42 1.53	56.82 -2.49 1.41	51.55 -2.44 1.59	46.82 -2.05 1.04	41.08 -1.69 0.56
MCINTYRE_115KV_TB2 80467	39.62 0.62 0.00	37.18 0.69 0.00	33.23 0.46 0.00	32.22 0.57 0.00	32.16 0.48 0.00	35.50 0.73 0.00	37.40 0.48 0.00	41.00 0.45 0.00	43.51 0.30 0.00	44.48 0.13 0.00	43.91 -0.13 0.00	48.34 -0.29 0.00	50.84 -0.36 0.00	51.47 -0.57 0.00	51.74 -0.79 0.00	55.99 -1.03 0.00	56.59 -0.80 0.00	59.99 -0.85 0.00	61.07 -0.43 0.00	61.95 -0.12 0.00	61.03 0.30 0.00	56.14 0.56 0.00	50.75 0.85 0.00	44.41 1.08 0.00
MECO____69_KV_BK1 80468	40.91 1.91 0.00	38.32 1.82 0.00	34.41 1.64 0.00	33.14 1.49 0.00	33.27 1.58 0.00	36.44 1.67 0.00	38.88 1.96 0.00	42.46 1.91 0.00	45.11 1.90 0.00	45.98 1.64 0.00	45.76 1.72 0.00	50.77 2.14 0.00	53.61 2.41 0.00	54.54 2.50 0.00	55.26 2.73 0.00	60.04 3.02 0.00	60.38 2.98 0.00	64.43 3.59 0.00	65.31 3.81 0.01	66.04 3.97 0.01	64.48 3.76 0.01	59.02 3.45 0.01	52.90 2.99 0.00	45.75 2.43 0.00

MENANDS__115KV_TB5 355628	39.46 0.47 0.00	36.89 0.40 0.00	33.16 0.39 0.00	32.03 0.38 0.00	32.06 0.38 0.00	35.09 0.31 0.00	37.51 0.59 0.00	41.16 0.61 0.00	43.86 0.65 0.00	44.92 0.58 0.00	44.75 0.70 0.00	49.50 0.88 0.00	52.17 0.97 0.00	53.13 1.09 0.00	53.74 1.21 0.00	58.27 1.25 0.00	58.71 1.32 0.00	62.06 1.22 0.00	62.67 1.17 0.00	63.13 1.06 0.00	61.51 0.79 0.00	56.36 0.78 0.00	50.40 0.50 0.00	43.80 0.48 0.00
MG INDUSTRY__DRP 24185	39.66 0.66 0.00	37.11 0.62 0.00	33.36 0.59 0.00	32.19 0.54 0.00	32.25 0.57 0.00	35.26 0.49 0.00	37.62 0.70 0.00	41.29 0.73 0.00	43.99 0.78 0.00	45.05 0.71 0.00	44.84 0.79 0.00	49.55 0.92 0.00	52.28 1.08 0.00	53.18 1.14 0.00	53.74 1.21 0.00	58.33 1.31 0.00	58.71 1.32 0.00	62.24 1.40 0.00	62.79 1.29 0.00	63.31 1.24 0.00	61.76 1.03 0.00	56.58 1.00 0.00	50.70 0.80 0.00	44.02 0.69 0.00
MID__OSWEGATCHIE_HYD 23849	38.96 -0.04 0.00	36.53 0.04 0.00	32.74 -0.03 0.00	31.69 0.03 0.00	31.62 -0.06 0.00	34.95 0.17 0.00	37.07 0.15 0.00	40.88 0.32 0.00	43.60 0.39 0.00	44.43 0.09 0.00	44.04 0.00 0.00	48.53 -0.10 0.00	50.97 -0.36 -0.13	51.45 -0.73 -0.14	51.88 -0.74 -0.09	56.44 -0.80 -0.22	56.47 -0.92 0.00	60.05 -0.79 0.00	60.95 -0.55 0.00	61.89 -0.19 0.00	60.78 0.06 0.00	55.81 0.22 0.00	50.35 0.45 0.00	43.89 0.56 0.00
MID__RAQUETTE_HYD 23851	38.84 -0.16 0.00	36.45 -0.04 0.00	32.57 -0.20 0.00	31.56 -0.09 0.00	31.49 -0.19 0.00	34.77 0.00 0.00	36.66 -0.26 0.00	40.35 -0.20 0.00	42.99 -0.22 0.00	43.94 -0.40 0.00	43.47 -0.57 0.00	47.90 -0.73 0.00	50.33 -0.87 0.00	50.79 -1.25 0.00	51.00 -1.52 0.00	55.25 -1.77 0.00	55.73 -1.66 0.00	58.96 -1.89 0.00	59.90 -1.60 0.00	60.58 -1.49 0.00	59.57 -1.15 0.00	54.86 -0.72 0.00	49.65 -0.25 0.00	43.58 0.26 0.00
MILLIKEN__1 23584	39.15 0.16 0.00	36.67 0.18 0.00	32.97 0.20 0.00	31.81 0.16 0.00	31.87 0.19 0.00	35.05 0.28 0.00	37.33 0.41 0.00	40.97 0.41 -0.01	43.47 0.26 -0.01	44.57 0.22 0.00	44.15 0.13 0.02	48.74 0.19 0.08	51.66 0.20 -0.26	52.33 0.16 -0.14	53.69 0.16 -1.00	57.95 0.17 -0.77	59.15 0.11 -1.65	62.46 0.43 -1.19	61.86 0.49 0.13	62.20 0.62 0.50	60.69 0.43 0.46	55.45 0.39 0.52	49.95 0.40 0.35	43.48 0.35 0.19
MILLIKEN__2 23585	39.15 0.16 0.00	36.67 0.18 0.00	32.97 0.20 0.00	31.81 0.16 0.00	31.87 0.19 0.00	35.05 0.28 0.00	37.33 0.41 0.00	40.97 0.41 -0.01	43.47 0.26 -0.01	44.57 0.22 0.00	44.15 0.13 0.02	48.74 0.19 0.08	51.66 0.20 -0.26	52.33 0.16 -0.14	53.69 0.16 -1.00	57.95 0.17 -0.77	59.15 0.11 -1.65	62.46 0.43 -1.19	61.86 0.49 0.13	62.20 0.62 0.50	60.69 0.43 0.46	55.45 0.39 0.52	49.95 0.40 0.35	43.48 0.35 0.19
MILLIKEN__DIESEL 23629	39.15 0.16 0.00	36.67 0.18 0.00	32.97 0.20 0.00	31.81 0.16 0.00	31.87 0.19 0.00	35.05 0.28 0.00	37.33 0.41 0.00	40.97 0.41 -0.01	43.47 0.26 -0.01	44.57 0.22 0.00	44.15 0.13 0.02	48.74 0.19 0.08	51.66 0.20 -0.26	52.33 0.16 -0.14	53.69 0.16 -1.00	57.95 0.17 -0.77	59.15 0.11 -1.65	62.46 0.43 -1.19	61.86 0.49 0.13	62.20 0.62 0.50	60.69 0.43 0.46	55.45 0.39 0.52	49.95 0.40 0.35	43.48 0.35 0.19
MILLSEAT__LFGE 323607	35.72 -3.28 0.00	33.79 -2.70 0.00	30.44 -2.33 0.00	29.35 -2.31 0.00	29.59 -2.09 0.00	32.65 -2.12 0.00	34.34 -2.59 0.00	37.22 -3.32 0.01	39.31 -3.89 0.01	40.84 -3.50 0.00	40.54 -3.13 0.37	42.19 -4.23 2.21	44.01 -4.51 2.69	44.88 -4.63 2.52	42.71 -4.78 5.04	47.48 -5.19 4.35	43.96 -5.74 7.70	48.67 -5.60 6.57	52.81 -5.41 3.28	54.27 -5.28 2.52	53.17 -5.22 2.33	47.79 -5.17 2.62	43.92 -4.24 1.74	38.84 -3.55 0.93
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.63 1.64 0.00	37.91 1.42 0.00	34.08 1.31 0.00	32.89 1.23 0.00	32.89 1.20 0.00	35.89 1.11 0.00	38.51 1.59 0.00	42.54 1.99 0.00	45.63 2.42 0.00	46.92 2.57 0.00	46.91 2.86 0.00	51.94 3.31 0.00	54.73 3.53 0.00	55.79 3.75 0.00	56.47 3.94 0.00	61.64 4.62 0.00	61.98 4.59 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.78 4.72 0.01	64.48 3.76 0.01	58.91 3.33 0.01	52.65 2.74 0.00	45.53 2.21 0.00
MILLWOOD_13_KV_LOAD 356217	40.71 1.72 0.00	37.99 1.50 0.00	34.15 1.38 0.00	32.95 1.30 0.00	32.95 1.27 0.00	35.96 1.18 0.00	38.62 1.70 0.00	42.66 2.11 0.00	45.71 2.51 0.00	47.05 2.70 0.00	47.04 2.99 0.00	52.08 3.45 0.00	54.94 3.74 0.00	55.94 3.90 0.00	56.63 4.10 0.00	61.81 4.79 0.00	62.16 4.76 0.00	66.20 5.35 0.00	66.36 4.86 0.00	66.91 4.84 0.01	64.60 3.89 0.01	59.08 3.50 0.01	52.75 2.84 0.00	45.62 2.30 0.00
MODEL_CITY_ENERGY 24167	34.67 -4.33 0.00	32.88 -3.61 0.00	29.66 -3.11 0.00	28.55 -3.10 0.00	28.77 -2.91 0.00	31.68 -3.09 0.00	33.08 -3.84 0.00	35.71 -4.83 0.02	37.79 -5.40 0.02	39.20 -5.14 0.00	38.89 -4.76 0.39	40.26 -6.03 2.33	41.89 -6.40 2.91	42.91 -6.45 2.68	40.21 -6.57 5.75	45.17 -7.02 4.83	40.52 -7.63 9.24	45.35 -7.73 7.76	50.35 -7.69 3.46	51.80 -7.70 2.58	50.69 -7.65 2.38	45.57 -7.34 2.68	42.09 -6.09 1.72	37.33 -5.07 0.92
MODERN_LFGE__ 323580	34.67 -4.33 0.00	32.88 -3.61 0.00	29.66 -3.11 0.00	28.55 -3.10 0.00	28.77 -2.91 0.00	31.68 -3.09 0.00	33.08 -3.84 0.00	35.71 -4.83 0.02	37.79 -5.40 0.02	39.20 -5.14 0.00	38.89 -4.76 0.39	40.26 -6.03 2.33	41.89 -6.40 2.91	42.91 -6.45 2.68	40.21 -6.57 5.75	45.17 -7.02 4.83	40.52 -7.63 9.24	45.35 -7.73 7.76	50.35 -7.69 3.46	51.80 -7.70 2.58	50.69 -7.65 2.38	45.57 -7.34 2.68	42.09 -6.09 1.72	37.33 -5.07 0.92
MOHAWK_PAPER__DRP 24187	39.70 0.70 0.00	37.11 0.62 0.00	33.36 0.59 0.00	32.19 0.54 0.00	32.25 0.57 0.00	35.26 0.49 0.00	37.70 0.78 0.00	41.41 0.85 0.00	44.12 0.91 0.00	45.19 0.84 0.00	45.01 0.97 0.00	49.80 1.17 0.00	52.53 1.33 0.00	53.44 1.41 0.00	54.05 1.52 0.00	58.67 1.65 0.00	59.06 1.66 0.00	62.49 1.64 0.00	63.10 1.60 0.00	63.56 1.49 0.00	62.00 1.28 0.00	56.81 1.22 0.00	50.80 0.90 0.00	44.10 0.78 0.00
MOHICAN__35_KV_115KV_LD 80490	41.10 2.11 0.00	38.50 2.01 0.00	34.54 1.77 0.00	33.24 1.58 0.00	33.40 1.71 0.00	36.51 1.74 0.00	39.14 2.22 0.00	42.91 2.35 0.00	45.80 2.59 0.00	46.78 2.44 0.00	46.33 2.29 0.00	51.55 2.92 0.00	54.17 2.97 0.00	55.01 2.97 0.00	55.73 3.20 0.00	60.32 3.31 0.00	60.72 3.33 0.00	64.43 3.59 0.00	65.50 4.00 0.00	65.98 3.91 0.00	64.85 4.13 0.00	59.42 3.84 0.00	53.10 3.19 0.00	45.92 2.60 0.00
MONGAUP__HYD 23641	40.48 1.48 0.00	37.80 1.31 0.00	33.95 1.18 0.00	32.79 1.14 0.00	32.73 1.04 0.00	35.75 0.97 0.00	38.32 1.40 0.00	42.18 1.62 0.00	45.02 1.81 0.00	46.16 1.82 0.00	45.98 1.94 0.00	50.91 2.29 0.00	53.66 2.46 0.00	54.69 2.65 0.00	55.36 2.83 0.00	60.38 3.36 0.00	60.84 3.44 0.00	64.86 4.01 0.00	65.25 3.75 0.00	66.04 3.98 0.01	63.93 3.22 0.01	58.35 2.78 0.01	52.15 2.25 0.00	45.19 1.86 0.00

MONTAUK___DIESEL 23721	41.65 2.65 0.00	39.01 2.52 0.00	35.26 2.49 0.00	34.00 2.34 0.00	34.00 2.31 0.00	36.93 2.16 0.00	39.73 2.81 0.00	44.12 3.57 0.00	47.57 4.36 0.00	49.22 4.88 0.00	48.98 4.93 0.00	53.63 5.01 0.00	56.57 5.38 0.00	58.12 6.09 0.00	58.98 6.46 0.00	66.41 7.81 -1.59	65.36 7.23 -0.74	69.98 7.48 -1.66	67.28 5.78 0.00	70.17 6.46 -1.65	65.14 4.43 0.01	60.90 4.45 -0.87	51.80 1.90 0.00	45.71 2.38 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.19 -2.81 0.00	34.08 -2.41 0.00	30.67 -2.10 0.00	29.44 -2.22 0.00	29.66 -2.03 0.00	32.62 -2.16 0.00	34.48 -2.44 0.00	37.29 -3.24 0.02	39.47 -3.72 0.02	40.80 -3.55 0.00	39.99 -3.66 0.40	43.01 -3.21 2.41	44.77 -3.33 3.10	45.95 -3.33 2.76	42.47 -3.47 6.59	47.85 -3.82 5.34	44.08 -4.07 9.23	49.16 -3.89 7.79	53.68 -4.24 3.58	54.15 -5.52 2.40	52.73 -5.77 2.22	47.64 -5.45 2.50	43.53 -4.79 1.58	38.49 -3.99 0.85
MORRIS_RIDGE___SOLAR 323848	36.93 -2.07 0.00	34.74 -1.75 0.00	31.26 -1.51 0.00	30.14 -1.52 0.00	30.29 -1.39 0.00	33.31 -1.46 0.00	35.22 -1.70 0.00	38.19 -2.27 0.09	40.44 -2.68 0.09	41.77 -2.57 0.00	40.56 -2.73 0.75	40.78 -2.97 4.88	40.75 -3.12 7.32	43.27 -3.18 5.60	28.53 -3.31 20.69	38.76 -3.54 14.72	19.55 -3.73 34.11	30.05 -3.59 27.20	50.78 -3.50 7.21	56.41 -3.79 1.87	55.17 -3.82 1.73	49.97 -3.67 1.95	45.55 -3.09 1.26	40.05 -2.60 0.67
MORTIMER_115KV_TB3 55949	36.85 -2.14 0.00	34.63 -1.86 0.00	31.16 -1.61 0.00	30.07 -1.58 0.00	30.26 -1.43 0.00	33.24 -1.53 0.00	35.26 -1.66 0.00	38.40 -2.15 0.00	40.74 -2.46 0.00	42.30 -2.04 0.00	42.01 -1.72 0.32	44.05 -2.77 1.81	46.14 -3.07 1.99	46.81 -3.17 2.05	46.38 -3.41 2.73	50.45 -3.76 2.81	49.42 -4.07 3.90	53.23 -4.02 3.60	55.06 -3.75 2.69	56.38 -3.29 2.41	55.22 -3.28 2.23	49.75 -3.33 2.50	45.54 -2.55 1.82	40.18 -2.17 0.97
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.87 1.87 0.00	38.13 1.64 0.00	34.28 1.51 0.00	33.08 1.42 0.00	33.05 1.36 0.00	36.03 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.35 3.30 0.00	52.47 3.84 0.00	55.30 4.10 0.00	56.31 4.27 0.00	56.99 4.46 0.00	62.26 5.25 0.00	62.62 5.22 0.00	66.62 5.78 0.00	66.85 5.35 0.00	67.40 5.34 0.01	65.03 4.31 0.01	59.41 3.84 0.01	53.10 3.19 0.00	45.88 2.56 0.00
MUNSVILLE_WIND_PWR 323609	40.59 1.60 0.00	38.06 1.57 0.00	34.25 1.48 0.00	33.11 1.46 0.00	33.01 1.33 0.00	36.51 1.74 0.00	38.84 1.92 0.00	42.75 2.19 0.00	45.33 2.12 0.00	46.16 1.82 0.00	45.78 1.76 0.03	50.57 2.09 0.15	53.16 1.90 -0.06	53.78 1.77 0.03	55.26 2.15 -0.57	59.84 2.45 -0.37	60.59 2.18 -1.01	64.40 2.86 -0.69	64.17 2.89 0.23	64.68 3.10 0.49	63.24 2.97 0.46	57.79 2.72 0.51	52.10 2.54 0.34	45.35 2.21 0.18
N SALMON___HYD 24042	39.39 0.39 0.00	37.00 0.51 0.00	33.00 0.23 0.00	31.94 0.28 0.00	31.91 0.22 0.00	35.26 0.49 0.00	37.22 0.29 0.00	41.04 0.49 0.00	43.73 0.52 0.00	44.70 0.35 0.00	44.22 0.18 0.00	48.77 0.15 0.00	51.30 0.10 0.00	51.99 -0.05 0.00	52.37 -0.16 0.00	56.79 -0.23 0.00	57.28 -0.11 0.00	60.60 -0.24 0.00	61.56 0.06 0.00	62.14 0.06 0.00	60.97 0.24 0.00	55.92 0.34 0.00	50.40 0.50 0.00	44.01 0.69 0.00
N.AKRON__115KV_KNAPP 355671	35.68 -3.31 0.00	33.72 -2.77 0.00	30.41 -2.36 0.00	29.31 -2.34 0.00	29.53 -2.15 0.00	32.58 -2.19 0.00	34.26 -2.66 0.00	37.13 -3.41 0.02	39.26 -3.93 0.02	40.75 -3.59 0.00	40.36 -3.30 0.38	42.12 -4.28 2.23	43.82 -4.66 2.72	44.71 -4.79 2.55	42.50 -4.89 5.15	47.18 -5.42 4.42	43.67 -5.85 7.87	48.41 -5.72 6.71	52.54 -5.66 3.31	53.96 -5.59 2.53	52.80 -5.59 2.34	47.45 -5.50 2.63	43.82 -4.34 1.74	38.75 -3.64 0.93
N.BELMOR_69_KV_BK1 55787	41.37 2.38 0.00	38.46 1.97 0.00	34.54 1.77 0.00	33.21 1.55 0.00	33.14 1.46 0.00	36.09 1.32 0.00	38.77 1.85 0.00	43.03 2.47 0.00	46.28 3.07 0.00	47.71 3.37 0.00	47.61 3.57 0.00	52.38 3.74 -0.01	55.41 4.20 -0.01	56.84 4.79 -0.01	57.63 5.10 -0.01	72.24 6.27 -8.95	67.90 6.31 -4.19	77.20 7.00 -9.36	67.72 6.21 -0.01	77.98 6.58 -9.33	65.83 5.10 0.00	65.44 4.89 -4.97	52.80 2.89 0.00	46.27 2.95 0.00
N.E._GEN_SANDY PD 24062	39.93 0.93 0.00	37.22 0.73 0.00	33.49 0.72 0.00	32.38 0.73 0.00	32.41 0.73 0.00	35.43 0.66 0.00	37.92 1.00 0.00	41.61 1.05 0.00	44.33 1.12 0.00	45.50 1.15 0.00	45.32 1.28 0.00	50.18 1.56 0.00	52.89 1.69 0.00	53.86 1.82 0.00	54.52 2.00 0.00	59.13 2.11 0.00	59.75 2.35 0.00	63.03 2.19 0.00	63.59 2.09 0.00	64.00 1.93 0.00	62.30 1.58 0.00	57.08 1.50 0.00	51.00 1.10 0.00	44.19 0.87 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.59 1.60 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.85 1.08 0.00	38.44 1.51 0.00	42.50 1.95 0.00	45.54 2.33 0.00	46.83 2.48 0.00	46.82 2.77 0.00	51.84 3.21 0.00	54.63 3.43 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.52 4.50 0.00	61.93 4.53 0.00	65.95 5.11 0.00	66.17 4.67 0.00	66.72 4.66 0.01	64.42 3.70 0.01	58.85 3.28 0.01	52.60 2.69 0.00	45.49 2.17 0.00
N.QUEENS_27_KV_LOAD 356247	41.06 2.07 0.00	38.24 1.75 0.00	34.31 1.54 0.00	33.17 1.52 0.00	33.17 1.49 0.00	35.89 1.11 0.00	38.62 1.70 0.00	42.75 2.19 0.00	45.97 2.77 0.00	47.27 2.93 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.25 4.22 0.00	56.94 4.41 0.00	62.26 5.25 0.00	62.62 5.22 0.00	66.74 5.90 0.00	66.79 5.29 0.00	67.34 5.28 0.01	64.91 4.19 0.01	59.24 3.67 0.01	53.05 3.14 0.00	45.92 2.60 0.00
N.TROY___115KV_TB1 355778	39.93 0.94 0.00	37.26 0.77 0.00	33.52 0.75 0.00	32.35 0.70 0.00	32.41 0.73 0.00	35.47 0.70 0.00	37.92 1.00 0.00	41.57 1.01 0.00	44.29 1.08 0.00	45.36 1.02 0.00	45.15 1.10 0.00	49.99 1.36 0.00	52.69 1.48 0.00	53.60 1.56 0.00	54.26 1.73 0.00	58.84 1.82 0.00	59.34 1.95 0.00	62.67 1.83 0.00	63.41 1.91 0.00	63.81 1.74 0.00	62.24 1.52 0.00	57.08 1.50 0.00	51.00 1.10 0.00	44.23 0.91 0.00
NARROWS_GT1_1 24228	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.55 4.35 0.00	56.56 4.53 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.96 5.57 0.00	66.99 6.14 0.00	67.15 5.65 0.00	67.65 5.59 0.01	65.33 4.61 0.01	59.58 4.00 0.01	53.45 3.54 0.00	46.18 2.86 0.00
NARROWS_GT1_2 24229	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.55 4.35 0.00	56.56 4.53 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.96 5.57 0.00	66.99 6.14 0.00	67.15 5.65 0.00	67.65 5.59 0.01	65.33 4.61 0.01	59.58 4.00 0.01	53.45 3.54 0.00	46.18 2.86 0.00

NARROWS_GT1_3 24230	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT1_4 24231	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT1_5 24232	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT1_6 24233	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT1_7 24234	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT1_8 24235	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_1 24236	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_2 24237	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_3 24238	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_4 24239	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_5 24240	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_6 24241	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_7 24242	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NARROWS_GT2_8 24243	41.10 <u>2.10</u> 0.00	38.31 <u>1.82</u> 0.00	34.38 <u>1.61</u> 0.00	33.14 <u>1.49</u> 0.00	33.14 <u>1.46</u> 0.00	35.99 <u>1.22</u> 0.00	38.69 <u>1.77</u> 0.00	42.83 <u>2.27</u> 0.00	45.98 <u>2.77</u> 0.00	47.32 <u>2.97</u> 0.00	47.48 <u>3.44</u> 0.00	52.71 <u>4.09</u> 0.00	55.55 <u>4.35</u> 0.00	56.56 <u>4.53</u> 0.00	57.26 <u>4.73</u> 0.00	62.49 <u>5.47</u> 0.00	62.96 <u>5.57</u> 0.00	66.99 <u>6.14</u> 0.00	67.15 <u>5.65</u> 0.00	67.65 <u>5.59</u> 0.01	65.33 <u>4.61</u> 0.01	59.58 <u>4.00</u> 0.01	53.45 <u>3.54</u> 0.00	46.18 <u>2.86</u> 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.20 <u>1.21</u> 0.00	37.62 <u>1.13</u> 0.00	33.79 <u>1.02</u> 0.00	32.60 <u>0.95</u> 0.00	32.63 <u>0.95</u> 0.00	35.61 <u>0.83</u> 0.00	38.07 <u>1.14</u> 0.00	41.65 <u>1.10</u> 0.00	44.33 <u>1.12</u> 0.00	45.23 <u>0.89</u> 0.00	44.92 <u>0.88</u> 0.00	49.70 <u>1.07</u> 0.00	52.38 <u>1.18</u> 0.00	53.39 <u>1.35</u> 0.00	54.00 <u>1.47</u> 0.00	58.73 <u>1.71</u> 0.00	59.17 <u>1.78</u> 0.00	62.91 <u>2.07</u> 0.00	63.53 <u>2.03</u> 0.00	64.18 <u>2.11</u> 0.00	62.48 <u>1.76</u> 0.00	57.31 <u>1.72</u> 0.00	51.25 <u>1.35</u> 0.00	44.58 <u>1.26</u> 0.00

NCHELSEA_115KV_TR2 355582	40.79 1.79 0.00	38.06 1.57 0.00	34.21 1.44 0.00	33.05 1.39 0.00	32.98 1.30 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.92 2.57 0.00	46.77 2.73 0.00	51.84 3.21 0.00	54.63 3.43 0.00	55.68 3.64 0.00	56.36 3.83 0.00	61.52 4.50 0.00	61.87 4.48 0.00	65.89 5.05 0.00	66.11 4.61 0.00	66.72 4.66 0.01	64.42 3.70 0.01	58.91 3.33 0.01	52.60 2.69 0.00	45.53 2.21 0.00
NEG CAPITAL___MECHNVIL 23645	40.48 1.48 0.00	37.84 1.35 0.00	34.01 1.24 0.00	32.79 1.14 0.00	32.89 1.20 0.00	35.96 1.18 0.00	38.47 1.55 0.00	42.18 1.62 0.00	44.98 1.77 0.00	46.03 1.68 0.00	45.81 1.76 0.00	50.82 2.19 0.00	53.56 2.36 0.00	54.49 2.45 0.00	55.15 2.63 0.00	59.75 2.74 0.00	60.20 2.81 0.00	63.76 2.92 0.00	64.45 2.95 0.00	64.93 2.86 0.00	63.46 2.74 0.00	58.14 2.56 0.00	52.00 2.10 0.00	45.01 1.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.58 -2.42 0.00	34.34 -2.15 0.00	30.90 -1.87 0.00	29.85 -1.80 0.00	29.97 -1.71 0.00	32.96 -1.81 0.00	35.00 -1.92 0.00	38.25 -2.31 0.00	40.62 -2.59 0.00	42.08 -2.26 0.00	41.84 -1.94 0.27	44.20 -2.92 1.52	46.41 -3.17 1.62	47.05 -3.28 1.72	47.06 -3.52 1.95	51.03 -3.82 2.17	50.52 -4.19 2.68	54.06 -4.20 2.58	55.31 -3.94 2.26	56.47 -3.47 2.13	55.23 -3.52 1.97	49.87 -3.50 2.22	45.39 -2.90 1.62	39.99 -2.47 0.87
NEG CENTRAL___DRP 24199	38.41 -0.58 0.00	35.98 -0.51 0.00	32.34 -0.43 0.00	31.21 -0.44 0.00	31.30 -0.38 0.00	34.43 -0.35 0.00	36.66 -0.26 0.00	40.16 -0.41 -0.01	42.61 -0.60 -0.01	43.86 -0.49 0.00	43.46 -0.53 0.06	47.66 -0.68 0.29	50.55 -0.72 -0.06	51.07 -0.88 0.09	52.41 -1.00 -0.88	56.32 -1.25 -0.55	57.53 -1.38 -1.52	60.64 -1.22 -1.01	60.15 -0.92 0.43	60.39 -0.87 0.81	58.94 -1.03 0.75	53.68 -1.06 0.85	48.59 -0.70 0.61	42.39 -0.61 0.33
NEG CENTRAL___INDECK 23768	38.10 -0.90 0.00	35.83 -0.66 0.00	32.24 -0.53 0.00	31.12 -0.54 0.00	31.31 -0.38 0.00	34.46 -0.31 0.00	36.52 -0.41 0.00	39.74 -0.89 -0.07	41.81 -1.47 -0.07	43.01 -1.33 0.00	42.84 -1.41 -0.20	48.19 -2.09 -1.65	52.49 -2.20 -3.49	51.77 -2.24 -1.96	63.92 -2.31 -13.70	63.31 -2.34 -8.63	78.81 -2.52 -23.94	77.11 -2.13 -18.39	62.30 -1.60 -2.40	59.08 -1.06 1.94	57.95 -0.97 1.80	52.34 -1.22 2.02	47.61 -0.90 1.39	41.80 -0.78 0.75
NEG CENTRAL___SENECA 23627	38.22 -0.78 0.00	35.87 -0.62 0.00	32.25 -0.52 0.00	31.12 -0.54 0.00	31.24 -0.44 0.00	34.36 -0.42 0.00	36.55 -0.37 0.00	40.00 -0.57 -0.01	42.44 -0.78 -0.01	43.68 -0.67 0.00	43.27 -0.66 0.11	47.19 -0.88 0.56	50.01 -0.97 0.22	50.35 -1.20 0.49	52.35 -1.31 -1.14	55.61 -1.77 -0.36	57.74 -1.89 -2.25	60.65 -1.64 -1.45	59.43 -1.23 0.84	59.38 -1.24 1.45	57.98 -1.40 1.34	52.68 -1.39 1.51	47.97 -0.85 1.08	42.01 -0.74 0.58
NEG CENTRAL___STATE_STREET 24147	38.68 -0.31 0.00	36.20 -0.29 0.00	32.54 -0.23 0.00	31.40 -0.25 0.00	31.49 -0.19 0.00	34.60 -0.17 0.00	36.85 -0.07 0.00	40.40 -0.16 0.00	42.91 -0.30 0.00	44.12 -0.22 0.00	43.80 -0.26 -0.02	48.40 -0.34 -0.11	51.30 -0.36 -0.46	52.06 -0.42 -0.43	52.83 -0.47 -0.77	57.38 -0.51 -0.88	57.76 -0.63 -1.00	61.14 -0.49 -0.79	61.30 -0.37 -0.17	61.76 -0.31 0.00	60.30 -0.43 0.00	55.14 -0.44 0.00	49.60 -0.30 0.00	43.02 -0.30 0.00
NEG MILLWOOD___DRP 24198	40.91 1.91 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.13 1.36 0.00	38.80 1.88 0.00	42.83 2.27 0.00	45.93 2.72 0.00	47.27 2.93 0.00	47.22 3.17 0.00	52.32 3.70 0.00	55.19 3.99 0.00	56.25 4.22 0.00	56.84 4.31 0.00	62.03 5.02 0.00	62.39 4.99 0.00	66.44 5.60 0.00	66.60 5.10 0.00	67.09 5.03 0.01	64.79 4.07 0.01	59.30 3.72 0.01	52.95 3.04 0.00	45.79 2.47 0.00
NEG NORTH_FLCN_SEA 23793	39.58 0.58 0.00	37.18 0.69 0.00	33.20 0.43 0.00	32.10 0.44 0.00	32.10 0.41 0.00	35.43 0.66 0.00	37.40 0.48 0.00	41.20 0.65 0.00	43.90 0.69 0.00	44.65 0.31 0.00	44.22 0.18 0.00	48.77 0.15 0.00	51.41 0.20 0.00	52.14 0.10 0.00	52.58 0.05 0.00	56.96 -0.06 0.00	57.45 0.06 0.00	60.78 -0.06 0.00	61.62 0.12 0.00	62.20 0.12 0.00	61.03 0.30 0.00	55.92 0.33 0.00	50.35 0.45 0.00	43.89 0.56 0.00
NEG NORTH_KES_CHATEGAY 23792	39.23 0.23 0.00	36.82 0.33 0.00	32.90 0.13 0.00	31.81 0.16 0.00	31.81 0.13 0.00	35.09 0.31 0.00	37.03 0.11 0.00	40.72 0.16 0.00	43.34 0.13 0.00	44.30 -0.04 0.00	43.87 -0.18 0.00	48.39 -0.24 0.00	50.94 -0.26 0.00	51.73 -0.31 0.00	52.11 -0.42 0.00	56.50 -0.51 0.00	56.99 -0.40 0.00	60.36 -0.49 0.00	61.25 -0.25 0.00	61.95 -0.12 0.00	60.78 0.06 0.00	55.69 0.11 0.00	50.15 0.25 0.00	43.67 0.35 0.00
NEG NORTH___ALICE_FALLS 23915	39.66 0.66 0.00	37.26 0.77 0.00	33.26 0.49 0.00	32.16 0.51 0.00	32.16 0.48 0.00	35.50 0.73 0.00	37.48 0.55 0.00	41.29 0.73 0.00	43.94 0.73 0.00	44.74 0.40 0.00	44.26 0.22 0.00	48.87 0.24 0.00	51.46 0.26 0.00	52.20 0.16 0.00	52.63 0.11 0.00	57.07 0.06 0.00	57.57 0.17 0.00	60.96 0.12 0.00	61.87 0.37 0.00	62.45 0.37 0.00	61.21 0.49 0.00	56.08 0.50 0.00	50.50 0.60 0.00	44.06 0.74 0.00
NEG NORTH___LWR_SARANAC 23913	39.66 0.66 0.00	37.26 0.77 0.00	33.26 0.49 0.00	32.16 0.51 0.00	32.16 0.48 0.00	35.50 0.73 0.00	37.48 0.55 0.00	41.29 0.73 0.00	43.94 0.73 0.00	44.74 0.40 0.00	44.26 0.22 0.00	48.87 0.24 0.00	51.46 0.26 0.00	52.20 0.16 0.00	52.63 0.11 0.00	57.07 0.06 0.00	57.57 0.17 0.00	60.96 0.12 0.00	61.87 0.37 0.00	62.45 0.37 0.00	61.21 0.49 0.00	56.08 0.50 0.00	50.50 0.60 0.00	44.06 0.74 0.00
NEG NORTH___PLATTSBURG 23628	39.66 0.66 0.00	37.26 0.77 0.00	33.26 0.49 0.00	32.16 0.50 0.00	32.16 0.48 0.00	35.50 0.73 0.00	37.48 0.55 0.00	41.29 0.73 0.00	43.94 0.73 0.00	44.74 0.40 0.00	44.27 0.22 0.00	48.87 0.24 0.00	51.46 0.26 0.00	52.14 0.10 0.00	52.63 0.11 0.00	57.07 0.06 0.00	57.57 0.17 0.00	60.96 0.12 0.00	61.87 0.37 0.00	62.45 0.37 0.00	61.21 0.48 0.00	56.08 0.50 0.00	50.50 0.60 0.00	44.06 0.74 0.00
NEG WEST_LEA_LOCKPORT 23791	34.98 -4.02 0.00	33.10 -3.39 0.00	29.85 -2.92 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.96 -2.82 0.00	33.52 -3.40 0.00	36.24 -4.30 0.02	38.31 -4.88 0.02	39.73 -4.61 0.00	39.38 -4.27 0.39	40.95 -5.35 2.33	42.56 -5.73 2.91	43.49 -5.88 2.67	40.77 -5.99 5.76	45.57 -6.61 4.84	41.41 -7.06 8.92	46.26 -7.06 7.53	51.09 -6.95 3.46	52.44 -7.08 2.55	51.38 -6.98 2.36	46.20 -6.73 2.66	42.74 -5.44 1.72	37.85 -4.55 0.92
NEG WEST___LANCASTR 23811	35.41 -3.59 0.00	33.35 -3.14 0.00	30.12 -2.65 0.00	29.03 -2.63 0.00	29.18 -2.50 0.00	32.10 -2.68 0.00	33.89 -3.03 0.00	36.88 -3.65 0.02	39.08 -4.10 0.02	40.04 -4.30 0.00	38.50 -5.15 0.39	43.61 -2.67 2.34	45.65 -2.56 2.99	46.77 -2.60 2.67	43.53 -2.73 6.27	48.88 -3.02 5.12	46.11 -3.27 8.01	50.95 -3.04 6.85	53.29 -4.74 3.48	52.36 -7.32 2.39	51.04 -7.47 2.21	46.26 -6.84 2.49	41.79 -6.54 1.58	36.98 -5.50 0.85

NEG_PENN_ALLEGHNY 23528	38.61 -0.39 0.00	36.16 -0.33 0.00	32.54 -0.23 0.00	31.40 -0.25 0.00	31.46 -0.22 0.00	34.57 -0.21 0.00	36.77 -0.15 0.00	40.68 0.12 0.00	43.30 0.09 0.00	44.48 0.13 0.00	44.08 0.09 0.05	48.71 0.34 0.26	51.53 0.41 0.08	52.30 0.41 0.15	53.15 0.37 -0.25	57.65 0.51 -0.13	58.25 0.35 -0.51	61.67 0.55 -0.28	61.48 0.37 0.39	61.72 0.25 0.60	60.17 0.00 0.56	54.90 -0.06 0.63	49.44 -0.05 0.41	43.06 -0.04 0.22
NEG___GEN_MONROE 24207	36.73 -2.26 0.00	34.48 -2.01 0.00	31.03 -1.74 0.00	29.95 -1.71 0.00	30.13 -1.55 0.00	33.17 -1.60 0.00	35.15 -1.77 0.00	38.24 -2.31 0.00	40.48 -2.72 0.00	41.99 -2.35 0.00	41.70 -2.03 0.32	43.74 -3.06 1.83	45.79 -3.38 2.03	46.48 -3.49 2.08	45.93 -3.73 2.87	49.96 -4.16 2.89	48.85 -4.42 4.12	52.69 -4.38 3.77	54.72 -4.06 2.72	56.06 -3.60 2.42	54.91 -3.58 2.24	49.46 -3.61 2.51	45.35 -2.74 1.81	40.10 -2.25 0.97
NEPA___ENERGY 23901	35.88 -3.12 0.00	33.79 -2.70 0.00	30.51 -2.26 0.00	29.41 -2.25 0.00	29.56 -2.12 0.00	32.51 -2.26 0.00	34.30 -2.62 0.00	36.96 -3.57 0.02	39.08 -4.10 0.02	40.35 -3.99 0.00	39.51 -4.14 0.40	42.40 -3.84 2.39	44.13 -3.99 3.07	45.25 -4.06 2.73	41.90 -4.10 6.53	47.28 -4.45 5.29	43.48 -4.59 9.33	48.55 -4.44 7.85	53.16 -4.80 3.55	53.78 -5.90 2.39	52.44 -6.07 2.21	47.31 -5.78 2.49	43.24 -5.09 1.57	38.28 -4.20 0.84
NEVERSINK___HYD 23608	40.48 1.48 0.00	37.77 1.28 0.00	33.95 1.18 0.00	32.79 1.14 0.00	32.70 1.01 0.00	35.75 0.97 0.00	38.29 1.37 0.00	42.26 1.70 0.00	45.28 2.07 0.00	46.43 2.08 0.00	46.29 2.25 0.00	51.25 2.62 0.00	53.96 2.76 0.00	55.00 2.96 0.00	55.73 3.20 0.00	60.78 3.76 0.00	61.18 3.79 0.00	65.23 4.38 0.00	65.50 4.00 0.00	66.22 4.16 0.01	64.05 3.34 0.01	58.46 2.89 0.01	52.25 2.35 0.00	45.23 1.90 0.00
NEWKRMKL_115KV_TB1 55635	39.31 0.31 0.00	36.78 0.29 0.00	33.06 0.29 0.00	31.91 0.25 0.00	31.97 0.29 0.00	34.95 0.17 0.00	37.36 0.44 0.00	41.00 0.45 0.00	43.73 0.52 0.00	44.79 0.44 0.00	44.62 0.57 0.00	49.31 0.68 0.00	52.02 0.82 0.00	52.92 0.88 0.00	53.53 1.00 0.00	58.10 1.08 0.00	58.48 1.09 0.00	61.88 1.03 0.00	62.42 0.92 0.00	62.88 0.81 0.00	61.33 0.61 0.00	56.14 0.56 0.00	50.25 0.35 0.00	43.67 0.35 0.00
NEWTON___FALLS_HYD 23847	38.96 -0.04 0.00	36.53 0.04 0.00	32.74 -0.03 0.00	31.69 0.03 0.00	31.62 -0.06 0.00	34.95 0.17 0.00	37.07 0.15 0.00	40.88 0.32 0.00	43.60 0.39 0.00	44.43 0.09 0.00	44.04 0.00 0.00	48.53 -0.10 0.00	50.97 -0.36 -0.13	51.45 -0.73 -0.14	51.88 -0.74 -0.09	56.44 -0.80 -0.22	56.47 -0.92 0.00	60.05 -0.79 0.00	60.95 -0.55 0.00	61.89 -0.19 0.00	60.78 0.06 0.00	55.81 0.22 0.00	50.35 0.45 0.00	43.89 0.56 0.00
NGRID_A1_DSASP 323792	34.24 -4.76 0.00	32.37 -4.12 0.00	29.20 -3.57 0.00	28.14 -3.51 0.00	28.33 -3.36 0.00	31.16 -3.62 0.00	32.82 -4.10 0.00	35.35 -5.19 0.02	37.40 -5.79 0.02	38.85 -5.50 0.00	38.54 -5.11 0.40	39.69 -6.56 2.37	41.91 -6.35 2.95	42.15 -7.18 2.70	39.36 -7.30 5.87	44.12 -7.98 4.91	39.41 -8.38 9.61	44.28 -8.52 8.05	50.49 -7.50 3.51	50.93 -8.50 2.64	49.90 -8.38 2.45	44.83 -8.00 2.75	41.79 -6.39 1.73	37.11 -5.29 0.93
NGRID_A2_DSASP 323793	34.24 -4.76 0.00	32.37 -4.12 0.00	29.20 -3.57 0.00	28.14 -3.51 0.00	28.33 -3.36 0.00	31.16 -3.62 0.00	32.82 -4.10 0.00	35.35 -5.19 0.02	37.40 -5.79 0.02	38.85 -5.50 0.00	38.54 -5.11 0.40	39.69 -6.56 2.37	41.91 -6.35 2.95	42.15 -7.18 2.70	39.36 -7.30 5.87	44.12 -7.98 4.91	39.41 -8.38 9.61	44.28 -8.52 8.05	50.49 -7.50 3.51	50.93 -8.50 2.64	49.90 -8.38 2.45	44.83 -8.00 2.75	41.79 -6.39 1.73	37.11 -5.29 0.93
NGRID_A4_DSASP 323807	34.24 -4.76 0.00	32.37 -4.12 0.00	29.20 -3.57 0.00	28.14 -3.51 0.00	28.33 -3.36 0.00	31.16 -3.62 0.00	32.82 -4.10 0.00	35.35 -5.19 0.02	37.40 -5.79 0.02	38.85 -5.50 0.00	38.54 -5.11 0.40	39.69 -6.56 2.37	41.91 -6.35 2.95	42.15 -7.18 2.70	39.36 -7.30 5.87	44.12 -7.98 4.91	39.41 -8.38 9.61	44.28 -8.52 8.05	50.49 -7.50 3.51	50.93 -8.50 2.64	49.90 -8.38 2.45	44.83 -8.00 2.75	41.79 -6.39 1.73	37.11 -5.29 0.93
NIAGARA_115E_LBMP 323715	34.51 -4.48 0.00	32.73 -3.76 0.00	29.53 -3.24 0.00	28.46 -3.20 0.00	28.67 -3.01 0.00	31.50 -3.27 0.00	32.82 -4.10 0.00	35.39 -5.15 0.02	37.44 -5.75 0.02	38.89 -5.46 0.00	38.59 -5.06 0.39	39.85 -6.42 2.35	41.45 -6.81 2.94	42.47 -6.87 2.70	39.73 -6.93 5.87	44.70 -7.41 4.91	39.70 -8.09 9.61	44.65 -8.15 8.05	49.77 -8.24 3.49	51.29 -8.19 2.59	50.19 -8.14 2.40	45.11 -7.78 2.69	41.70 -6.49 1.71	36.99 -5.42 0.92
NIAGARA_115W_LBMP 323714	34.20 -4.80 0.00	32.30 -4.20 0.00	29.13 -3.64 0.00	28.08 -3.58 0.00	28.26 -3.42 0.00	31.09 -3.69 0.00	32.75 -4.17 0.00	35.27 -5.27 0.02	37.31 -5.88 0.02	38.76 -5.59 0.00	38.54 -5.11 0.40	39.60 -6.66 2.37	41.91 -6.35 2.94	42.16 -7.18 2.70	39.31 -7.35 5.87	44.19 -7.92 4.91	39.35 -8.44 9.61	44.22 -8.58 8.05	50.61 -7.38 3.51	51.04 -8.38 2.65	49.96 -8.32 2.45	44.93 -7.89 2.76	41.68 -6.49 1.73	37.02 -5.37 0.93
NIAGARA_230_LBMP 323716	34.82 -4.17 0.00	32.88 -3.61 0.00	29.69 -3.08 0.00	28.58 -3.07 0.00	28.80 -2.88 0.00	31.64 -3.13 0.00	33.30 -3.62 0.00	35.91 -4.62 0.02	38.00 -5.19 0.02	39.42 -4.92 0.00	39.16 -4.49 0.39	40.44 -5.84 2.35	42.08 -6.20 2.92	43.01 -6.35 2.68	40.01 -6.67 5.85	45.00 -7.13 4.89	40.17 -7.63 9.59	45.09 -7.73 8.03	50.64 -7.38 3.48	52.11 -7.26 2.70	51.00 -7.23 2.50	45.82 -6.95 2.81	42.46 -5.69 1.75	37.62 -4.77 0.94
NIAGARA___115KV_198_GIBSON 55903	34.16 -4.84 0.00	32.29 -4.20 0.00	29.13 -3.64 0.00	28.08 -3.58 0.00	28.26 -3.42 0.00	31.09 -3.69 0.00	32.75 -4.17 0.00	35.27 -5.27 0.02	37.31 -5.88 0.02	38.71 -5.63 0.00	38.45 -5.20 0.40	39.60 -6.66 2.37	41.91 -6.35 2.94	42.05 -7.29 2.70	39.25 -7.41 5.87	44.01 -8.10 4.91	39.29 -8.49 9.61	44.22 -8.58 8.05	50.49 -7.50 3.51	50.80 -8.63 2.65	49.77 -8.50 2.45	44.71 -8.12 2.76	41.68 -6.49 1.73	37.02 -5.37 0.93
NIAGARA____ 23760	34.82 -4.17 0.00	32.88 -3.61 0.00	29.69 -3.08 0.00	28.58 -3.07 0.00	28.80 -2.88 0.00	31.64 -3.13 0.00	33.30 -3.62 0.00	35.91 -4.62 0.02	38.00 -5.19 0.02	39.42 -4.92 0.00	39.16 -4.49 0.40	40.44 -5.84 2.36	42.07 -6.20 2.93	42.99 -6.35 2.69	40.00 -6.67 5.85	44.99 -7.13 4.89	40.17 -7.63 9.59	45.08 -7.73 8.03	50.63 -7.38 3.49	52.16 -7.26 2.65	51.04 -7.23 2.46	45.88 -6.95 2.75	42.49 -5.69 1.73	37.63 -4.77 0.92
NINE_MILE_1 23575	37.75 -1.25 0.00	35.36 -1.13 0.00	31.75 -1.02 0.00	30.67 -0.98 0.00	30.70 -0.98 0.00	33.73 -1.04 0.00	35.85 -1.07 0.00	39.30 -1.26 0.00	41.78 -1.42 0.00	42.92 -1.42 0.00	40.39 -1.50 2.16	34.69 -1.75 12.19	34.57 -1.84 14.79	34.30 -1.92 15.81	33.74 -1.94 16.84	34.34 -2.11 20.57	33.98 -2.18 21.23	38.14 -2.19 20.52	41.18 -2.15 18.17	42.59 -2.11 17.38	42.46 -2.18 16.08	35.51 -2.00 18.07	35.07 -1.79 13.04	34.77 -1.56 6.99

NINE_MILE_2 23744	37.75 -1.25 0.00	35.36 -1.13 0.00	31.75 -1.02 0.00	30.67 -0.98 0.00	30.73 -0.95 0.00	33.73 -1.04 0.00	35.85 -1.07 0.00	39.30 -1.26 0.00	41.82 -1.38 0.00	42.92 -1.42 0.00	40.36 -1.50 2.19	34.53 -1.75 12.35	34.38 -1.84 14.98	34.14 -1.87 16.02	33.52 -1.94 17.06	34.06 -2.11 20.84	33.70 -2.18 21.51	37.87 -2.19 20.78	40.94 -2.15 18.40	42.36 -2.11 17.60	42.25 -2.18 16.29	35.27 -2.00 18.31	34.90 -1.79 13.21	34.68 -1.56 7.09
NM_CAPITAL___DRP 24208	39.39 0.39 0.00	36.82 0.33 0.00	33.10 0.33 0.00	31.97 0.32 0.00	32.00 0.32 0.00	35.02 0.24 0.00	37.44 0.52 0.00	41.08 0.53 0.00	43.77 0.56 0.00	44.83 0.49 0.00	44.66 0.62 0.00	49.36 0.73 0.00	52.07 0.87 0.00	52.98 0.94 0.00	53.58 1.05 0.00	58.16 1.14 0.00	58.60 1.21 0.00	61.94 1.10 0.00	62.55 1.05 0.00	62.94 0.87 0.00	61.39 0.67 0.00	56.25 0.67 0.00	50.30 0.40 0.00	43.71 0.39 0.00
NM_CENTRAL___DRP 24181	38.37 -0.62 0.00	35.94 -0.55 0.00	32.28 -0.49 0.00	31.18 -0.47 0.00	31.24 -0.44 0.00	34.32 -0.45 0.00	36.52 -0.41 0.00	40.07 -0.49 0.00	42.65 -0.56 0.00	43.86 -0.49 0.00	43.40 -0.53 0.12	47.32 -0.63 0.68	49.99 -0.67 0.55	50.74 -0.73 0.57	51.04 -0.74 0.75	55.56 -0.80 0.66	55.29 -0.92 1.18	58.79 -0.91 1.14	59.56 -0.92 1.01	60.23 -0.87 0.97	58.86 -0.97 0.90	53.63 -0.94 1.01	48.38 -0.80 0.73	42.20 -0.74 0.39
NM_FRONTIER___DRP 24179	34.16 -4.84 0.00	32.29 -4.20 0.00	29.13 -3.64 0.00	28.08 -3.58 0.00	28.26 -3.42 0.00	31.09 -3.69 0.00	32.75 -4.17 0.00	35.27 -5.27 0.02	37.31 -5.88 0.02	38.71 -5.63 0.00	38.45 -5.20 0.40	39.60 -6.66 2.37	41.91 -6.35 2.94	42.05 -7.29 2.70	39.25 -7.41 5.87	44.01 -8.10 4.91	39.29 -8.49 9.61	44.22 -8.58 8.05	50.49 -7.50 3.51	50.80 -8.63 2.65	49.77 -8.50 2.45	44.71 -8.12 2.76	41.68 -6.49 1.73	37.02 -5.37 0.93
NM_ST_REGIS___HYD 24053	39.00 0.00 0.00	36.60 0.11 0.00	32.70 -0.07 0.00	31.69 0.03 0.00	31.65 -0.03 0.00	34.95 0.17 0.00	36.85 -0.07 0.00	40.56 0.00 0.00	43.21 0.00 0.00	44.17 -0.18 0.00	43.69 -0.35 0.00	48.14 -0.49 0.00	50.59 -0.61 0.00	51.15 -0.88 0.00	51.42 -1.10 0.00	55.65 -1.37 0.00	56.13 -1.26 0.00	59.44 -1.40 0.00	60.33 -1.17 0.00	61.02 -1.06 0.00	60.00 -0.73 0.00	55.19 -0.39 0.00	49.90 0.00 0.00	43.76 0.43 0.00
NORTHPORT___1 23551	41.22 2.22 0.00	38.17 1.68 0.00	34.44 1.67 0.00	33.11 1.46 0.00	33.05 1.36 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.45 3.10 0.00	47.26 3.21 0.00	51.59 2.97 0.01	54.52 3.33 0.01	56.04 4.01 0.01	56.83 4.31 0.01	63.66 5.30 -1.34	63.41 5.39 -0.62	68.08 5.84 -1.40	66.66 5.17 0.01	68.98 5.52 -1.39	65.09 4.37 0.01	60.32 4.00 -0.73	51.90 2.00 0.00	45.97 2.64 0.00
NORTHPORT___2 23552	41.22 2.22 0.00	38.17 1.68 0.00	34.44 1.67 0.00	33.11 1.46 0.00	33.05 1.36 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.45 3.10 0.00	47.26 3.21 0.00	51.59 2.97 0.01	54.52 3.33 0.01	56.04 4.01 0.01	56.83 4.31 0.01	63.66 5.30 -1.34	63.41 5.39 -0.62	68.08 5.84 -1.40	66.66 5.17 0.01	68.98 5.52 -1.39	65.09 4.37 0.01	60.32 4.00 -0.73	51.90 2.00 0.00	45.97 2.64 0.00
NORTHPORT___3 23553	41.22 2.22 0.00	38.17 1.68 0.00	34.41 1.64 0.00	33.08 1.43 0.00	33.01 1.33 0.00	35.92 1.15 0.00	38.54 1.62 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.45 3.10 0.00	47.26 3.21 0.00	51.59 2.97 0.01	54.52 3.33 0.01	56.04 4.01 0.01	56.83 4.31 0.01	63.65 5.30 -1.33	63.41 5.39 -0.62	68.08 5.84 -1.39	66.60 5.10 0.01	68.92 5.46 -1.38	65.09 4.37 0.01	60.32 4.00 -0.73	51.90 2.00 0.00	45.97 2.64 0.00
NORTHPORT___4 23650	41.22 2.22 0.00	38.17 1.68 0.00	34.41 1.64 0.00	33.08 1.43 0.00	33.01 1.33 0.00	35.92 1.15 0.00	38.54 1.62 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.45 3.10 0.00	47.26 3.21 0.00	51.59 2.97 0.01	54.52 3.33 0.01	56.04 4.01 0.01	56.83 4.31 0.01	63.65 5.30 -1.33	63.41 5.39 -0.62	68.08 5.84 -1.39	66.60 5.10 0.01	68.92 5.46 -1.38	65.09 4.37 0.01	60.32 4.00 -0.73	51.90 2.00 0.00	45.97 2.64 0.00
NORTHPORT___IC 23718	41.22 2.22 0.00	38.32 1.82 0.00	34.44 1.67 0.00	33.11 1.46 0.00	33.05 1.36 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.83 2.27 0.00	45.97 2.77 0.00	47.45 3.10 0.00	47.26 3.22 0.00	51.54 2.92 0.01	54.52 3.33 0.01	56.04 4.01 0.01	56.83 4.31 0.01	63.83 5.47 -1.34	63.41 5.39 -0.62	68.20 5.96 -1.40	66.60 5.10 0.01	69.05 5.59 -1.39	64.78 4.07 0.01	60.37 4.06 -0.73	51.90 2.00 0.00	45.97 2.64 0.00
NORTH___COUNTRY_ESR 323785	39.15 0.16 0.00	36.75 0.26 0.00	32.87 0.10 0.00	31.75 0.10 0.00	31.75 0.06 0.00	35.02 0.25 0.00	36.96 0.04 0.00	40.72 0.16 0.00	43.38 0.17 0.00	44.34 0.00 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.78 -0.26 0.00	52.21 -0.31 0.00	56.62 -0.40 0.00	57.05 -0.34 0.00	60.42 -0.42 0.00	61.19 -0.31 0.00	61.83 -0.25 0.00	60.66 -0.06 0.00	55.58 0.00 0.00	50.05 0.15 0.00	43.59 0.26 0.00
NPX_GEN_1385_PROXY 323591	41.22 2.22 0.00	37.91 1.42 0.00	34.44 1.67 0.00	33.11 1.46 0.00	33.05 1.36 0.00	35.92 1.15 0.00	38.32 1.40 0.00	42.54 1.99 0.00	45.45 2.25 0.00	46.91 2.57 0.00	46.73 2.69 0.00	51.15 2.53 0.01	53.91 2.71 0.01	55.41 3.38 0.01	56.20 3.68 0.01	62.80 4.45 -1.34	62.89 4.88 -0.62	67.11 4.87 -1.40	66.23 4.74 0.01	68.55 5.09 -1.39	64.66 3.94 0.01	59.98 3.67 -0.73	51.60 1.70 0.00	45.62 2.29 0.00
NPX_GEN_CSC 323557	41.06 2.07 0.00	38.24 1.75 0.00	34.54 1.77 0.00	33.17 1.52 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.47 1.55 0.00	42.62 2.07 0.00	45.76 2.55 0.00	47.27 2.93 0.00	47.04 3.00 0.00	51.54 2.92 0.00	54.52 3.33 0.00	56.10 4.06 0.00	56.94 4.41 0.00	64.02 5.42 -1.58	63.58 5.46 -0.74	68.34 5.84 -1.65	66.54 5.04 0.00	69.18 5.46 -1.64	64.90 4.19 0.01	60.40 3.95 -0.87	51.70 1.79 0.00	45.70 2.38 0.00
NSINS_S___GLNS_FALLS 23858	41.14 2.14 0.00	38.50 2.01 0.00	34.57 1.80 0.00	33.27 1.61 0.00	33.43 1.74 0.00	36.55 1.77 0.00	39.14 2.22 0.00	42.95 2.39 0.00	45.89 2.68 0.00	46.83 2.48 0.00	46.33 2.29 0.00	51.59 2.97 0.00	54.22 3.02 0.00	55.01 2.97 0.00	55.73 3.20 0.00	60.32 3.31 0.00	60.72 3.33 0.00	64.43 3.59 0.00	65.56 4.06 0.00	66.05 3.97 0.00	64.91 4.19 0.00	59.47 3.89 0.00	53.15 3.24 0.00	45.97 2.64 0.00
NUCOR_STEEL___DRP 24197	38.72 -0.27 0.00	36.31 -0.18 0.00	32.64 -0.13 0.00	31.50 -0.16 0.00	31.56 -0.13 0.00	34.67 -0.10 0.00	36.92 0.00 0.00	40.47 -0.08 0.00	42.99 -0.22 0.00	44.17 -0.18 0.00	43.82 -0.22 0.00	48.34 -0.29 0.00	51.18 -0.31 -0.29	51.94 -0.42 -0.32	52.25 -0.47 -0.19	57.01 -0.51 -0.51	56.76 -0.63 0.00	60.36 -0.49 0.00	61.07 -0.43 0.00	61.76 -0.31 0.00	60.30 -0.43 0.00	55.14 -0.44 0.00	49.60 -0.30 0.00	43.06 -0.26 0.00

NUMBER_THREE_WT_PWR 323818	39.47 0.47 0.00	37.00 0.51 0.00	33.23 0.46 0.00	32.13 0.48 0.00	32.07 0.38 0.00	35.43 0.66 0.00	37.62 0.70 0.00	41.57 1.01 0.00	44.29 1.08 0.00	45.10 0.75 0.00	44.75 0.70 0.00	49.31 0.68 0.00	51.75 0.41 -0.14	52.31 0.10 -0.16	52.89 0.26 -0.10	57.62 0.34 -0.26	57.57 0.17 0.00	61.33 0.48 0.00	62.18 0.68 0.00	63.19 1.12 0.00	61.94 1.21 0.00	56.80 1.22 0.00	51.20 1.30 0.00	44.45 1.12 0.00
NYISO_LBMP_REFERENCE 24008	39.00 0.00 0.00	36.49 0.00 0.00	32.77 0.00 0.00	31.65 0.00 0.00	31.68 0.00 0.00	34.77 0.00 0.00	36.92 0.00 0.00	40.56 0.00 0.00	43.21 0.00 0.00	44.34 0.00 0.00	44.04 0.00 0.00	48.63 0.00 0.00	51.20 0.00 0.00	52.04 0.00 0.00	52.53 0.00 0.00	57.02 0.00 0.00	57.39 0.00 0.00	60.84 0.00 0.00	61.50 0.00 0.00	62.07 0.00 0.00	60.72 0.00 0.00	55.58 0.00 0.00	49.90 0.00 0.00	43.32 0.00 0.00
NYPA_BRENTWD____GT 24164	41.68 2.69 0.00	38.57 2.08 0.00	34.80 2.03 0.00	33.43 1.77 0.00	33.36 1.68 0.00	36.27 1.49 0.00	38.99 2.07 0.00	43.27 2.72 0.00	46.45 3.24 0.00	47.98 3.64 0.00	47.79 3.74 0.00	52.32 3.69 0.00	55.34 4.15 0.00	56.88 4.84 0.00	57.67 5.15 0.00	65.00 6.10 -1.88	64.47 6.20 -0.87	69.56 6.75 -1.96	67.53 6.03 0.00	70.42 6.39 -1.95	65.94 5.22 0.01	61.56 4.95 -1.03	52.70 2.79 0.00	46.48 3.16 0.00
NYPA_GOWANUS____GT5 24156	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.55 4.35 0.00	56.56 4.53 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.96 5.57 0.00	66.99 6.14 0.00	67.15 5.65 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.58 4.00 0.01	53.45 3.54 0.00	46.18 2.86 0.00
NYPA_GOWANUS____GT6 24157	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.83 2.27 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.09 0.00	55.55 4.35 0.00	56.56 4.53 0.00	57.26 4.73 0.00	62.49 5.47 0.00	62.96 5.57 0.00	66.99 6.14 0.00	67.15 5.65 0.00	67.65 5.59 0.01	65.27 4.56 0.01	59.58 4.00 0.01	53.45 3.54 0.00	46.18 2.86 0.00
NYPA_HARLEM__RVR__GT1 24160	40.98 1.99 0.00	38.21 1.72 0.00	34.28 1.51 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.81 1.04 0.01	38.54 1.62 0.01	42.66 2.11 0.01	45.84 2.64 0.01	47.18 2.84 0.01	47.30 3.26 0.01	52.42 3.80 0.01	55.24 4.04 0.01	56.14 4.11 0.01	56.83 4.31 0.01	61.97 4.96 0.01	62.44 5.05 0.01	66.43 5.59 0.01	66.54 5.04 0.01	67.08 5.03 0.02	64.72 4.01 0.02	59.01 3.45 0.02	52.95 3.04 0.00	45.84 2.51 0.00
NYPA_HARLEM__RVR__GT2 24161	40.98 1.99 0.00	38.21 1.72 0.00	34.28 1.51 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.81 1.04 0.01	38.54 1.62 0.01	42.66 2.11 0.01	45.84 2.64 0.01	47.18 2.84 0.01	47.30 3.26 0.01	52.42 3.80 0.01	55.24 4.04 0.01	56.14 4.11 0.01	56.83 4.31 0.01	61.97 4.96 0.01	62.44 5.05 0.01	66.43 5.59 0.01	66.54 5.04 0.01	67.08 5.03 0.02	64.72 4.01 0.02	59.01 3.45 0.02	52.95 3.04 0.00	45.84 2.51 0.00
NYPA_KENT____GT 24152	41.02 2.03 0.00	38.28 1.79 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.50 4.30 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.44 5.42 0.00	62.85 5.46 0.00	66.87 6.02 0.00	67.04 5.54 0.00	67.59 5.52 0.01	65.21 4.49 0.01	59.46 3.89 0.01	53.34 3.44 0.00	46.05 2.73 0.00
NYPA_POUCH1____GT 24155	41.10 2.10 0.00	38.31 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.92 1.15 0.00	38.62 1.70 0.00	42.74 2.19 0.00	45.89 2.68 0.00	47.22 2.88 0.00	47.39 3.35 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.20 4.67 0.00	62.49 5.47 0.00	62.90 5.51 0.00	66.99 6.14 0.00	67.15 5.65 0.00	67.65 5.59 0.01	65.33 4.61 0.01	59.58 4.00 0.01	53.45 3.54 0.00	46.18 2.86 0.00
NYPA_VERNON____GT2 24162	40.98 1.99 0.00	38.24 1.75 0.00	34.34 1.57 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.45 4.25 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.46 5.40 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.20 3.29 0.00	45.97 2.64 0.00
NYPA_VERNON____GT3 24163	40.98 1.99 0.00	38.24 1.75 0.00	34.34 1.57 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.48 3.44 0.00	52.66 4.03 0.00	55.45 4.25 0.00	56.41 4.37 0.00	57.15 4.62 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.46 5.40 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.20 3.29 0.00	45.97 2.64 0.00
NYPA__ASTORIA_CC1 323568	40.94 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.20 5.19 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.79 5.29 0.00	67.34 5.27 0.01	64.97 4.25 0.01	59.24 3.67 0.01	53.15 3.24 0.00	45.92 2.60 0.00
NYPA__ASTORIA_CC2 323569	40.94 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.79 2.23 0.00	45.98 2.77 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.57 3.94 0.00	55.40 4.20 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.20 5.19 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.79 5.29 0.00	67.34 5.27 0.01	64.97 4.25 0.01	59.24 3.67 0.01	53.15 3.24 0.00	45.92 2.60 0.00
NYPA__HOLTSVILL 23794	41.33 2.34 0.00	38.31 1.82 0.00	34.60 1.83 0.00	33.24 1.58 0.00	33.17 1.49 0.00	36.02 1.25 0.00	38.69 1.77 0.00	42.91 2.35 0.00	46.02 2.81 0.00	47.49 3.15 0.00	47.30 3.26 0.00	51.78 3.16 0.00	54.78 3.58 0.00	56.35 4.32 0.00	57.15 4.62 0.00	64.17 5.59 -1.56	63.80 5.68 -0.73	68.62 6.14 -1.63	66.84 5.35 0.00	69.47 5.77 -1.62	65.27 4.56 0.01	60.72 4.28 -0.86	52.10 2.19 0.00	46.01 2.69 0.00
NYPA__HELLGATE_GT1 24158	40.98 1.99 0.00	38.21 1.72 0.00	34.28 1.51 0.00	33.14 1.49 0.00	33.11 1.43 0.00	35.81 1.04 0.01	38.54 1.62 0.01	42.66 2.11 0.01	45.84 2.64 0.01	47.18 2.84 0.01	47.30 3.26 0.01	52.42 3.80 0.01	55.24 4.04 0.01	56.14 4.11 0.01	56.83 4.31 0.01	61.97 4.96 0.01	62.44 5.05 0.01	66.43 5.59 0.01	66.54 5.04 0.01	67.08 5.03 0.02	64.72 4.01 0.02	59.01 3.45 0.02	52.95 3.04 0.00	45.84 2.51 0.00

NYPA_____HELLGATE_GT2 24159	40.98	38.21	34.28	33.14	33.11	35.81	38.54	42.66	45.84	47.18	47.30	52.42	55.24	56.14	56.83	61.97	62.44	66.43	66.54	67.08	64.72	59.01	52.95	45.84
	1.99	1.72	1.51	1.49	1.43	1.04	1.62	2.11	2.64	2.84	3.26	3.80	4.04	4.11	4.31	4.96	5.05	5.59	5.04	5.03	4.01	3.45	3.04	2.51
	0.00	0.00	0.00	0.00	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	0.02	0.02	0.02	0.00	0.00
NYS_BARGE___HYD 23848	34.98	33.10	29.85	28.77	28.99	31.99	33.53	36.24	38.31	39.78	39.47	40.99	42.68	43.64	41.07	46.01	41.97	46.72	51.33	52.76	51.57	46.37	42.79	37.89
	-4.02	-3.39	-2.92	-2.88	-2.69	-2.78	-3.40	-4.30	-4.88	-4.57	-4.19	-5.35	-5.68	-5.78	-5.94	-6.33	-6.95	-6.94	51.33	52.76	51.57	46.37	42.79	37.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.39	2.29	2.83	2.62	5.52	4.67	8.47	7.18	3.40	2.55	2.36	2.65	1.73	0.93
OAK ORCHARD___HYD 24046	36.85	34.63	31.17	30.10	30.26	33.24	35.26	38.40	40.74	42.30	42.10	44.05	46.14	46.87	46.38	50.56	49.42	53.23	55.18	56.57	55.34	49.85	45.54	40.18
	-2.14	-1.86	-1.60	-1.55	-1.43	-1.53	-1.66	-2.15	-2.46	-2.04	-1.63	-2.77	-3.07	-3.12	-3.41	-3.65	-4.07	-4.02	-3.63	-3.10	-3.16	-3.23	-2.54	-2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	1.81	1.99	2.05	2.73	2.81	3.90	3.60	2.69	2.41	2.23	2.50	1.82	0.97
OAKDALE___35_KV_LOAD 356122	38.45	36.02	32.41	31.28	31.34	34.43	36.59	40.56	43.17	44.34	43.95	48.51	51.33	52.04	53.03	57.44	58.15	61.54	61.29	61.51	60.03	54.77	49.28	42.92
	-0.55	-0.47	-0.36	-0.38	-0.35	-0.35	-0.33	0.00	-0.04	0.00	-0.04	0.15	0.20	0.16	0.21	0.29	0.17	0.37	0.18	0.06	-0.12	-0.17	-0.20	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.26	0.08	0.16	-0.29	-0.14	-0.58	-0.33	0.40	0.62	0.58	0.65	0.43	0.23
OCC_CHEM___DRP 24175	34.24	32.37	29.20	28.14	28.33	31.16	32.82	35.35	37.40	38.85	38.54	39.69	41.91	42.15	39.36	44.12	39.41	44.28	50.49	50.93	49.90	44.83	41.79	37.11
	-4.76	-4.12	-3.57	-3.51	-3.36	-3.62	-4.10	-5.19	-5.79	-5.50	-5.11	-6.56	-6.35	-7.18	-7.30	-7.98	-8.38	-8.52	-7.50	-8.50	-8.38	-8.00	-6.39	-5.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.40	2.37	2.95	2.70	5.87	4.91	9.61	8.05	3.51	2.64	2.45	2.75	1.73	0.93
OH_GEN_PROXY 24063	34.86	32.92	29.72	28.65	28.83	31.68	33.38	36.00	38.09	39.51	39.21	40.64	42.27	43.22	40.44	45.36	40.90	45.70	50.89	52.28	51.11	45.92	42.51	37.66
	-4.13	-3.57	-3.05	-3.01	-2.85	-3.09	-3.54	-4.54	-5.10	-4.83	-4.45	-5.69	-6.09	-6.19	-6.52	-6.96	-7.46	-7.55	-7.20	-7.08	-7.10	-6.84	-5.64	-4.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.39	2.30	2.84	2.63	5.57	4.70	9.03	7.60	3.41	2.71	2.51	2.82	1.76	0.94
OLIN_CORP_DRP 24177	34.55	32.77	29.59	28.49	28.71	31.54	32.93	35.51	37.57	38.98	38.63	39.94	41.53	42.40	39.74	44.55	39.47	44.49	49.81	51.17	50.13	45.05	41.86	37.08
	-4.45	-3.72	-3.18	-3.17	-2.98	-3.23	-3.99	-5.03	-5.62	-5.37	-5.02	-6.32	-6.71	-6.92	-6.88	-7.53	-8.04	-8.09	-8.18	-8.32	-8.20	-7.84	-6.34	-5.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.40	2.36	2.96	2.72	5.91	4.94	9.89	8.26	3.51	2.59	2.39	2.69	1.71	0.92
OLIN_CORP_DSASP 323712	34.24	32.37	29.20	28.14	28.33	31.16	32.82	35.35	37.40	38.85	38.54	39.69	41.91	42.15	39.36	44.12	39.41	44.28	50.49	50.93	49.90	44.83	41.79	37.11
	-4.76	-4.12	-3.57	-3.51	-3.36	-3.62	-4.10	-5.19	-5.79	-5.50	-5.11	-6.56	-6.35	-7.18	-7.30	-7.98	-8.38	-8.52	-7.50	-8.50	-8.38	-8.00	-6.39	-5.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.40	2.37	2.95	2.70	5.87	4.91	9.61	8.05	3.51	2.64	2.45	2.75	1.73	0.93
ONEIDA_HERK_LFGE 323681	39.50	37.00	33.23	32.13	32.10	35.36	37.62	41.61	44.33	45.23	44.92	49.60	52.06	52.72	53.38	58.04	58.14	61.81	62.54	63.44	62.06	56.86	51.15	44.36
	0.51	0.51	0.46	0.48	0.41	0.59	0.70	1.05	1.12	0.89	0.88	0.97	0.77	0.57	0.79	0.86	0.74	0.97	1.04	1.36	1.33	1.28	1.25	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.11	-0.06	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	39.54	37.00	33.26	32.16	32.13	35.36	37.62	41.41	44.07	45.10	44.73	49.10	51.69	52.43	52.98	57.66	57.63	61.34	62.08	62.81	61.41	56.11	50.52	43.94
	0.55	0.51	0.49	0.51	0.44	0.59	0.70	0.85	0.86	0.75	0.75	0.83	0.77	0.68	0.84	0.97	0.86	1.10	1.11	1.24	1.15	1.06	1.00	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.36	0.28	0.29	0.39	0.33	0.62	0.60	0.53	0.51	0.47	0.53	0.38	0.20
ONONDAGA_REF_OCCRA 23987	38.53	36.05	32.41	31.31	31.34	34.43	36.66	40.23	42.82	43.99	43.56	47.69	50.42	51.24	51.51	56.17	55.89	59.46	60.20	60.80	59.40	54.18	48.82	42.52
	-0.47	-0.44	-0.36	-0.35	-0.35	-0.35	-0.26	-0.32	-0.39	-0.35	-0.40	-0.44	-0.46	-0.47	-0.53	-0.51	-0.63	-0.55	-0.55	-0.56	-0.67	-0.67	-0.55	-0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.50	0.32	0.33	0.50	0.34	0.87	0.84	0.74	0.71	0.66	0.74	0.53	0.29
ONONDAGA___COGEN 23986	38.61	36.16	32.48	31.37	31.43	34.53	36.74	40.31	42.91	44.08	43.74	48.24	51.11	51.93	52.27	57.07	56.76	60.23	60.89	61.51	60.06	54.92	49.40	42.85
	-0.39	-0.33	-0.29	-0.28	-0.25	-0.24	-0.18	-0.24	-0.30	-0.27	-0.31	-0.39	-0.41	-0.47	-0.47	-0.51	-0.63	-0.61	-0.62	-0.56	-0.67	-0.67	-0.50	-0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-0.36	-0.22	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONTARIO___LFGE 23819	38.22	35.87	32.24	31.12	31.24	34.36	36.55	40.00	42.44	43.68	43.27	47.20	50.01	50.50	52.36	55.84	57.75	60.65	59.49	59.44	58.04	52.74	47.97	42.01
	-0.78	-0.62	-0.53	-0.54	-0.44	-0.42	-0.37	-0.57	-0.78	-0.66	-0.66	-0.87	-0.97	-1.04	-1.31	-1.54	-1.89	-1.64	-1.17	-1.18	-1.34	-1.33	-0.85	-0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.56	0.22	0.49	-1.14	-0.36	-2.25	-1.45	0.84	1.45	1.34	1.51	1.08	0.58
ORANGEVILLE_WT_PWR 323706	36.23	34.12	30.77	29.63	29.78	32.76	34.56	37.41	39.60	40.97	40.03	40.94	41.53	43.48	33.14	41.42	28.04	36.38	51.05	54.97	53.71	48.58	44.40	39.14
	-2.77	-2.37	-2.00	-2.03	-1.90	-2.02	-2.36	-3.08	-3.54	-3.37	-3.39	-3.74	-3.94	-4.01	-4.15	-4.45	-4.76	-4.68	-4.61	-4.97	-5.04	-4.78	-4.09	-3.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.62	3.95	5.73	4.56	15.24	11.15	24.59	19.77	5.84	2.13	1.97	2.22	1.42	0.76
ORANGEVILLE___ESR 323794	36.23	34.12	30.77	29.63	29.78	32.76	34.56	37.41	39.60	40.97	40.03	40.94	41.53	43.48	33.14	41.42	28.04	36.38	51.05	54.97	53.71	48.58	44.40	39.14
	-2.77	-2.37	-2.00	-2.03	-1.90	-2.02	-2.36	-3.08	-3.54	-3.37	-3.39	-3.74	-3.94	-4.01	-4.15	-4.45	-4.76	-4.68	-4.61	-4.97	-5.04	-4.78	-4.09	-3.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.62	3.95	5.73	4.56	15.24	11.15	24.59	19.77	5.84	2.13	1.97	2.22	1.42	0.76

OSWEGATCHIE___HYD 24044	38.96 -0.04 0.00	36.56 0.07 0.00	32.74 -0.03 0.00	31.69 0.03 0.00	31.62 -0.06 0.00	34.95 0.17 0.00	37.07 0.15 0.00	40.92 0.36 0.00	43.60 0.39 0.00	44.43 0.09 0.00	44.04 0.00 0.00	48.53 -0.10 0.00	50.97 -0.36 -0.13	51.40 -0.78 -0.14	51.88 -0.74 -0.09	56.44 -0.80 -0.22	56.47 -0.92 0.00	60.12 -0.73 0.00	60.95 -0.55 0.00	61.95 -0.12 0.00	60.78 0.06 0.00	55.81 0.22 0.00	50.35 0.45 0.00	43.89 0.56 0.00
OSWEGO___5 23606	37.98 -1.01 0.00	35.54 -0.95 0.00	31.95 -0.82 0.00	30.86 -0.79 0.00	30.92 -0.76 0.00	33.94 -0.83 0.00	36.07 -0.85 0.00	39.58 -0.97 0.00	42.08 -1.12 0.00	43.24 -1.11 0.00	43.72 -1.19 -0.87	52.15 -1.36 -4.89	56.26 -1.49 -6.54	57.56 -1.51 -7.03	58.12 -1.57 -7.16	64.69 -1.66 -9.33	64.18 -1.72 -8.51	67.30 -1.77 -8.22	67.06 -1.72 -7.28	67.37 -1.67 -6.97	65.41 -1.76 -6.45	61.22 -1.61 -7.25	53.68 -1.45 -5.23	44.87 -1.26 -2.80
OSWEGO___6 23613	37.98 -1.01 0.00	35.54 -0.95 0.00	31.95 -0.82 0.00	30.86 -0.79 0.00	30.92 -0.76 0.00	33.94 -0.83 0.00	36.07 -0.85 0.00	39.58 -0.97 0.00	42.08 -1.12 0.00	43.24 -1.11 0.00	43.72 -1.19 -0.87	52.15 -1.36 -4.89	56.26 -1.49 -6.54	57.56 -1.51 -7.03	58.12 -1.57 -7.16	64.69 -1.66 -9.33	64.18 -1.72 -8.51	67.30 -1.77 -8.22	67.06 -1.72 -7.28	67.37 -1.67 -6.97	65.41 -1.76 -6.45	61.22 -1.61 -7.25	53.68 -1.45 -5.23	44.87 -1.26 -2.80
OUTOKUMPU-AB___DRP 24206	35.06 -3.94 0.00	33.13 -3.36 0.00	29.89 -2.88 0.00	28.77 -2.88 0.00	28.99 -2.69 0.00	31.92 -2.85 0.00	33.60 -3.32 0.00	36.28 -4.26 0.02	38.39 -4.80 0.02	39.82 -4.52 0.00	39.46 -4.18 0.40	41.19 -5.06 2.38	43.03 -5.17 3.00	43.74 -5.57 2.73	40.83 -5.67 6.02	45.78 -6.21 5.02	42.72 -6.60 8.07	47.29 -6.63 6.92	51.69 -6.27 3.54	52.56 -6.95 2.56	51.37 -6.98 2.37	46.25 -6.67 2.66	42.82 -5.39 1.70	37.91 -4.51 0.91
OXBOW___BTM 323836	34.71 -4.29 0.00	32.81 -3.68 0.00	29.59 -3.18 0.00	28.49 -3.17 0.00	28.70 -2.98 0.00	31.57 -3.20 0.00	33.23 -3.69 0.00	35.87 -4.66 0.02	37.96 -5.23 0.02	39.42 -4.92 0.00	39.11 -4.54 0.40	40.52 -5.74 2.37	42.60 -5.63 2.97	43.13 -6.19 2.71	40.26 -6.36 5.91	45.22 -6.84 4.95	42.18 -7.35 7.87	46.65 -7.43 6.76	51.33 -6.64 3.52	52.08 -7.39 2.60	50.97 -7.35 2.41	45.82 -7.06 2.71	42.35 -5.84 1.71	37.55 -4.85 0.92
OXBOW___ 24026	34.71 -4.29 0.00	32.80 -3.69 0.00	29.59 -3.18 0.00	28.49 -3.17 0.00	28.71 -2.98 0.00	31.57 -3.20 0.00	33.23 -3.69 0.00	35.87 -4.66 0.02	37.96 -5.23 0.02	39.38 -4.97 0.00	39.07 -4.58 0.40	40.52 -5.74 2.37	42.55 -5.68 2.97	43.03 -6.30 2.72	40.21 -6.41 5.91	45.05 -7.01 4.95	42.12 -7.40 7.87	46.59 -7.48 6.76	51.21 -6.77 3.52	51.84 -7.64 2.60	50.73 -7.59 2.41	45.59 -7.28 2.71	42.35 -5.84 1.71	37.55 -4.85 0.92
OXY_CHEM_DSASP 323612	34.24 -4.76 0.00	32.37 -4.12 0.00	29.20 -3.57 0.00	28.14 -3.51 0.00	28.33 -3.36 0.00	31.16 -3.62 0.00	32.82 -4.10 0.00	35.35 -5.19 0.02	37.40 -5.79 0.02	38.85 -5.50 0.00	38.54 -5.11 0.40	39.69 -6.56 2.37	41.91 -6.35 2.95	42.15 -7.18 2.70	39.36 -7.30 5.87	44.12 -7.98 4.91	39.41 -8.38 9.61	44.28 -8.52 8.05	50.49 -7.50 3.51	50.93 -8.50 2.64	49.90 -8.38 2.45	44.83 -8.00 2.75	41.79 -6.39 1.73	37.11 -5.29 0.93
OZONE_PARK_ESR 323760	41.22 2.22 0.00	38.46 1.97 0.00	34.54 1.77 0.00	33.30 1.65 0.00	33.30 1.62 0.00	36.30 1.53 0.00	39.06 2.14 0.00	43.23 2.68 0.00	46.41 3.20 0.00	47.76 3.41 0.00	47.83 3.79 0.00	53.00 4.38 0.00	55.86 4.66 0.00	56.88 4.84 0.00	57.57 5.04 0.00	62.95 5.93 0.00	63.30 5.91 0.00	67.41 6.57 0.00	67.59 6.09 0.00	68.21 6.15 0.01	65.76 5.04 0.01	60.02 4.45 0.01	53.65 3.74 0.00	46.31 2.99 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.24 -4.76 0.00	32.37 -4.12 0.00	29.20 -3.57 0.00	28.14 -3.51 0.00	28.33 -3.36 0.00	31.16 -3.62 0.00	32.82 -4.10 0.00	35.35 -5.19 0.02	37.40 -5.79 0.02	38.85 -5.50 0.00	38.54 -5.11 0.40	39.69 -6.56 2.37	41.91 -6.35 2.95	42.15 -7.18 2.70	39.36 -7.30 5.87	44.12 -7.98 4.91	39.41 -8.38 9.61	44.28 -8.52 8.05	50.49 -7.50 3.51	50.93 -8.50 2.64	49.90 -8.38 2.45	44.83 -8.00 2.75	41.79 -6.39 1.73	37.11 -5.29 0.93
PACKARD___115KV_DUPONT_184 80571	34.28 -4.72 0.00	32.37 -4.12 0.00	29.20 -3.57 0.00	28.14 -3.51 0.00	28.32 -3.36 0.00	31.16 -3.62 0.00	32.82 -4.10 0.00	35.35 -5.19 0.02	37.40 -5.79 0.02	38.84 -5.50 0.00	38.63 -5.02 0.40	39.69 -6.57 2.37	41.96 -6.30 2.95	42.26 -7.08 2.70	39.41 -7.25 5.87	44.30 -7.81 4.91	39.46 -8.32 9.61	44.34 -8.46 8.05	50.67 -7.32 3.51	51.24 -8.19 2.64	50.14 -8.14 2.45	45.05 -7.78 2.75	41.78 -6.39 1.73	37.11 -5.29 0.93
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.95 1.95 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.11 1.46 0.00	33.08 1.39 0.00	35.85 1.08 0.00	38.55 1.62 0.00	42.62 2.07 0.00	45.80 2.59 0.00	47.14 2.79 0.00	47.26 3.22 0.00	52.37 3.74 0.00	55.19 3.99 0.00	56.10 4.06 0.00	56.78 4.25 0.00	62.09 5.07 0.00	62.50 5.11 0.00	66.50 5.66 0.00	66.67 5.17 0.00	67.22 5.15 0.01	64.72 4.01 0.01	59.13 3.56 0.01	52.95 3.04 0.00	45.88 2.56 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.61 2.61 0.00	38.79 2.30 0.00	34.83 2.06 0.00	33.62 1.96 0.00	33.59 1.90 0.00	36.41 1.63 0.00	39.17 2.25 0.00	43.31 2.76 0.00	46.54 3.33 0.00	47.85 3.50 0.00	47.96 3.92 0.00	53.15 4.52 0.00	56.01 4.81 0.00	56.93 4.89 0.00	57.62 5.10 0.00	63.06 6.04 0.00	63.42 6.03 0.00	67.47 6.63 0.00	67.65 6.15 0.00	68.27 6.21 0.01	65.76 5.04 0.01	60.02 4.45 0.01	53.80 3.89 0.00	46.57 3.25 0.00
PATROON___115KV_TB1 80586	39.42 0.43 0.00	36.86 0.36 0.00	33.13 0.36 0.00	31.97 0.32 0.00	32.03 0.35 0.00	35.02 0.24 0.00	37.44 0.52 0.00	41.12 0.57 0.00	43.86 0.65 0.00	44.92 0.58 0.00	44.75 0.70 0.00	49.45 0.83 0.00	52.17 0.97 0.00	53.08 1.04 0.00	53.74 1.21 0.00	58.27 1.25 0.00	58.66 1.26 0.00	62.06 1.22 0.00	62.61 1.11 0.00	63.07 0.99 0.00	61.51 0.79 0.00	56.31 0.72 0.00	50.35 0.45 0.00	43.76 0.43 0.00
PATTRSNVILLE___SOLAR 323815	40.01 1.01 0.00	37.40 0.91 0.00	33.62 0.85 0.00	32.41 0.76 0.00	32.48 0.79 0.00	35.57 0.80 0.00	37.95 1.03 0.00	41.57 1.01 0.00	44.24 1.04 0.00	45.32 0.97 0.00	45.06 1.01 0.00	49.89 1.26 0.00	52.58 1.38 0.00	53.49 1.46 0.00	54.10 1.57 0.00	58.79 1.77 0.00	59.17 1.78 0.00	62.85 2.00 0.00	63.53 2.03 0.00	64.12 2.05 0.00	62.61 1.88 0.00	57.36 1.78 0.00	51.40 1.50 0.00	44.49 1.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.45 -3.55 0.00	33.43 -3.07 0.00	30.15 -2.62 0.00	29.06 -2.60 0.00	29.24 -2.44 0.00	32.17 -2.61 0.00	33.93 -2.99 0.00	36.84 -3.69 0.02	39.04 -4.15 0.02	40.18 -4.17 0.00	38.98 -4.67 0.40	43.07 -3.16 2.40	44.96 -3.17 3.07	46.09 -3.23 2.73	42.72 -3.36 6.44	48.06 -3.71 5.25	46.17 -3.96 7.27	50.69 -3.83 6.32	52.96 -4.98 3.56	52.74 -6.89 2.44	51.42 -7.04 2.26	46.48 -6.56 2.54	42.30 -5.99 1.61	37.39 -5.07 0.86

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.91 1.91 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.11 1.46 0.00	33.11 1.43 0.00	36.13 1.36 0.00	38.80 1.88 0.00	42.83 2.27 0.00	45.93 2.72 0.00	47.27 2.93 0.00	47.22 3.17 0.00	52.32 3.70 0.00	55.19 3.99 0.00	56.25 4.22 0.00	56.84 4.31 0.00	62.03 5.02 0.00	62.39 4.99 0.00	66.44 5.60 0.00	66.60 5.10 0.00	67.09 5.03 0.01	64.79 4.07 0.01	59.30 3.72 0.01	52.95 3.04 0.00	45.79 2.47 0.00
PEEKSKILL____ 23653	40.59 1.60 0.00	37.88 1.39 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.86 1.17 0.00	35.85 1.08 0.00	38.47 1.55 0.00	42.50 1.95 0.00	45.58 2.37 0.00	46.87 2.53 0.00	46.87 2.82 0.00	51.94 3.31 0.00	54.68 3.48 0.00	55.73 3.70 0.00	56.47 3.94 0.00	61.52 4.50 0.00	61.99 4.59 0.00	65.89 5.05 0.00	66.17 4.67 0.00	66.72 4.66 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.00	45.49 2.17 0.00
PGE MADISON__WINDPWR 24146	40.59 1.60 0.00	38.02 1.53 0.00	34.24 1.47 0.00	33.11 1.46 0.00	33.01 1.33 0.00	36.51 1.74 0.00	38.84 1.92 0.00	42.71 2.15 0.00	45.33 2.12 0.00	46.16 1.82 0.00	45.77 1.76 0.03	50.57 2.09 0.15	53.16 1.89 -0.06	53.73 1.72 0.03	55.26 2.15 -0.57	59.78 2.39 -0.37	60.59 2.18 -1.01	64.39 2.86 -0.69	64.16 2.89 0.23	64.68 3.10 0.49	63.18 2.91 0.46	57.79 2.72 0.51	52.10 2.55 0.34	45.35 2.21 0.18
PIERCEFIELD____HYD 23852	38.84 -0.16 0.00	36.45 -0.04 0.00	32.57 -0.20 0.00	31.56 -0.09 0.00	31.49 -0.19 0.00	34.77 0.00 0.00	36.66 -0.26 0.00	40.35 -0.20 0.00	42.99 -0.22 0.00	43.94 -0.40 0.00	43.47 -0.57 0.00	47.90 -0.73 0.00	50.33 -0.87 0.00	50.79 -1.25 0.00	51.00 -1.52 0.00	55.25 -1.77 0.00	55.73 -1.66 0.00	58.96 -1.89 0.00	59.90 -1.60 0.00	60.58 -1.49 0.00	59.57 -1.15 0.00	54.86 -0.72 0.00	49.65 -0.25 0.00	43.58 0.26 0.00
PINELAWN_CC_1 323563	41.49 2.50 0.00	38.42 1.93 0.00	34.64 1.87 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.13 1.35 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.32 3.11 0.00	47.81 3.46 0.00	47.61 3.57 0.00	52.23 3.60 0.00	55.24 4.04 0.00	56.77 4.73 0.00	57.57 5.04 0.00	67.22 6.16 -4.05	65.54 6.26 -1.89	71.89 6.81 -4.23	67.65 6.15 0.00	72.80 6.52 -4.21	66.06 5.34 0.01	62.72 4.89 -2.24	52.65 2.74 0.00	46.36 3.03 0.00
PJM_GEN_HTP_PROXY 323702	40.83 1.83 0.00	38.06 1.57 0.00	34.25 1.48 0.00	33.05 1.39 0.00	33.05 1.36 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.36 4.32 0.00	57.10 4.57 0.00	62.26 5.24 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.91 5.41 0.00	67.46 5.40 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.10 3.20 0.00	45.88 2.56 0.00
PJM_GEN_KEystone 24065	38.10 -0.90 0.00	35.69 -0.80 0.00	32.15 -0.62 0.00	31.05 -0.60 0.00	31.08 -0.60 0.00	34.01 -0.77 0.00	36.26 -0.66 0.00	39.62 -0.93 0.01	38.17 -0.95 4.09	43.50 -0.84 0.00	43.14 -0.75 0.16	47.25 -0.44 0.94	49.64 -0.41 1.15	50.66 -0.31 1.07	50.09 -0.26 2.17	55.04 -0.11 1.87	54.06 -0.17 3.16	58.25 0.12 2.71	59.80 -0.31 1.39	60.28 -0.68 1.11	58.48 -1.21 1.03	53.15 -1.28 1.16	47.92 -1.25 0.74	41.80 -1.13 0.39
PJM_GEN_NEPTUNE_PROXY 323594	40.98 1.99 0.00	37.99 1.50 0.00	34.25 1.48 0.00	32.92 1.27 0.00	32.86 1.17 0.00	35.78 1.01 0.00	38.44 1.51 0.00	42.66 2.11 0.00	45.80 2.59 0.00	47.27 2.93 0.00	47.17 3.13 0.00	51.83 3.21 0.01	54.78 3.58 0.01	56.25 4.21 0.01	57.04 4.52 0.01	62.98 5.59 -0.37	63.25 5.68 -0.17	67.44 6.21 -0.39	66.96 5.47 0.01	68.29 5.83 -0.38	65.45 4.74 0.01	60.00 4.22 -0.20	52.15 2.25 0.00	45.79 2.47 0.00
PJM_GEN_VFT_PROXY 323633	40.71 1.71 0.00	38.02 1.53 0.00	34.18 1.41 0.00	32.98 1.33 0.00	32.95 1.27 0.00	35.96 1.18 0.00	38.66 1.74 0.00	42.74 2.19 0.00	45.93 2.72 0.00	47.27 2.93 0.00	47.30 3.26 0.00	52.42 3.80 0.00	55.24 4.04 0.00	56.25 4.21 0.00	56.99 4.46 0.00	62.15 5.13 0.00	62.56 5.17 0.00	66.56 5.72 0.00	66.79 5.29 0.00	67.34 5.27 0.01	65.03 4.31 0.01	59.30 3.72 0.01	53.00 3.10 0.00	45.75 2.42 0.00
PLATSBURG_115KV_PMLD1 355749	39.58 0.58 0.00	37.15 0.66 0.00	33.20 0.43 0.00	32.10 0.44 0.00	32.10 0.41 0.00	35.40 0.63 0.00	37.40 0.48 0.00	41.16 0.61 0.00	43.86 0.65 0.00	44.61 0.27 0.00	44.18 0.13 0.00	48.73 0.10 0.00	51.35 0.15 0.00	52.09 0.05 0.00	52.53 0.00 0.00	56.90 -0.11 0.00	57.39 0.00 0.00	60.72 -0.12 0.00	61.56 0.06 0.00	62.14 0.06 0.00	60.97 0.24 0.00	55.86 0.28 0.00	50.30 0.40 0.00	43.84 0.52 0.00
PLEASANTVLY____LBMP 24000	40.40 1.40 0.00	37.69 1.20 0.00	33.88 1.11 0.00	32.73 1.08 0.00	32.70 1.01 0.00	35.71 0.94 0.00	38.29 1.37 0.00	42.26 1.70 0.00	45.28 2.07 0.00	46.56 2.22 0.00	46.51 2.47 0.00	51.50 2.87 0.00	54.27 3.07 0.00	55.27 3.23 0.00	55.94 3.41 0.00	61.01 3.99 0.00	61.35 3.96 0.00	65.22 4.38 0.00	65.50 4.00 0.00	66.10 4.03 0.01	63.87 3.16 0.01	58.41 2.83 0.01	52.20 2.30 0.00	45.14 1.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.71 1.72 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.95 1.30 0.00	32.92 1.24 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.62 2.07 0.00	45.71 2.51 0.00	47.05 2.70 0.00	47.04 2.99 0.00	52.13 3.50 0.00	54.94 3.74 0.00	55.99 3.95 0.00	56.68 4.15 0.00	61.86 4.85 0.00	62.21 4.82 0.00	66.20 5.35 0.00	66.42 4.92 0.00	66.97 4.90 0.01	64.66 3.95 0.01	59.08 3.50 0.01	52.75 2.84 0.00	45.62 2.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.71 1.72 0.00	37.99 1.50 0.00	34.11 1.34 0.00	32.95 1.30 0.00	32.92 1.24 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.62 2.07 0.00	45.71 2.51 0.00	47.05 2.70 0.00	47.04 2.99 0.00	52.13 3.50 0.00	54.94 3.74 0.00	55.99 3.95 0.00	56.68 4.15 0.00	61.86 4.85 0.00	62.21 4.82 0.00	66.20 5.35 0.00	66.42 4.92 0.00	66.97 4.90 0.01	64.66 3.95 0.01	59.08 3.50 0.01	52.75 2.84 0.00	45.62 2.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.63 1.64 0.00	37.91 1.42 0.00	34.08 1.31 0.00	32.92 1.27 0.00	32.89 1.20 0.00	35.89 1.11 0.00	38.51 1.59 0.00	42.46 1.91 0.00	45.46 2.25 0.00	46.69 2.35 0.00	46.55 2.51 0.00	51.59 2.97 0.00	54.32 3.12 0.00	55.42 3.38 0.00	56.05 3.52 0.00	61.12 4.11 0.00	61.53 4.13 0.00	65.47 4.62 0.00	65.74 4.24 0.00	66.35 4.28 0.01	64.12 3.40 0.01	58.63 3.06 0.01	52.35 2.45 0.00	45.36 2.04 0.00
POLETTI____ 23519	40.87 1.87 0.00	38.13 1.64 0.00	34.28 1.51 0.00	33.08 1.42 0.00	33.05 1.36 0.00	36.03 1.25 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.32 2.97 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.91 5.41 0.00	67.47 5.40 0.01	65.09 4.37 0.01	59.41 3.84 0.01	53.10 3.19 0.00	45.88 2.56 0.00

POMONA___ESR 323819	40.59 1.60 0.00	37.84 1.35 0.00	34.05 1.28 0.00	32.89 1.23 0.00	32.82 1.14 0.00	35.85 1.08 0.00	38.44 1.51 0.00	42.50 1.95 0.00	45.54 2.33 0.00	46.83 2.48 0.00	46.82 2.78 0.00	51.84 3.21 0.00	54.63 3.43 0.00	55.68 3.64 0.00	56.41 3.89 0.00	61.52 4.50 0.00	61.93 4.53 0.00	65.89 5.05 0.00	66.12 4.61 0.00	66.66 4.59 0.01	64.48 3.77 0.01	58.85 3.28 0.01	52.60 2.69 0.00	45.49 2.17 0.00
PORT_JEFF_3 23555	41.37 2.38 0.00	38.39 1.90 0.00	34.64 1.87 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.06 1.29 0.00	38.73 1.81 0.00	42.95 2.39 0.00	46.10 2.90 0.00	47.58 3.24 0.00	47.35 3.30 0.00	51.83 3.21 0.00	54.83 3.64 0.00	56.41 4.37 0.00	57.20 4.67 0.00	64.13 5.53 -1.58	63.76 5.63 -0.74	68.58 6.08 -1.65	66.84 5.35 0.00	69.42 5.71 -1.64	65.21 4.49 0.01	60.73 4.28 -0.87	52.20 2.30 0.00	46.10 2.78 0.00
PORT_JEFF_4 23616	41.37 2.38 0.00	38.39 1.90 0.00	34.64 1.87 0.00	33.27 1.61 0.00	33.20 1.52 0.00	36.06 1.29 0.00	38.73 1.81 0.00	42.95 2.39 0.00	46.10 2.90 0.00	47.58 3.24 0.00	47.35 3.30 0.00	51.83 3.21 0.00	54.83 3.64 0.00	56.41 4.37 0.00	57.20 4.67 0.00	64.13 5.53 -1.58	63.76 5.63 -0.74	68.58 6.08 -1.65	66.84 5.35 0.00	69.42 5.71 -1.64	65.21 4.49 0.01	60.73 4.28 -0.87	52.20 2.30 0.00	46.10 2.78 0.00
PORT_JEFF_IC 23713	41.45 2.46 0.00	38.57 2.08 0.00	34.67 1.90 0.00	33.33 1.68 0.00	33.24 1.55 0.00	36.09 1.32 0.00	38.77 1.85 0.00	43.03 2.47 0.00	46.15 2.94 0.00	47.67 3.33 0.00	47.30 3.26 0.00	51.78 3.16 0.00	54.83 3.64 0.00	56.41 4.37 0.00	57.41 4.89 0.00	64.64 5.99 -1.63	64.01 5.85 -0.76	69.06 6.51 -1.71	66.97 5.47 0.00	69.85 6.08 -1.70	65.08 4.37 0.01	60.98 4.50 -0.90	52.30 2.40 0.00	46.18 2.86 0.00
PPL PILGRIM_ST_GT1 24216	41.68 2.69 0.00	38.57 2.08 0.00	34.80 2.03 0.00	33.43 1.77 0.00	33.36 1.68 0.00	36.27 1.49 0.00	38.99 2.07 0.00	43.27 2.72 0.00	46.45 3.24 0.00	47.98 3.64 0.00	47.79 3.74 0.00	52.32 3.69 0.00	55.34 4.15 0.00	56.88 4.84 0.00	57.67 5.15 0.00	65.00 6.10 -1.88	64.47 6.20 -0.87	69.56 6.75 -1.96	67.53 6.03 0.00	70.42 6.39 -1.95	65.94 5.22 0.01	61.56 4.95 -1.03	52.70 2.79 0.00	46.48 3.16 0.00
PPL PILGRIM_ST_GT2 24217	41.68 2.69 0.00	38.57 2.08 0.00	34.80 2.03 0.00	33.43 1.77 0.00	33.36 1.68 0.00	36.27 1.49 0.00	38.99 2.07 0.00	43.27 2.72 0.00	46.45 3.24 0.00	47.98 3.64 0.00	47.79 3.74 0.00	52.32 3.69 0.00	55.34 4.15 0.00	56.88 4.84 0.00	57.67 5.15 0.00	65.00 6.10 -1.88	64.47 6.20 -0.87	69.56 6.75 -1.96	67.53 6.03 0.00	70.42 6.39 -1.95	65.94 5.22 0.01	61.56 4.95 -1.03	52.70 2.79 0.00	46.48 3.16 0.00
PPL_SHRM_GT3 24213	41.10 2.10 0.00	38.24 1.75 0.00	34.54 1.77 0.00	33.21 1.55 0.00	33.11 1.43 0.00	35.85 1.08 0.00	38.51 1.59 0.00	42.62 2.07 0.00	45.80 2.59 0.00	47.27 2.93 0.00	47.04 3.00 0.00	51.54 2.92 0.00	54.52 3.33 0.00	56.14 4.11 0.00	56.94 4.41 0.00	64.04 5.42 -1.61	63.60 5.46 -0.75	68.42 5.90 -1.68	66.54 5.04 0.00	69.26 5.52 -1.67	64.96 4.25 0.01	60.47 4.00 -0.88	51.75 1.85 0.00	45.75 2.42 0.00
PPL_SHRM_GT4 24214	41.10 2.10 0.00	38.24 1.75 0.00	34.54 1.77 0.00	33.21 1.55 0.00	33.11 1.43 0.00	35.85 1.08 0.00	38.51 1.59 0.00	42.62 2.07 0.00	45.80 2.59 0.00	47.27 2.93 0.00	47.04 3.00 0.00	51.54 2.92 0.00	54.52 3.33 0.00	56.14 4.11 0.00	56.94 4.41 0.00	64.04 5.42 -1.61	63.60 5.46 -0.75	68.42 5.90 -1.68	66.54 5.04 0.00	69.26 5.52 -1.67	64.96 4.25 0.01	60.47 4.00 -0.88	51.75 1.85 0.00	45.75 2.42 0.00
PROJECT___ORANGE 1 24174	38.37 -0.62 0.00	35.94 -0.55 0.00	32.31 -0.46 0.00	31.18 -0.47 0.00	31.24 -0.44 0.00	34.32 -0.45 0.00	36.55 -0.37 0.00	40.11 -0.45 0.00	42.69 -0.52 0.00	43.90 -0.44 0.00	43.44 -0.48 0.12	47.35 -0.58 0.69	50.03 -0.61 0.56	50.78 -0.68 0.59	51.02 -0.74 0.77	55.60 -0.74 0.68	55.33 -0.86 1.20	58.83 -0.85 1.16	59.61 -0.86 1.03	60.22 -0.87 0.99	58.84 -0.97 0.91	53.61 -0.94 1.03	48.37 -0.80 0.74	42.23 -0.69 0.40
PROJECT___ORANGE 2 24166	38.37 -0.62 0.00	35.94 -0.55 0.00	32.31 -0.46 0.00	31.18 -0.47 0.00	31.24 -0.44 0.00	34.32 -0.45 0.00	36.55 -0.37 0.00	40.11 -0.45 0.00	42.69 -0.52 0.00	43.90 -0.44 0.00	43.44 -0.48 0.12	47.35 -0.58 0.69	50.03 -0.61 0.56	50.78 -0.68 0.59	51.02 -0.74 0.77	55.60 -0.74 0.68	55.33 -0.86 1.20	58.83 -0.85 1.16	59.61 -0.86 1.03	60.22 -0.87 0.99	58.84 -0.97 0.91	53.61 -0.94 1.03	48.37 -0.80 0.74	42.23 -0.69 0.40
PUCKETT___SOLAR 323809	39.03 0.04 0.00	36.56 0.07 0.00	32.90 0.13 0.00	31.78 0.13 0.00	31.81 0.13 0.00	34.95 0.17 0.00	37.18 0.26 0.00	41.08 0.53 0.00	43.69 0.48 0.00	44.79 0.44 0.00	44.39 0.40 0.05	49.02 0.63 0.24	51.80 0.66 0.06	52.54 0.63 0.13	53.48 0.68 -0.27	58.01 0.86 -0.14	58.67 0.74 -0.53	62.24 1.10 -0.30	62.13 0.98 0.35	62.51 0.99 0.56	60.94 0.73 0.52	55.62 0.61 0.58	50.07 0.55 0.38	43.60 0.48 0.21
PYRITES___HYD 24023	39.46 0.47 0.00	37.04 0.55 0.00	33.10 0.33 0.00	32.10 0.44 0.00	32.03 0.35 0.00	35.40 0.63 0.00	37.29 0.37 0.00	40.92 0.37 0.00	43.47 0.26 0.00	44.39 0.04 0.00	43.87 -0.18 0.00	48.29 -0.34 0.00	50.74 -0.46 0.00	51.31 -0.73 0.00	51.58 -0.95 0.00	55.76 -1.25 0.00	56.30 -1.09 0.00	59.75 -1.10 0.00	60.82 -0.68 0.00	61.64 -0.43 0.00	60.72 0.00 0.00	55.86 0.28 0.00	50.55 0.65 0.00	44.28 0.95 0.00
QUAKERRD_115KV_BK1 80622	36.38 -2.61 0.00	34.16 -2.34 0.00	30.74 -2.03 0.00	29.69 -1.96 0.00	29.81 -1.87 0.00	32.79 -1.98 0.00	34.78 -2.14 0.00	37.96 -2.60 0.00	40.31 -2.89 0.00	41.77 -2.57 0.00	41.46 -2.29 0.30	43.70 -3.26 1.67	45.79 -3.64 1.78	46.40 -3.75 1.89	46.44 -3.94 2.15	50.24 -4.39 2.39	49.79 -4.65 2.95	53.32 -4.68 2.84	54.59 -4.43 2.48	55.69 -4.03 2.35	54.54 -4.01 2.17	49.20 -3.95 2.44	44.93 -3.19 1.78	39.68 -2.69 0.96
QUENSBRY_115KV_TB8 356137	41.22 2.22 0.00	38.61 2.12 0.00	34.64 1.87 0.00	33.33 1.68 0.00	33.49 1.81 0.00	36.62 1.84 0.00	39.25 2.33 0.00	43.03 2.47 0.00	46.02 2.81 0.00	46.96 2.62 0.00	46.47 2.42 0.00	51.74 3.11 0.00	54.32 3.12 0.00	55.11 3.07 0.00	55.84 3.31 0.00	60.50 3.48 0.00	60.84 3.44 0.00	64.55 3.71 0.00	65.74 4.24 0.00	66.23 4.16 0.00	65.16 4.43 0.00	59.70 4.11 0.00	53.35 3.44 0.00	46.10 2.77 0.00
RAMAPO___LBMP 323565	40.44 1.44 0.00	37.73 1.24 0.00	33.92 1.15 0.00	32.76 1.11 0.00	32.73 1.05 0.00	35.71 0.94 0.00	38.32 1.40 0.00	42.34 1.78 0.00	45.37 2.16 0.00	46.65 2.31 0.00	46.60 2.55 0.00	51.59 2.97 0.00	54.38 3.17 0.00	55.42 3.38 0.00	56.10 3.57 0.00	61.24 4.22 0.00	61.64 4.25 0.00	65.65 4.81 0.00	65.87 4.37 0.00	66.47 4.41 0.01	64.18 3.46 0.01	58.63 3.06 0.01	52.40 2.50 0.00	45.32 1.99 0.00

RANKINE_____	35.52	33.53	30.21	29.09	29.31	32.24	33.97	36.76	38.91	40.22	39.53	42.00	43.58	44.71	41.05	46.39	42.53	47.49	52.14	53.08	51.87	46.78	42.98	38.03
23646	-3.47	-2.96	-2.56	-2.56	-2.38	-2.54	-2.95	-3.77	-4.28	-4.12	-4.10	-4.13	-4.40	-4.48	-4.62	-5.07	-5.39	-5.35	-5.66	-6.52	-6.56	-6.23	-5.29	-4.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.41	2.50	3.22	2.86	6.85	5.55	9.47	8.00	3.71	2.48	2.29	2.58	1.63	0.87
RAVENSWOOD_GT2_1	40.87	38.17	34.28	33.08	33.05	36.03	38.73	42.87	46.02	47.32	47.39	52.52	55.35	56.36	57.05	62.32	62.67	66.68	66.91	67.47	65.09	59.41	53.10	45.88
24244	1.87	1.68	1.51	1.42	1.36	1.25	1.81	2.31	2.81	2.97	3.35	3.89	4.15	4.32	4.52	5.30	5.28	5.84	5.41	5.40	4.37	3.84	3.19	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT2_2	40.87	38.17	34.28	33.08	33.05	36.03	38.73	42.87	46.02	47.32	47.39	52.52	55.35	56.36	57.05	62.32	62.67	66.68	66.91	67.47	65.09	59.41	53.10	45.88
24245	1.87	1.68	1.51	1.42	1.36	1.25	1.81	2.31	2.81	2.97	3.35	3.89	4.15	4.32	4.52	5.30	5.28	5.84	5.41	5.40	4.37	3.84	3.19	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT2_3	40.91	38.17	34.28	33.08	33.08	36.06	38.77	42.87	46.02	47.36	47.44	52.52	55.35	56.36	57.05	62.32	62.73	66.74	66.91	67.53	65.09	59.47	53.15	45.92
24246	1.91	1.68	1.51	1.42	1.39	1.29	1.85	2.31	2.81	3.02	3.39	3.89	4.15	4.32	4.52	5.30	5.34	5.90	5.41	5.46	4.37	3.89	3.24	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT2_4	40.91	38.17	34.28	33.08	33.08	36.06	38.77	42.87	46.02	47.36	47.44	52.52	55.35	56.36	57.05	62.32	62.73	66.74	66.91	67.53	65.09	59.47	53.15	45.92
24247	1.91	1.68	1.51	1.42	1.39	1.29	1.85	2.31	2.81	3.02	3.39	3.89	4.15	4.32	4.52	5.30	5.34	5.90	5.41	5.46	4.37	3.89	3.24	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT3_1	40.91	38.17	34.28	33.08	33.08	36.03	38.73	42.87	46.02	47.32	47.39	52.52	55.35	56.36	57.05	62.32	62.67	66.74	66.91	67.53	65.09	59.41	53.10	45.88
24248	1.91	1.68	1.51	1.42	1.39	1.25	1.81	2.31	2.81	2.97	3.35	3.89	4.15	4.32	4.52	5.30	5.28	5.90	5.41	5.46	4.37	3.84	3.19	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT3_2	40.91	38.17	34.28	33.08	33.08	36.03	38.73	42.87	46.02	47.32	47.39	52.52	55.35	56.36	57.05	62.32	62.67	66.74	66.91	67.53	65.09	59.41	53.10	45.88
24249	1.91	1.68	1.51	1.42	1.39	1.25	1.81	2.31	2.81	2.97	3.35	3.89	4.15	4.32	4.52	5.30	5.28	5.90	5.41	5.46	4.37	3.84	3.19	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT3_3	40.95	38.21	34.31	33.11	33.11	36.09	38.80	42.91	46.06	47.40	47.48	52.57	55.40	56.41	57.10	62.43	62.79	66.81	66.97	67.59	65.15	59.52	53.20	45.97
24250	1.95	1.72	1.54	1.46	1.43	1.32	1.88	2.35	2.85	3.06	3.44	3.94	4.20	4.37	4.57	5.42	5.39	5.96	5.47	5.52	4.43	3.95	3.29	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT3_4	40.95	38.21	34.31	33.11	33.11	36.09	38.80	42.91	46.06	47.40	47.48	52.57	55.40	56.41	57.10	62.43	62.79	66.81	66.97	67.59	65.15	59.52	53.20	45.97
24251	1.95	1.72	1.54	1.46	1.43	1.32	1.88	2.35	2.85	3.06	3.44	3.94	4.20	4.37	4.57	5.42	5.39	5.96	5.47	5.52	4.43	3.95	3.29	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT_1	40.98	38.24	34.34	33.14	33.14	36.03	38.73	42.87	46.02	47.36	47.48	52.62	55.45	56.41	57.05	62.43	62.79	66.81	66.97	67.53	65.09	59.41	53.20	45.97
23729	1.99	1.75	1.57	1.49	1.46	1.25	1.81	2.31	2.81	3.02	3.44	3.99	4.25	4.37	4.52	5.42	5.39	5.96	5.47	5.46	4.37	3.84	3.29	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT_10	40.87	38.17	34.28	33.08	33.05	36.03	38.73	42.87	46.02	47.36	47.39	52.52	55.35	56.36	57.05	62.32	62.67	66.74	66.91	67.53	65.09	59.41	53.10	45.88
24258	1.87	1.68	1.51	1.42	1.36	1.25	1.81	2.31	2.81	3.02	3.35	3.89	4.15	4.32	4.52	5.30	5.28	5.90	5.41	5.46	4.37	3.84	3.19	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT_11	40.87	38.17	34.28	33.08	33.05	36.03	38.73	42.87	46.02	47.36	47.39	52.52	55.35	56.36	57.05	62.32	62.67	66.74	66.91	67.53	65.09	59.41	53.10	45.88
24259	1.87	1.68	1.51	1.42	1.36	1.25	1.81	2.31	2.81	3.02	3.35	3.89	4.15	4.32	4.52	5.30	5.28	5.90	5.41	5.46	4.37	3.84	3.19	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT_4	40.91	38.17	34.28	33.08	33.08	36.03	38.73	42.87	46.02	47.36	47.44	52.52	55.35	56.36	57.05	62.32	62.73	66.74	66.91	67.53	65.09	59.41	53.15	45.92
24252	1.91	1.68	1.51	1.42	1.39	1.25	1.81	2.31	2.81	3.02	3.39	3.89	4.15	4.32	4.52	5.30	5.34	5.90	5.41	5.46	4.37	3.84	3.24	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT_5	40.91	38.17	34.28	33.08	33.08	36.03	38.73	42.87	46.02	47.36	47.44	52.52	55.35	56.36	57.05	62.32	62.73	66.74	66.91	67.53	65.09	59.41	53.15	45.92
24254	1.91	1.68	1.51	1.42	1.39	1.25	1.81	2.31	2.81	3.02	3.39	3.89	4.15	4.32	4.52	5.30	5.34	5.90	5.41	5.46	4.37	3.84	3.24	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
RAVENSWOOD_GT_6	40.91	38.17	34.28	33.08	33.08	36.03	38.73	42.87	46.02	47.36	47.44	52.52	55.35	56.36	57.05	62.32	62.73	66.74	66.91	67.53	65.09	59.41	53.15	45.92
24253	1.91	1.68	1.51	1.42	1.39	1.25	1.81	2.31	2.81	3.02	3.39	3.89	4.15	4.32	4.52	5.30	5.34	5.90	5.41	5.46	4.37	3.84	3.24	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00

RAVENSWOOD_GT_7 24255	40.91 1.91 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.42 0.00	33.08 1.39 0.00	36.03 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.44 3.39 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.53 5.46 0.01	65.09 4.37 0.01	59.41 3.84 0.01	53.15 3.24 0.00	45.92 2.60 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.42 0.00	33.05 1.36 0.00	36.03 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.53 5.46 0.01	65.09 4.37 0.01	59.41 3.84 0.01	53.10 3.19 0.00	45.88 2.56 0.00
RAVENSWOOD_GT_9 24257	40.87 1.87 0.00	38.17 1.68 0.00	34.28 1.51 0.00	33.08 1.42 0.00	33.05 1.36 0.00	36.03 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.32 5.30 0.00	62.67 5.28 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.53 5.46 0.01	65.09 4.37 0.01	59.41 3.84 0.01	53.10 3.19 0.00	45.88 2.56 0.00
RAVENSWOOD___1 23533	40.94 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.14 1.49 0.00	33.11 1.43 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.41 4.37 0.00	57.10 4.57 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.46 5.40 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.20 3.29 0.00	45.97 2.64 0.00
RAVENSWOOD___2 23534	40.94 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.44 3.39 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.41 4.37 0.00	57.10 4.57 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.40 5.34 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.20 3.29 0.00	45.97 2.64 0.00
RAVENSWOOD___3 23535	40.87 1.87 0.00	38.13 1.64 0.00	34.28 1.51 0.00	33.08 1.43 0.00	33.05 1.36 0.00	36.02 1.25 0.00	38.73 1.81 0.00	42.87 2.31 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.39 3.35 0.00	52.52 3.89 0.00	55.35 4.15 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.26 5.24 0.00	62.67 5.28 0.00	66.63 5.78 0.00	66.85 5.35 0.00	67.40 5.34 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.10 3.20 0.00	45.88 2.56 0.00
RAVENSWOOD___4 23820	40.94 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.44 3.39 0.00	52.62 3.99 0.00	55.40 4.20 0.00	56.41 4.37 0.00	57.10 4.57 0.00	62.32 5.30 0.00	62.73 5.34 0.00	66.74 5.90 0.00	66.91 5.41 0.00	67.40 5.34 0.01	65.09 4.37 0.01	59.36 3.78 0.01	53.20 3.29 0.00	45.97 2.64 0.00
RCPL_TRUST___DRP 24196	40.91 1.91 0.00	38.35 1.86 0.00	34.31 1.54 0.00	33.08 1.42 0.00	33.08 1.39 0.00	36.09 1.32 0.00	38.80 1.88 0.00	42.95 2.39 0.00	46.10 2.89 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.15 4.62 0.00	62.43 5.42 0.00	62.79 5.39 0.00	66.87 6.02 0.00	67.04 5.54 0.00	67.65 5.59 0.01	65.15 4.43 0.01	59.52 3.95 0.01	53.15 3.24 0.00	45.92 2.60 0.00
RED___ROCHESTER 323720	37.12 -1.87 0.00	34.85 -1.64 0.00	31.36 -1.41 0.00	30.29 -1.36 0.00	30.45 -1.24 0.00	33.49 -1.29 0.00	35.48 -1.44 0.00	38.89 -1.66 0.00	41.31 -1.90 0.00	42.92 -1.42 0.00	42.75 -0.97 0.32	44.79 -2.00 1.84	46.91 -2.25 2.04	47.60 -2.34 2.09	47.07 -2.62 2.83	51.28 -2.85 2.89	50.09 -3.21 4.09	53.99 -3.10 3.75	55.93 -2.83 2.75	57.28 -2.36 2.44	56.04 -2.43 2.25	50.44 -2.61 2.53	46.01 -2.05 1.85	40.60 -1.73 0.99
REGAN___SOLAR 323812	40.75 1.76 0.00	38.17 1.68 0.00	34.25 1.48 0.00	32.98 1.33 0.00	33.11 1.43 0.00	36.27 1.49 0.00	38.62 1.70 0.00	42.14 1.58 0.00	44.72 1.51 0.00	45.63 1.29 0.00	45.41 1.37 0.00	50.38 1.75 0.00	53.20 1.99 0.00	54.17 2.13 0.00	54.89 2.37 0.00	59.70 2.68 0.00	60.03 2.64 0.00	64.00 3.16 0.00	64.88 3.38 0.00	65.66 3.60 0.01	64.12 3.40 0.01	58.69 3.11 0.01	52.60 2.69 0.00	45.49 2.17 0.00
RENSSELAER___COGEN 23796	39.23 0.24 0.00	36.67 0.18 0.00	33.00 0.23 0.00	31.85 0.19 0.00	31.91 0.22 0.00	34.88 0.10 0.00	37.29 0.37 0.00	40.92 0.36 0.00	43.60 0.39 0.00	44.66 0.31 0.00	44.44 0.40 0.00	49.16 0.54 0.00	51.82 0.62 0.00	52.77 0.73 0.00	53.32 0.79 0.00	57.87 0.86 0.00	58.31 0.92 0.00	61.69 0.85 0.00	62.24 0.74 0.00	62.69 0.62 0.00	61.09 0.37 0.00	55.97 0.39 0.00	50.10 0.20 0.00	43.54 0.22 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.27 3.28 0.00	39.67 3.17 0.00	35.56 2.79 0.00	34.12 2.47 0.00	34.38 2.69 0.00	37.56 2.78 0.00	40.32 3.40 0.00	44.17 3.61 0.00	47.23 4.02 0.00	48.02 3.68 0.00	47.57 3.52 0.00	53.35 4.72 0.00	56.01 4.81 0.00	56.83 4.79 0.00	57.68 5.15 0.00	62.38 5.36 0.00	62.62 5.22 0.00	66.68 5.84 0.00	67.96 6.46 0.00	68.59 6.52 0.00	67.65 6.92 0.00	62.03 6.45 0.00	55.39 5.49 0.00	47.74 4.42 0.00
REVERE_CPPR_DRP 24186	39.78 0.78 0.00	37.22 0.73 0.00	33.49 0.72 0.00	32.38 0.73 0.00	32.32 0.63 0.00	35.64 0.87 0.00	37.92 1.00 0.00	41.81 1.26 0.00	44.55 1.34 0.00	45.50 1.15 0.00	45.14 1.15 0.05	49.60 1.26 0.29	52.12 1.13 0.20	52.82 0.99 0.21	53.49 1.26 0.30	58.16 1.37 0.23	58.10 1.21 0.50	61.88 1.52 0.48	62.61 1.54 0.43	63.46 1.80 0.41	62.11 1.76 0.38	56.77 1.61 0.43	51.14 1.55 0.31	44.42 1.26 0.17
REYNLDDPA_13_KV_LD 356490	39.31 0.31 0.00	36.89 0.40 0.00	32.97 0.20 0.00	31.91 0.25 0.00	31.91 0.22 0.00	35.16 0.38 0.00	37.11 0.19 0.00	40.80 0.24 0.00	43.47 0.26 0.00	44.57 0.22 0.00	44.13 0.09 0.00	48.68 0.05 0.00	51.25 0.05 0.00	51.78 -0.26 0.00	51.90 -0.63 0.00	56.22 -0.80 0.00	56.65 -0.75 0.00	59.93 -0.91 0.00	60.70 -0.80 0.00	61.26 -0.81 0.00	60.24 -0.49 0.00	55.36 -0.22 0.00	50.20 0.30 0.00	43.80 0.48 0.00
REYNOLDS_115KV_TB3 80639	39.46 0.47 0.00	36.89 0.40 0.00	33.16 0.39 0.00	32.03 0.38 0.00	32.10 0.41 0.00	35.09 0.31 0.00	37.51 0.59 0.00	41.12 0.57 0.00	43.81 0.60 0.00	44.88 0.53 0.00	44.70 0.66 0.00	49.45 0.83 0.00	52.12 0.92 0.00	53.08 1.04 0.00	53.68 1.16 0.00	58.27 1.25 0.00	58.71 1.32 0.00	62.06 1.22 0.00	62.61 1.11 0.00	63.07 0.99 0.00	61.45 0.73 0.00	56.31 0.72 0.00	50.35 0.45 0.00	43.76 0.43 0.00

RIVERBAY____ 323610	41.61 2.61 0.00	38.79 2.30 0.00	34.83 2.06 0.00	33.62 1.96 0.00	33.59 1.90 0.00	36.41 1.63 0.00	39.17 2.25 0.00	43.31 2.76 0.00	46.54 3.33 0.00	47.85 3.50 0.00	47.96 3.92 0.00	53.15 4.52 0.00	56.01 4.81 0.00	56.93 4.89 0.00	57.62 5.10 0.00	63.06 6.04 0.00	63.42 6.03 0.00	67.47 6.63 0.00	67.65 6.15 0.00	68.27 6.21 0.01	65.76 5.04 0.01	60.02 4.45 0.01	53.80 3.89 0.00	46.57 3.25 0.00
RIVERSIDE_115KV_TB3 55908	39.39 0.39 0.00	36.82 0.33 0.00	33.10 0.33 0.00	31.97 0.32 0.00	32.00 0.32 0.00	35.02 0.24 0.00	37.44 0.52 0.00	41.08 0.53 0.00	43.77 0.56 0.00	44.83 0.49 0.00	44.66 0.62 0.00	49.36 0.73 0.00	52.07 0.87 0.00	52.98 0.94 0.00	53.58 1.05 0.00	58.16 1.14 0.00	58.60 1.21 0.00	61.94 1.10 0.00	62.55 1.05 0.00	62.94 0.87 0.00	61.39 0.67 0.00	56.25 0.67 0.00	50.30 0.40 0.00	43.71 0.39 0.00
ROARING____BROOK_WT_PWR 323790	38.84 -0.16 0.00	36.35 -0.15 0.00	32.57 -0.20 0.00	31.47 -0.19 0.00	31.53 -0.16 0.00	34.63 -0.14 0.00	36.77 -0.15 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.21 -0.13 0.00	43.87 -0.18 0.00	48.43 -0.19 0.00	50.95 -0.25 0.00	51.73 -0.31 0.00	52.21 -0.31 0.00	56.68 -0.34 0.00	57.05 -0.34 0.00	60.48 -0.36 0.00	61.13 -0.37 0.00	61.70 -0.37 0.00	60.42 -0.30 0.00	55.31 -0.28 0.00	49.70 -0.20 0.00	43.19 -0.13 0.00
ROCHESRG_115KV_T4 355643	36.69 -2.30 0.00	34.48 -2.01 0.00	31.03 -1.74 0.00	29.98 -1.68 0.00	30.13 -1.55 0.00	33.10 -1.67 0.00	35.08 -1.85 0.00	38.20 -2.35 0.00	40.53 -2.68 0.00	42.04 -2.31 0.00	41.73 -1.98 0.33	43.66 -3.06 1.90	45.71 -3.38 2.11	46.39 -3.49 2.16	45.79 -3.73 3.01	49.88 -4.11 3.03	48.65 -4.36 4.38	52.47 -4.38 3.99	54.61 -4.06 2.83	56.00 -3.60 2.47	54.79 -3.64 2.29	49.40 -3.61 2.57	45.23 -2.79 1.88	39.93 -2.38 1.01
ROCHESTER_9_IC 23652	36.93 -2.07 0.00	34.70 -1.79 0.00	31.23 -1.54 0.00	30.17 -1.49 0.00	30.32 -1.36 0.00	33.35 -1.43 0.00	35.33 -1.59 0.00	38.65 -1.91 0.00	41.00 -2.20 0.00	42.57 -1.77 0.00	42.31 -1.41 0.32	44.41 -2.38 1.84	46.46 -2.71 2.03	47.14 -2.81 2.09	46.67 -3.05 2.81	50.73 -3.42 2.87	49.62 -3.73 4.04	53.47 -3.65 3.72	55.38 -3.38 2.73	56.72 -2.92 2.43	55.50 -2.98 2.25	50.00 -3.06 2.53	45.72 -2.35 1.84	40.39 -1.95 0.99
ROCKVIEW_13_KV_LD 356306	40.87 1.87 0.00	38.13 1.64 0.00	34.28 1.51 0.00	33.08 1.42 0.00	33.08 1.39 0.00	36.06 1.29 0.00	38.73 1.81 0.00	42.83 2.27 0.00	45.97 2.77 0.00	47.27 2.93 0.00	47.35 3.30 0.00	52.42 3.79 0.00	55.30 4.10 0.00	56.31 4.27 0.00	57.05 4.52 0.00	62.26 5.25 0.00	62.67 5.28 0.00	66.68 5.84 0.00	66.85 5.35 0.00	67.47 5.40 0.01	65.09 4.37 0.01	59.47 3.89 0.01	53.10 3.19 0.00	45.88 2.56 0.00
ROME____115KV_TB2 80656	39.78 0.78 0.00	37.22 0.73 0.00	33.49 0.72 0.00	32.38 0.73 0.00	32.32 0.63 0.00	35.64 0.87 0.00	37.92 1.00 0.00	41.81 1.26 0.00	44.55 1.34 0.00	45.50 1.15 0.00	45.14 1.15 0.05	49.60 1.26 0.29	52.12 1.13 0.20	52.82 0.99 0.21	53.49 1.26 0.30	58.16 1.37 0.23	58.10 1.21 0.50	61.88 1.52 0.48	62.61 1.54 0.43	63.46 1.80 0.41	62.11 1.76 0.38	56.77 1.61 0.43	51.14 1.55 0.31	44.42 1.26 0.17
ROSETON____1 23587	40.40 1.40 0.00	37.69 1.20 0.00	33.88 1.11 0.00	32.73 1.08 0.00	32.70 1.01 0.00	35.71 0.94 0.00	38.29 1.37 0.00	42.26 1.70 0.00	45.28 2.07 0.00	46.56 2.22 0.00	46.51 2.46 0.00	51.50 2.87 0.00	54.27 3.07 0.00	55.27 3.23 0.00	55.94 3.41 0.00	60.95 3.93 0.00	61.41 4.02 0.00	65.23 4.38 0.00	65.56 4.06 0.00	66.10 4.03 0.01	63.99 3.28 0.01	58.41 2.83 0.01	52.20 2.30 0.00	45.19 1.86 0.00
ROSETON____2 23588	40.40 1.40 0.00	37.69 1.20 0.00	33.88 1.11 0.00	32.73 1.08 0.00	32.70 1.01 0.00	35.71 0.94 0.00	38.29 1.37 0.00	42.26 1.70 0.00	45.28 2.07 0.00	46.56 2.22 0.00	46.51 2.46 0.00	51.50 2.87 0.00	54.27 3.07 0.00	55.27 3.23 0.00	55.94 3.41 0.00	60.95 3.93 0.00	61.41 4.02 0.00	65.23 4.38 0.00	65.56 4.06 0.00	66.10 4.03 0.01	63.99 3.28 0.01	58.41 2.83 0.01	52.20 2.30 0.00	45.19 1.86 0.00
ROTTDRAM_115KV_TB3 80664	39.78 0.78 0.00	37.18 0.69 0.00	33.43 0.66 0.00	32.26 0.60 0.00	32.32 0.63 0.00	35.36 0.59 0.00	37.73 0.81 0.00	41.45 0.89 0.00	44.16 0.95 0.00	45.28 0.93 0.00	45.01 0.97 0.00	49.84 1.22 0.00	52.48 1.28 0.00	53.39 1.35 0.00	54.00 1.47 0.00	58.61 1.60 0.00	59.00 1.61 0.00	62.55 1.70 0.00	63.16 1.66 0.00	63.69 1.61 0.00	62.18 1.46 0.00	56.92 1.33 0.00	51.00 1.10 0.00	44.19 0.87 0.00
RUSSELL____1 23602	37.12 -1.87 0.00	34.85 -1.64 0.00	31.36 -1.41 0.00	30.29 -1.36 0.00	30.45 -1.24 0.00	33.49 -1.29 0.00	35.48 -1.44 0.00	38.89 -1.66 0.00	41.30 -1.90 0.00	42.92 -1.42 0.00	42.66 -1.06 0.32	44.79 -1.99 1.84	46.91 -2.25 2.04	47.60 -2.34 2.09	47.07 -2.63 2.83	51.16 -2.96 2.89	50.04 -3.27 4.09	53.93 -3.16 3.75	55.80 -2.95 2.75	57.15 -2.48 2.44	55.86 -2.61 2.25	50.32 -2.72 2.53	46.01 -2.05 1.85	40.60 -1.73 0.99
RUSSELL____2 23532	37.12 -1.87 0.00	34.85 -1.64 0.00	31.36 -1.41 0.00	30.29 -1.36 0.00	30.45 -1.24 0.00	33.49 -1.29 0.00	35.48 -1.44 0.00	38.89 -1.66 0.00	41.30 -1.90 0.00	42.92 -1.42 0.00	42.66 -1.06 0.32	44.79 -1.99 1.84	46.91 -2.25 2.04	47.60 -2.34 2.09	47.07 -2.63 2.83	51.16 -2.96 2.89	50.04 -3.27 4.09	53.93 -3.16 3.75	55.80 -2.95 2.75	57.15 -2.48 2.44	55.86 -2.61 2.25	50.32 -2.72 2.53	46.01 -2.05 1.85	40.60 -1.73 0.99
RUSSELL____3 23549	37.12 -1.87 0.00	34.85 -1.64 0.00	31.36 -1.41 0.00	30.29 -1.36 0.00	30.45 -1.24 0.00	33.49 -1.29 0.00	35.48 -1.44 0.00	38.89 -1.66 0.00	41.30 -1.90 0.00	42.92 -1.42 0.00	42.66 -1.06 0.32	44.79 -1.99 1.84	46.91 -2.25 2.04	47.60 -2.34 2.09	47.07 -2.63 2.83	51.16 -2.96 2.89	50.04 -3.27 4.09	53.93 -3.16 3.75	55.80 -2.95 2.75	57.15 -2.48 2.44	55.86 -2.61 2.25	50.32 -2.72 2.53	46.01 -2.05 1.85	40.60 -1.73 0.99
RUSSELL____4 23556	37.12 -1.87 0.00	34.85 -1.64 0.00	31.36 -1.41 0.00	30.29 -1.36 0.00	30.45 -1.24 0.00	33.49 -1.29 0.00	35.48 -1.44 0.00	38.89 -1.66 0.00	41.30 -1.90 0.00	42.92 -1.42 0.00	42.66 -1.06 0.32	44.79 -1.99 1.84	46.91 -2.25 2.04	47.60 -2.34 2.09	47.07 -2.63 2.83	51.16 -2.96 2.89	50.04 -3.27 4.09	53.93 -3.16 3.75	55.80 -2.95 2.75	57.15 -2.48 2.44	55.86 -2.61 2.25	50.32 -2.72 2.53	46.01 -2.05 1.85	40.60 -1.73 0.99
RUSSELL____STATION 23914	37.12 -1.87 0.00	34.85 -1.64 0.00	31.36 -1.41 0.00	30.29 -1.36 0.00	30.45 -1.24 0.00	33.49 -1.29 0.00	35.48 -1.44 0.00	38.89 -1.66 0.00	41.30 -1.90 0.00	42.92 -1.42 0.00	42.66 -1.06 0.32	44.79 -1.99 1.84	46.91 -2.25 2.04	47.60 -2.34 2.09	47.07 -2.63 2.83	51.16 -2.96 2.89	50.04 -3.27 4.09	53.93 -3.16 3.75	55.80 -2.95 2.75	57.15 -2.48 2.44	55.86 -2.61 2.25	50.32 -2.72 2.53	46.01 -2.05 1.85	40.60 -1.73 0.99

S SALMON___HYD 24043	38.64 -0.35 0.00	36.20 -0.29 0.00	32.54 -0.23 0.00	31.43 -0.22 0.00	31.43 -0.25 0.00	34.63 -0.14 0.00	36.85 -0.07 0.00	40.48 -0.08 0.00	43.08 -0.13 0.00	44.08 -0.26 0.00	43.81 -0.31 -0.07	48.56 -0.49 -0.42	51.42 -0.61 -0.83	52.17 -0.78 -0.91	52.54 -0.79 -0.80	57.50 -0.80 -1.28	57.15 -0.98 -0.73	60.64 -0.91 -0.71	61.32 -0.80 -0.62	62.11 -0.56 -0.60	60.73 -0.55 -0.55	55.70 -0.50 -0.62	50.10 -0.25 -0.45	43.35 -0.22 -0.24
S.PERRY___115KV_TB1 80734	38.10 -0.90 0.00	35.83 -0.66 0.00	32.25 -0.52 0.00	31.12 -0.54 0.00	31.30 -0.38 0.00	34.46 -0.31 0.00	36.52 -0.41 0.00	39.74 -0.89 -0.07	41.81 -1.47 -0.07	43.01 -1.33 0.00	42.79 -1.45 -0.20	48.18 -2.09 -1.65	52.49 -2.20 -3.49	51.71 -2.29 -1.96	63.92 -2.31 -13.70	63.20 -2.45 -8.63	78.75 -2.58 -23.94	77.11 -2.13 -18.39	62.18 -1.72 -2.40	58.95 -1.18 1.94	57.83 -1.09 1.80	52.23 -1.33 2.02	47.61 -0.90 1.39	41.80 -0.78 0.75
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.17 -3.82 0.00	33.24 -3.25 0.00	29.98 -2.79 0.00	28.87 -2.79 0.00	29.05 -2.63 0.00	31.96 -2.82 0.00	33.67 -3.25 0.00	36.36 -4.18 0.02	38.48 -4.71 0.02	39.87 -4.48 0.00	39.36 -4.27 0.41	41.13 -5.01 2.49	42.71 -5.32 3.16	43.67 -5.52 2.85	40.34 -5.67 6.51	45.44 -6.21 5.36	41.72 -6.60 9.07	46.57 -6.57 7.70	51.29 -6.52 3.69	52.61 -6.89 2.58	51.42 -6.92 2.38	46.29 -6.61 2.68	42.83 -5.39 1.68	37.91 -4.51 0.90
SAWYER___23_KV_LOAD 55526	35.17 -3.82 0.00	33.24 -3.25 0.00	29.98 -2.79 0.00	28.87 -2.79 0.00	29.05 -2.63 0.00	31.96 -2.82 0.00	33.67 -3.25 0.00	36.36 -4.18 0.02	38.48 -4.71 0.02	39.87 -4.48 0.00	39.36 -4.27 0.41	41.13 -5.01 2.49	42.71 -5.32 3.16	43.67 -5.52 2.85	40.34 -5.67 6.51	45.44 -6.21 5.36	41.72 -6.60 9.07	46.57 -6.57 7.70	51.29 -6.52 3.69	52.61 -6.89 2.58	51.42 -6.92 2.38	46.29 -6.61 2.68	42.83 -5.39 1.68	37.91 -4.51 0.90
SELKIRK___I 23801	39.66 0.66 0.00	37.11 0.62 0.00	33.36 0.59 0.00	32.19 0.54 0.00	32.26 0.57 0.00	35.26 0.49 0.00	37.62 0.70 0.00	41.24 0.69 0.00	43.99 0.78 0.00	45.05 0.71 0.00	44.79 0.75 0.00	49.55 0.92 0.00	52.22 1.02 0.00	53.18 1.14 0.00	53.74 1.21 0.00	58.33 1.31 0.00	58.71 1.32 0.00	62.24 1.40 0.00	62.79 1.29 0.00	63.31 1.24 0.00	61.76 1.03 0.00	56.58 1.00 0.00	50.70 0.80 0.00	44.01 0.69 0.00
SELKIRK___II 23799	39.39 0.39 0.00	36.78 0.29 0.00	33.10 0.33 0.00	31.94 0.28 0.00	32.00 0.32 0.00	34.98 0.21 0.00	37.37 0.44 0.00	41.04 0.49 0.00	43.73 0.52 0.00	44.83 0.49 0.00	44.62 0.57 0.00	49.31 0.68 0.00	51.97 0.77 0.00	52.92 0.88 0.00	53.47 0.95 0.00	58.04 1.03 0.00	58.43 1.03 0.00	61.88 1.03 0.00	62.42 0.92 0.00	62.94 0.87 0.00	61.33 0.61 0.00	56.20 0.61 0.00	50.30 0.40 0.00	43.67 0.34 0.00
SENECA OSWGO___HYD 24041	38.10 -0.90 0.00	35.69 -0.80 0.00	32.05 -0.72 0.00	30.96 -0.70 0.00	30.99 -0.70 0.00	34.04 -0.73 0.00	36.26 -0.66 0.00	39.75 -0.81 0.00	42.30 -0.91 0.00	43.46 -0.89 0.00	43.29 -0.97 -0.21	48.65 -1.17 -1.19	51.82 -1.23 -1.84	52.78 -1.25 -1.99	53.13 -1.31 -1.92	58.25 -1.48 -2.72	57.92 -1.55 -2.08	61.27 -1.58 -2.01	61.74 -1.54 -1.78	62.35 -1.43 -1.70	60.78 -1.52 -1.57	55.91 -1.45 -1.77	49.93 -1.25 -1.28	42.88 -1.13 -0.68
SENECA___115KV_TB3 355854	35.56 -3.43 0.00	33.54 -2.95 0.00	30.25 -2.52 0.00	29.12 -2.53 0.00	29.34 -2.34 0.00	32.27 -2.50 0.00	34.00 -2.92 0.00	36.80 -3.73 0.02	38.95 -4.23 0.02	40.31 -4.03 0.00	39.62 -4.01 0.41	42.05 -4.08 2.50	43.68 -4.30 3.22	44.86 -4.32 2.86	41.10 -4.57 6.85	46.62 -4.85 5.55	42.59 -5.34 9.47	47.61 -5.23 8.00	52.26 -5.53 3.71	53.33 -6.27 2.48	52.12 -6.32 2.29	46.95 -6.06 2.58	43.08 -5.19 1.63	38.08 -4.37 0.87
SENECA___ENERGY 23797	38.22 -0.78 0.00	35.83 -0.66 0.00	32.18 -0.59 0.00	31.09 -0.57 0.00	31.18 -0.51 0.00	34.29 -0.49 0.00	36.48 -0.44 0.00	39.99 -0.57 -0.01	42.48 -0.73 -0.01	43.72 -0.62 0.00	43.38 -0.62 0.04	47.59 -0.83 0.21	50.46 -0.87 -0.13	51.13 -0.94 -0.03	52.12 -1.11 -0.70	56.37 -1.20 -0.55	57.01 -1.49 -1.10	60.24 -1.34 -0.74	60.13 -1.05 0.32	60.48 -1.00 0.60	59.01 -1.16 0.56	53.79 -1.17 0.62	48.60 -0.85 0.45	42.30 -0.78 0.24
SHOEMAKER___GT 23640	40.16 1.17 0.00	37.51 1.02 0.00	33.72 0.95 0.00	32.57 0.92 0.00	32.54 0.86 0.00	35.54 0.76 0.00	38.07 1.15 0.00	41.97 1.42 0.00	44.89 1.68 0.00	46.12 1.78 0.00	45.98 1.94 0.00	50.91 2.29 0.00	53.66 2.46 0.00	54.69 2.65 0.00	55.31 2.78 0.00	60.27 3.25 0.00	60.72 3.33 0.00	64.55 3.71 0.00	64.88 3.38 0.00	65.54 3.47 0.01	63.45 2.74 0.01	57.96 2.39 0.01	51.85 1.94 0.00	44.88 1.56 0.00
SHOEMAKR_138KV_BK 111 55601	40.17 1.17 0.00	37.51 1.02 0.00	33.72 0.95 0.00	32.57 0.92 0.00	32.54 0.86 0.00	35.54 0.77 0.00	38.07 1.14 0.00	42.02 1.46 0.00	44.94 1.73 0.00	46.16 1.82 0.00	46.03 1.98 0.00	50.96 2.33 0.00	53.71 2.51 0.00	54.69 2.65 0.00	55.36 2.84 0.00	60.38 3.36 0.00	60.78 3.39 0.00	64.68 3.83 0.00	64.94 3.44 0.00	65.60 3.54 0.01	63.45 2.73 0.01	58.02 2.45 0.01	51.85 1.95 0.00	44.88 1.56 0.00
SHOREHAM_IC_1 23715	41.10 2.10 0.00	38.24 1.75 0.00	34.54 1.77 0.00	33.21 1.55 0.00	33.11 1.43 0.00	35.85 1.08 0.00	38.51 1.59 0.00	42.62 2.07 0.00	45.80 2.59 0.00	47.27 2.93 0.00	47.04 3.00 0.00	51.54 2.92 0.00	54.52 3.33 0.00	56.14 4.11 0.00	56.94 4.41 0.00	64.04 5.42 -1.61	63.60 5.46 -0.75	68.42 5.90 -1.68	66.54 5.04 0.00	69.26 5.52 -1.67	64.96 4.25 0.01	60.47 4.00 -0.88	51.75 1.85 0.00	45.75 2.42 0.00
SHOREHAM_IC_2 23716	41.10 2.10 0.00	38.24 1.75 0.00	34.54 1.77 0.00	33.21 1.55 0.00	33.11 1.43 0.00	35.85 1.08 0.00	38.51 1.59 0.00	42.62 2.07 0.00	45.80 2.59 0.00	47.27 2.93 0.00	47.04 3.00 0.00	51.54 2.92 0.00	54.52 3.33 0.00	56.14 4.11 0.00	56.94 4.41 0.00	64.04 5.42 -1.61	63.60 5.46 -0.75	68.42 5.90 -1.68	66.54 5.04 0.00	69.26 5.52 -1.67	64.96 4.25 0.01	60.47 4.00 -0.88	51.75 1.85 0.00	45.75 2.42 0.00
SISSONVILLE____ 23735	38.84 -0.16 0.00	36.45 -0.04 0.00	32.57 -0.20 0.00	31.56 -0.09 0.00	31.49 -0.19 0.00	34.77 0.00 0.00	36.66 -0.26 0.00	40.35 -0.20 0.00	42.99 -0.22 0.00	43.94 -0.40 0.00	43.47 -0.57 0.00	47.90 -0.73 0.00	50.33 -0.87 0.00	50.79 -1.25 0.00	51.00 -1.52 0.00	55.25 -1.77 0.00	55.73 -1.66 0.00	58.96 -1.89 0.00	59.90 -1.60 0.00	60.58 -1.49 0.00	59.57 -1.15 0.00	54.86 -0.72 0.00	49.65 -0.25 0.00	43.58 0.26 0.00
SITHE_IND_GS1 24169	37.79 -1.21 0.00	35.36 -1.13 0.00	31.79 -0.98 0.00	30.71 -0.95 0.00	30.73 -0.95 0.00	33.76 -1.01 0.00	35.89 -1.03 0.00	39.34 -1.22 0.00	41.78 -1.42 0.00	42.92 -1.42 0.00	40.51 -1.50 2.04	35.38 -1.75 11.50	35.38 -1.89 13.93	35.22 -1.92 14.90	34.66 -2.00 15.87	35.54 -2.11 19.37	35.19 -2.18 20.02	39.25 -2.25 19.35	42.16 -2.21 17.13	43.51 -2.17 16.39	43.38 -2.18 15.16	36.48 -2.06 17.04	35.81 -1.79 12.30	35.17 -1.56 6.60

SITHE_IND_GS2 24170	37.79 -1.21 0.00	35.36 -1.13 0.00	31.79 -0.98 0.00	30.71 -0.95 0.00	30.73 -0.95 0.00	33.76 -1.01 0.00	35.89 -1.03 0.00	39.34 -1.22 0.00	41.78 -1.42 0.00	42.92 -1.42 0.00	40.51 -1.50 2.04	35.38 -1.75 11.50	35.38 -1.89 13.93	35.22 -1.92 14.90	34.66 -2.00 15.87	35.54 -2.11 19.37	35.19 -2.18 20.02	39.25 -2.25 19.35	42.16 -2.21 17.13	43.51 -2.17 16.39	43.38 -2.18 15.16	36.48 -2.06 17.04	35.81 -1.79 12.30	35.17 -1.56 6.60
SITHE_IND_GS3 24171	37.79 -1.21 0.00	35.36 -1.13 0.00	31.79 -0.98 0.00	30.71 -0.95 0.00	30.73 -0.95 0.00	33.76 -1.01 0.00	35.89 -1.03 0.00	39.34 -1.22 0.00	41.78 -1.42 0.00	42.92 -1.42 0.00	40.51 -1.50 2.04	35.38 -1.75 11.50	35.38 -1.89 13.93	35.22 -1.92 14.90	34.66 -2.00 15.87	35.54 -2.11 19.37	35.19 -2.18 20.02	39.25 -2.25 19.35	42.16 -2.21 17.13	43.51 -2.17 16.39	43.38 -2.18 15.16	36.48 -2.06 17.04	35.81 -1.79 12.30	35.17 -1.56 6.60
SITHE_IND_GS4 24172	37.79 -1.21 0.00	35.36 -1.13 0.00	31.79 -0.98 0.00	30.71 -0.95 0.00	30.73 -0.95 0.00	33.76 -1.01 0.00	35.89 -1.03 0.00	39.34 -1.22 0.00	41.78 -1.42 0.00	42.92 -1.42 0.00	40.51 -1.50 2.04	35.38 -1.75 11.50	35.38 -1.89 13.93	35.22 -1.92 14.90	34.66 -2.00 15.87	35.54 -2.11 19.37	35.19 -2.18 20.02	39.25 -2.25 19.35	42.16 -2.21 17.13	43.51 -2.17 16.39	43.38 -2.18 15.16	36.48 -2.06 17.04	35.81 -1.79 12.30	35.17 -1.56 6.60
SITHE___BATAVIA 24024	36.19 -2.81 0.00	34.15 -2.34 0.00	30.77 -2.00 0.00	29.69 -1.96 0.00	29.94 -1.74 0.00	33.00 -1.77 0.00	34.74 -2.18 0.00	37.75 -2.80 0.01	39.87 -3.33 0.01	41.42 -2.93 0.00	41.08 -2.60 0.36	42.84 -3.65 2.14	44.69 -3.94 2.57	45.59 -4.01 2.45	43.67 -4.20 4.66	48.42 -4.51 4.10	45.26 -5.05 7.09	49.88 -4.87 6.09	53.64 -4.68 3.18	55.16 -4.41 2.50	54.03 -4.37 2.32	48.53 -4.45 2.60	44.56 -3.59 1.75	39.35 -3.03 0.94
SITHE___INDEPEND 23800	37.79 -1.21 0.00	35.36 -1.13 0.00	31.79 -0.98 0.00	30.71 -0.95 0.00	30.73 -0.95 0.00	33.77 -1.01 0.00	35.89 -1.03 0.00	39.34 -1.22 0.00	41.78 -1.43 0.00	42.92 -1.42 0.00	40.46 -1.54 2.04	35.38 -1.75 11.50	35.38 -1.89 13.93	35.22 -1.93 14.90	34.66 -2.00 15.87	35.48 -2.17 19.37	35.19 -2.18 20.02	39.24 -2.25 19.35	42.15 -2.21 17.13	43.51 -2.17 16.39	43.38 -2.19 15.16	36.48 -2.06 17.04	35.81 -1.80 12.30	35.17 -1.56 6.60
SITHE___MASSENA 23902	39.31 0.31 0.00	36.89 0.40 0.00	32.97 0.20 0.00	31.91 0.25 0.00	31.91 0.22 0.00	35.16 0.38 0.00	37.07 0.15 0.00	40.76 0.20 0.00	43.47 0.26 0.00	44.52 0.18 0.00	44.04 0.00 0.00	48.58 -0.05 0.00	51.15 -0.05 0.00	51.78 -0.26 0.00	52.16 -0.37 0.00	56.56 -0.46 0.00	56.99 -0.40 0.00	60.29 -0.55 0.00	61.13 -0.37 0.00	61.70 -0.37 0.00	60.66 -0.06 0.00	55.69 0.11 0.00	50.20 0.30 0.00	43.85 0.52 0.00
SITHE___OGDNSBRG 24021	39.58 0.58 0.00	37.15 0.66 0.00	33.20 0.43 0.00	32.19 0.54 0.00	32.13 0.44 0.00	35.47 0.70 0.00	37.36 0.44 0.00	40.96 0.41 0.00	43.51 0.30 0.00	44.48 0.13 0.00	43.91 -0.13 0.00	48.39 -0.24 0.00	50.89 -0.31 0.00	51.52 -0.52 0.00	51.79 -0.74 0.00	56.05 -0.97 0.00	56.65 -0.75 0.00	60.05 -0.79 0.00	61.07 -0.43 0.00	61.89 -0.19 0.00	60.97 0.24 0.00	56.08 0.50 0.00	50.65 0.75 0.00	44.32 1.00 0.00
SITHE___STERLING 23777	39.54 0.55 0.00	37.00 0.51 0.00	33.26 0.49 0.00	32.16 0.50 0.00	32.13 0.44 0.00	35.36 0.59 0.00	37.62 0.70 0.00	41.41 0.85 0.00	44.07 0.86 0.00	45.10 0.75 0.00	44.73 0.75 0.06	49.10 0.83 0.36	51.69 0.77 0.28	52.48 0.73 0.29	52.98 0.84 0.39	57.66 0.97 0.33	57.63 0.86 0.62	61.34 1.10 0.60	62.08 1.11 0.53	62.81 1.24 0.51	61.47 1.21 0.47	56.16 1.11 0.53	50.52 1.00 0.38	43.94 0.82 0.20
SLEIGHT__34_KV_TB1 80719	37.36 -1.64 0.00	35.07 -1.42 0.00	31.52 -1.25 0.00	30.45 -1.20 0.00	30.58 -1.11 0.00	33.63 -1.15 0.00	35.74 -1.18 0.00	39.06 -1.50 0.00	41.48 -1.73 0.00	42.88 -1.46 0.00	42.58 -1.23 0.24	45.40 -1.90 1.33	47.75 -2.10 1.35	48.37 -2.24 1.43	48.44 -2.42 1.67	52.55 -2.68 1.79	52.11 -2.93 2.35	55.72 -2.86 2.26	56.81 -2.71 1.98	57.84 -2.36 1.87	56.56 -2.43 1.73	51.19 -2.45 1.95	46.59 -1.90 1.42	40.96 -1.60 0.76
SOUTH CAIRO___GT 23612	40.52 1.52 0.00	37.91 1.42 0.00	34.05 1.28 0.00	32.86 1.20 0.00	32.86 1.17 0.00	35.85 1.08 0.00	38.36 1.44 0.00	41.93 1.38 0.00	44.59 1.38 0.00	45.45 1.11 0.00	45.06 1.01 0.00	49.84 1.22 0.00	52.53 1.33 0.00	53.55 1.51 0.00	54.21 1.68 0.00	58.96 1.94 0.00	59.46 2.07 0.00	63.28 2.43 0.00	63.90 2.40 0.00	64.68 2.61 0.00	62.97 2.25 0.00	57.69 2.11 0.00	51.55 1.65 0.00	44.84 1.52 0.00
SOUTH HAMPTN___IC 23720	41.53 2.53 0.00	38.64 2.15 0.00	34.97 2.20 0.00	33.62 1.96 0.00	33.55 1.87 0.00	36.37 1.60 0.00	39.10 2.18 0.00	43.35 2.80 0.00	46.67 3.46 0.00	48.25 3.90 0.00	48.01 3.97 0.00	52.61 3.99 0.00	55.60 4.40 0.00	57.24 5.20 0.00	58.04 5.51 0.00	65.21 6.61 -1.58	64.73 6.60 -0.74	69.37 6.87 -1.66	67.34 5.85 0.00	70.05 6.33 -1.65	65.63 4.92 0.01	61.01 4.56 -0.87	52.15 2.25 0.00	46.05 2.73 0.00
SOUTHDOW__115KV_TB1 355954	36.34 -2.65 0.00	34.23 -2.26 0.00	30.84 -1.93 0.00	29.63 -2.03 0.00	29.88 -1.81 0.00	32.86 -1.91 0.00	34.78 -2.14 0.00	37.65 -2.88 0.02	39.86 -3.33 0.02	41.11 -3.24 0.00	40.22 -3.44 0.39	43.74 -2.53 2.36	45.52 -2.66 3.02	46.69 -2.65 2.69	43.36 -2.78 6.38	48.81 -3.02 5.19	45.26 -3.27 8.86	50.25 -3.10 7.49	54.31 -3.69 3.50	54.37 -5.34 2.37	52.95 -5.59 2.19	47.84 -5.28 2.46	43.60 -4.74 1.57	38.54 -3.94 0.84
SOUTHOLD_69_KV_BK 2 55809	41.80 2.81 0.00	39.08 2.59 0.00	35.29 2.52 0.00	34.00 2.34 0.00	33.97 2.28 0.00	36.86 2.09 0.00	39.69 2.77 0.00	44.04 3.49 0.00	47.49 4.28 0.00	49.09 4.74 0.00	48.84 4.80 0.00	53.54 4.91 0.00	56.52 5.32 0.00	58.12 6.09 0.00	58.98 6.46 0.00	66.47 7.87 -1.59	65.59 7.46 -0.74	70.35 7.85 -1.66	67.77 6.27 0.00	70.67 6.95 -1.65	65.63 4.92 0.01	61.34 4.89 -0.87	52.25 2.35 0.00	46.10 2.77 0.00
SOUTHOLD___IC 23719	41.80 2.81 0.00	38.97 2.48 0.00	35.29 2.52 0.00	34.00 2.34 0.00	33.97 2.28 0.00	36.86 2.09 0.00	39.69 2.77 0.00	44.04 3.49 0.00	47.49 4.28 0.00	49.09 4.75 0.00	48.85 4.80 0.00	53.59 4.96 0.00	56.52 5.32 0.00	58.12 6.09 0.00	58.98 6.46 0.00	66.19 7.58 -1.59	65.54 7.41 -0.74	70.11 7.60 -1.66	67.83 6.34 0.00	70.49 6.77 -1.65	65.99 5.28 0.01	61.29 4.83 -0.87	52.25 2.35 0.00	46.10 2.78 0.00
SOUTH_FORK_WT_PWR 323839	41.61 2.61 0.00	38.86 2.37 0.00	35.26 2.49 0.00	34.00 2.34 0.00	34.00 2.31 0.00	36.93 2.16 0.00	39.76 2.84 0.00	44.13 3.57 0.00	47.62 4.41 0.00	49.22 4.88 0.00	48.98 4.93 0.00	53.68 5.06 0.00	56.57 5.37 0.00	58.12 6.09 0.00	58.93 6.41 0.00	66.13 7.53 -1.59	65.36 7.23 -0.74	69.68 7.18 -1.66	67.22 5.72 0.00	69.93 6.21 -1.65	65.39 4.68 0.01	60.73 4.28 -0.87	51.75 1.85 0.00	45.62 2.29 0.00

SPIERFLS_115KV_TB 1 80737	41.06 2.07 0.00	38.46 1.97 0.00	34.51 1.74 0.00	33.21 1.55 0.00	33.36 1.68 0.00	36.48 1.70 0.00	39.06 2.14 0.00	42.87 2.31 0.00	45.80 2.59 0.00	46.78 2.44 0.00	46.25 2.20 0.00	51.45 2.82 0.00	54.07 2.87 0.00	54.80 2.76 0.00	55.52 2.99 0.00	60.15 3.14 0.00	60.49 3.10 0.00	64.19 3.35 0.00	65.44 3.94 0.00	65.86 3.79 0.00	64.85 4.13 0.00	59.42 3.84 0.00	53.10 3.19 0.00	45.88 2.56 0.00
ST LAWRENCE____ 23600	39.00 0.00 0.00	36.56 0.07 0.00	32.74 -0.03 0.00	31.65 0.00 0.00	31.65 -0.03 0.00	34.84 0.07 0.00	36.81 -0.11 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.17 -0.18 0.00	43.78 -0.26 0.00	48.29 -0.34 0.00	50.84 -0.36 0.00	51.57 -0.47 0.00	51.95 -0.58 0.00	56.34 -0.68 0.00	56.82 -0.57 0.00	60.12 -0.73 0.00	60.89 -0.61 0.00	61.45 -0.62 0.00	60.42 -0.30 0.00	55.36 -0.22 0.00	49.85 -0.05 0.00	43.41 0.09 0.00
STATE_CA_115KV_115_LB 55624	39.42 0.43 0.00	36.86 0.36 0.00	33.16 0.39 0.00	31.97 0.32 0.00	32.03 0.35 0.00	35.05 0.28 0.00	37.44 0.52 0.00	41.12 0.57 0.00	43.86 0.65 0.00	44.92 0.58 0.00	44.75 0.70 0.00	49.45 0.83 0.00	52.17 0.97 0.00	53.08 1.04 0.00	53.74 1.21 0.00	58.27 1.25 0.00	58.66 1.26 0.00	62.06 1.22 0.00	62.61 1.11 0.00	63.07 0.99 0.00	61.51 0.79 0.00	56.31 0.72 0.00	50.40 0.50 0.00	43.76 0.43 0.00
STATE_ST_34_KV_LOAD 55959	38.68 -0.31 0.00	36.20 -0.29 0.00	32.54 -0.23 0.00	31.40 -0.25 0.00	31.49 -0.19 0.00	34.60 -0.17 0.00	36.85 -0.07 0.00	40.40 -0.16 0.00	42.91 -0.30 0.00	44.12 -0.22 0.00	43.80 -0.26 -0.02	48.40 -0.34 -0.11	51.30 -0.36 -0.46	52.06 -0.42 -0.43	52.83 -0.47 -0.77	57.38 -0.51 -0.88	57.76 -0.63 -1.00	61.14 -0.49 -0.79	61.30 -0.37 -0.17	61.76 -0.31 0.00	60.30 -0.43 0.00	55.14 -0.44 0.00	49.60 -0.30 0.00	43.02 -0.30 0.00
STATION 5_MISC_HYD 23604	36.97 -2.03 0.00	34.70 -1.79 0.00	31.23 -1.54 0.00	30.17 -1.49 0.00	30.32 -1.36 0.00	33.35 -1.43 0.00	35.34 -1.59 0.00	38.65 -1.91 0.00	41.00 -2.20 0.00	42.61 -1.73 0.00	42.40 -1.32 0.32	44.41 -2.38 1.84	46.46 -2.72 2.03	47.19 -2.76 2.09	46.67 -3.05 2.81	50.84 -3.31 2.87	49.67 -3.67 4.04	53.54 -3.59 3.72	55.50 -3.26 2.73	56.91 -2.73 2.43	55.62 -2.85 2.25	50.11 -2.95 2.53	45.72 -2.34 1.84	40.39 -1.95 0.99
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.51 -1.48 0.00	35.21 -1.28 0.00	31.66 -1.11 0.00	30.58 -1.08 0.00	30.70 -0.98 0.00	33.77 -1.01 0.00	35.89 -1.03 0.00	39.26 -1.30 0.00	41.70 -1.51 0.00	43.10 -1.24 0.00	42.76 -1.06 0.23	45.63 -1.70 1.29	48.00 -1.89 1.31	48.63 -2.03 1.38	48.71 -2.21 1.61	52.79 -2.51 1.72	52.39 -2.75 2.25	55.99 -2.68 2.17	57.18 -2.40 1.92	58.07 -2.17 1.83	56.79 -2.25 1.69	51.40 -2.28 1.90	46.78 -1.75 1.38	41.11 -1.47 0.74
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.81 -2.18 0.00	34.59 -1.90 0.00	31.13 -1.64 0.00	30.04 -1.61 0.00	30.20 -1.49 0.00	33.21 -1.56 0.00	35.22 -1.70 0.00	38.41 -2.15 0.00	40.79 -2.42 0.00	42.30 -2.04 0.00	42.07 -1.67 0.30	44.25 -2.67 1.70	46.36 -3.02 1.82	47.04 -3.07 1.93	47.03 -3.31 2.19	50.87 -3.71 2.44	50.37 -4.02 3.00	54.00 -3.95 2.89	55.27 -3.69 2.54	56.38 -3.29 2.41	55.16 -3.34 2.23	49.75 -3.33 2.50	45.49 -2.59 1.82	40.14 -2.21 0.98
STA_56____34_KV_BUS2 355983	36.81 -2.18 0.00	34.59 -1.90 0.00	31.13 -1.64 0.00	30.04 -1.61 0.00	30.20 -1.49 0.00	33.21 -1.56 0.00	35.22 -1.70 0.00	38.41 -2.15 0.00	40.79 -2.42 0.00	42.30 -2.04 0.00	42.07 -1.67 0.30	44.25 -2.67 1.70	46.36 -3.02 1.82	47.04 -3.07 1.93	47.03 -3.31 2.19	50.87 -3.71 2.44	50.37 -4.02 3.00	54.00 -3.95 2.89	55.27 -3.69 2.54	56.38 -3.29 2.41	55.16 -3.34 2.23	49.75 -3.33 2.50	45.49 -2.59 1.82	40.14 -2.21 0.98
STA_67____115KV_BK2 355882	36.89 -2.11 0.00	34.67 -1.82 0.00	31.20 -1.57 0.00	30.10 -1.55 0.00	30.26 -1.43 0.00	33.28 -1.50 0.00	35.26 -1.66 0.00	38.48 -2.07 0.00	40.83 -2.38 0.00	42.39 -1.95 0.00	42.14 -1.59 0.32	44.17 -2.63 1.83	46.21 -2.97 2.02	46.89 -3.07 2.08	46.42 -3.31 2.80	50.51 -3.65 2.86	49.41 -3.96 4.03	53.25 -3.89 3.70	55.14 -3.63 2.73	56.48 -3.17 2.43	55.26 -3.22 2.25	49.78 -3.28 2.53	45.57 -2.50 1.84	40.21 -2.12 0.99
STA_7____115KV_9TRANS 80674	37.12 -1.87 0.00	34.85 -1.64 0.00	31.36 -1.41 0.00	30.29 -1.36 0.00	30.45 -1.24 0.00	33.49 -1.29 0.00	35.48 -1.44 0.00	38.89 -1.66 0.00	41.30 -1.90 0.00	42.92 -1.42 0.00	42.66 -1.06 0.32	44.79 -1.99 1.84	46.91 -2.25 2.04	47.60 -2.34 2.09	47.07 -2.63 2.83	51.16 -2.96 2.89	50.04 -3.27 4.09	53.93 -3.16 3.75	55.80 -2.95 2.75	57.15 -2.48 2.44	55.86 -2.61 2.25	50.32 -2.72 2.53	46.01 -2.05 1.85	40.60 -1.73 0.99
STA_82____115KV_TB1 80780	36.85 -2.14 0.00	34.63 -1.86 0.00	31.16 -1.61 0.00	30.07 -1.58 0.00	30.26 -1.43 0.00	33.24 -1.53 0.00	35.22 -1.70 0.00	38.41 -2.15 0.00	40.75 -2.46 0.00	42.26 -2.08 0.00	42.02 -1.72 0.30	44.15 -2.77 1.71	46.26 -3.12 1.82	46.93 -3.17 1.93	46.92 -3.41 2.19	50.76 -3.82 2.44	50.35 -4.07 2.97	53.96 -4.02 2.87	55.21 -3.75 2.54	56.37 -3.29 2.41	55.15 -3.34 2.23	49.68 -3.39 2.51	45.48 -2.59 1.83	40.18 -2.17 0.98
STEEL____WIND 323596	35.52 -3.47 0.00	33.54 -2.95 0.00	30.25 -2.52 0.00	29.12 -2.53 0.00	29.31 -2.38 0.00	32.27 -2.50 0.00	34.00 -2.92 0.00	36.76 -3.77 0.02	38.91 -4.28 0.02	40.27 -4.08 0.00	39.58 -4.05 0.41	42.00 -4.13 2.50	43.63 -4.35 3.22	44.81 -4.37 2.86	41.05 -4.62 6.85	46.56 -4.90 5.55	42.59 -5.34 9.47	47.55 -5.29 8.00	52.20 -5.60 3.71	53.27 -6.33 2.48	52.06 -6.38 2.29	46.89 -6.11 2.58	43.03 -5.24 1.63	38.08 -4.37 0.87
STEPHTWN_115KV_BK_2 55603	39.54 0.55 0.00	36.96 0.47 0.00	33.23 0.46 0.00	32.07 0.41 0.00	32.13 0.44 0.00	35.12 0.35 0.00	37.59 0.66 0.00	41.25 0.69 0.00	43.99 0.78 0.00	45.01 0.67 0.00	44.88 0.84 0.00	49.60 0.97 0.00	52.33 1.13 0.00	53.24 1.20 0.00	53.89 1.37 0.00	58.44 1.43 0.00	58.89 1.49 0.00	62.36 1.52 0.00	62.91 1.41 0.00	63.38 1.30 0.00	61.76 1.03 0.00	56.58 1.00 0.00	50.55 0.65 0.00	43.93 0.61 0.00
STEBEN_REC_LFGE 323667	38.02 -0.97 0.00	35.72 -0.77 0.00	32.11 -0.66 0.00	30.96 -0.70 0.00	31.11 -0.57 0.00	34.25 -0.52 0.00	36.22 -0.70 0.00	39.48 -1.14 -0.06	41.67 -1.60 -0.06	42.79 -1.55 0.00	42.52 -1.72 -0.20	48.33 -1.80 -1.50	52.43 -1.84 -3.08	51.90 -2.03 -1.89	61.70 -2.05 -11.22	62.11 -2.22 -7.32	74.59 -2.24 -19.43	73.95 -1.89 -14.99	62.03 -1.66 -2.19	58.39 -2.36 1.32	57.07 -2.43 1.22	51.82 -2.39 1.38	47.05 -1.95 0.91	41.24 -1.60 0.49
STILLWATER____SOLAR 323814	40.44 1.44 0.00	37.84 1.35 0.00	33.98 1.21 0.00	32.76 1.11 0.00	32.86 1.17 0.00	35.96 1.18 0.00	38.44 1.51 0.00	42.14 1.58 0.00	44.94 1.73 0.00	45.94 1.59 0.00	45.67 1.63 0.00	50.67 2.04 0.00	53.40 2.20 0.00	54.28 2.24 0.00	54.95 2.42 0.00	59.59 2.57 0.00	59.98 2.59 0.00	63.58 2.74 0.00	64.33 2.83 0.00	64.80 2.73 0.00	63.33 2.61 0.00	58.09 2.50 0.00	51.95 2.05 0.00	44.97 1.65 0.00

STONY___BROOK 24151	41.53 2.53 0.00	38.50 2.01 0.00	34.74 1.97 0.00	33.36 1.71 0.00	33.30 1.62 0.00	36.17 1.39 0.00	38.84 1.92 0.00	43.11 2.56 0.00	46.28 3.07 0.00	47.76 3.41 0.00	47.48 3.44 0.00	52.03 3.40 0.00	55.04 3.84 0.00	56.62 4.58 0.00	57.52 4.99 0.00	64.65 5.99 -1.65	64.24 6.08 -0.77	69.14 6.57 -1.72	67.34 5.85 0.00	69.99 6.21 -1.71	65.69 4.98 0.01	61.16 4.67 -0.91	52.45 2.54 0.00	46.31 2.99 0.00
STURGEON_POOL_HYD 23609	40.83 1.83 0.00	38.10 1.61 0.00	34.24 1.47 0.00	33.08 1.42 0.00	33.01 1.33 0.00	35.99 1.22 0.00	38.62 1.70 0.00	42.62 2.07 0.00	45.67 2.46 0.00	46.92 2.57 0.00	46.82 2.77 0.00	51.89 3.26 0.00	54.63 3.43 0.00	55.73 3.69 0.00	56.42 3.89 0.00	61.64 4.62 0.00	62.04 4.65 0.00	66.08 5.23 0.00	66.24 4.74 0.00	66.97 4.90 0.01	64.54 3.83 0.01	59.02 3.45 0.01	52.70 2.79 0.00	45.62 2.30 0.00
ST_LAW_115_BK7_LBMP 345037	39.00 0.00 0.00	36.56 0.07 0.00	32.74 -0.03 0.00	31.65 0.00 0.00	31.65 -0.03 0.00	34.84 0.07 0.00	36.77 -0.15 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.17 -0.18 0.00	43.74 -0.31 0.00	48.29 -0.34 0.00	50.84 -0.36 0.00	51.52 -0.52 0.00	51.90 -0.63 0.00	56.27 -0.74 0.00	56.71 -0.69 0.00	59.99 -0.85 0.00	60.77 -0.74 0.00	61.39 -0.68 0.00	60.30 -0.42 0.00	55.31 -0.28 0.00	49.85 -0.05 0.00	43.41 0.09 0.00
ST_LAW_115_BK8_LBMP 345038	39.00 0.00 0.00	36.56 0.07 0.00	32.74 -0.03 0.00	31.65 0.00 0.00	31.65 -0.03 0.00	34.84 0.07 0.00	36.77 -0.15 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.17 -0.18 0.00	43.74 -0.31 0.00	48.29 -0.34 0.00	50.84 -0.36 0.00	51.52 -0.52 0.00	51.90 -0.63 0.00	56.27 -0.74 0.00	56.71 -0.69 0.00	59.99 -0.85 0.00	60.77 -0.74 0.00	61.39 -0.68 0.00	60.30 -0.42 0.00	55.31 -0.28 0.00	49.85 -0.05 0.00	43.41 0.09 0.00
ST_LAW_230_BK5_LBMP 345035	39.00 0.00 0.00	36.56 0.07 0.00	32.74 -0.03 0.00	31.65 0.00 0.00	31.65 -0.03 0.00	34.84 0.07 0.00	36.81 -0.11 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.17 -0.18 0.00	43.78 -0.26 0.00	48.29 -0.34 0.00	50.84 -0.36 0.00	51.57 -0.47 0.00	51.95 -0.58 0.00	56.34 -0.68 0.00	56.82 -0.57 0.00	60.12 -0.73 0.00	60.89 -0.61 0.00	61.45 -0.62 0.00	60.42 -0.30 0.00	55.36 -0.22 0.00	49.85 -0.05 0.00	43.41 0.09 0.00
ST_LAW_230_BK6_LBMP 345036	39.00 0.00 0.00	36.56 0.07 0.00	32.74 -0.03 0.00	31.65 0.00 0.00	31.65 -0.03 0.00	34.84 0.07 0.00	36.81 -0.11 0.00	40.43 -0.12 0.00	43.08 -0.13 0.00	44.17 -0.18 0.00	43.78 -0.26 0.00	48.29 -0.34 0.00	50.84 -0.36 0.00	51.57 -0.47 0.00	51.95 -0.58 0.00	56.34 -0.68 0.00	56.82 -0.57 0.00	60.12 -0.73 0.00	60.89 -0.61 0.00	61.45 -0.62 0.00	60.42 -0.30 0.00	55.36 -0.22 0.00	49.85 -0.05 0.00	43.41 0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.32 1.33 0.00	37.66 1.17 0.00	33.85 1.08 0.00	32.70 1.04 0.00	32.67 0.98 0.00	35.64 0.87 0.00	38.21 1.29 0.00	42.18 1.62 0.00	45.20 1.99 0.00	46.43 2.08 0.00	46.38 2.33 0.00	51.30 2.67 0.00	54.07 2.87 0.00	55.11 3.07 0.00	55.78 3.26 0.00	60.89 3.88 0.00	61.30 3.90 0.00	65.22 4.38 0.00	65.50 4.00 0.00	66.10 4.03 0.01	63.87 3.16 0.01	58.35 2.78 0.01	52.15 2.25 0.00	45.14 1.82 0.00
SWANROAD_115KV_TB1 355699	34.55 -4.45 0.00	32.80 -3.69 0.00	29.59 -3.18 0.00	28.49 -3.17 0.00	28.71 -2.98 0.00	31.57 -3.20 0.00	32.97 -3.95 0.00	35.55 -4.99 0.02	37.62 -5.57 0.02	39.02 -5.32 0.00	38.67 -4.98 0.39	40.07 -6.22 2.34	41.68 -6.60 2.92	42.54 -6.82 2.68	40.02 -6.72 5.78	44.76 -7.41 4.85	40.15 -7.92 9.32	45.05 -7.97 7.83	49.91 -8.12 3.47	51.30 -8.19 2.58	50.20 -8.14 2.39	45.17 -7.73 2.68	41.90 -6.29 1.72	37.12 -5.29 0.92
SYNERGY___BIOGAS 323694	36.19 -2.81 0.00	34.16 -2.34 0.00	30.77 -2.00 0.00	29.69 -1.96 0.00	29.91 -1.77 0.00	33.00 -1.77 0.00	34.74 -2.18 0.00	37.75 -2.80 0.01	39.87 -3.33 0.01	41.37 -2.97 0.00	41.04 -2.64 0.36	42.84 -3.65 2.14	44.69 -3.94 2.57	45.48 -4.11 2.45	43.67 -4.20 4.66	48.25 -4.68 4.10	45.20 -5.11 7.09	49.82 -4.93 6.09	53.52 -4.80 3.18	54.98 -4.59 2.50	53.85 -4.55 2.32	48.37 -4.61 2.60	44.56 -3.59 1.75	39.35 -3.03 0.94
SYRACUSE___ENERGY_ST1 323597	38.61 -0.39 0.00	36.16 -0.33 0.00	32.48 -0.29 0.00	31.37 -0.28 0.00	31.43 -0.25 0.00	34.53 -0.24 0.00	36.74 -0.18 0.00	40.31 -0.24 0.00	42.91 -0.30 0.00	44.08 -0.27 0.00	43.74 -0.31 0.00	48.24 -0.39 0.00	51.11 -0.41 -0.32	51.93 -0.47 -0.36	52.27 -0.47 -0.22	57.07 -0.51 -0.56	56.76 -0.63 0.00	60.23 -0.61 0.00	60.89 -0.62 0.00	61.51 -0.56 0.00	60.06 -0.67 0.00	54.92 -0.67 0.00	49.40 -0.50 0.00	42.85 -0.48 0.00
SYRACUSE___ENERGY_ST2 323598	38.61 -0.39 0.00	36.16 -0.33 0.00	32.48 -0.29 0.00	31.37 -0.28 0.00	31.43 -0.25 0.00	34.53 -0.24 0.00	36.74 -0.18 0.00	40.31 -0.24 0.00	42.91 -0.30 0.00	44.08 -0.27 0.00	43.74 -0.31 0.00	48.24 -0.39 0.00	51.11 -0.41 -0.32	51.93 -0.47 -0.36	52.27 -0.47 -0.22	57.07 -0.51 -0.56	56.76 -0.63 0.00	60.23 -0.61 0.00	60.89 -0.62 0.00	61.51 -0.56 0.00	60.06 -0.67 0.00	54.92 -0.67 0.00	49.40 -0.50 0.00	42.85 -0.48 0.00
SYRACUSE___POWER 24017	38.53 -0.47 0.00	36.05 -0.44 0.00	32.41 -0.36 0.00	31.28 -0.38 0.00	31.34 -0.35 0.00	34.43 -0.35 0.00	36.63 -0.30 0.00	40.23 -0.32 0.00	42.82 -0.39 0.00	43.99 -0.35 0.00	43.56 -0.40 0.09	47.64 -0.49 0.50	50.41 -0.46 0.33	51.19 -0.52 0.33	51.50 -0.53 0.50	56.10 -0.57 0.34	55.83 -0.69 0.88	59.39 -0.61 0.85	60.13 -0.62 0.75	60.80 -0.56 0.72	59.33 -0.73 0.67	54.11 -0.72 0.75	48.77 -0.60 0.54	42.51 -0.52 0.29
TALLMAN__138KV_BK151 55660	40.56 1.56 0.00	37.80 1.31 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.82 1.14 0.00	35.82 1.04 0.00	38.40 1.48 0.00	42.46 1.91 0.00	45.50 2.29 0.00	46.78 2.44 0.00	46.77 2.73 0.00	51.79 3.16 0.00	54.58 3.38 0.00	55.63 3.59 0.00	56.31 3.78 0.00	61.52 4.50 0.00	61.93 4.53 0.00	65.89 5.05 0.00	66.11 4.61 0.00	66.66 4.59 0.01	64.36 3.64 0.01	58.85 3.28 0.01	52.55 2.64 0.00	45.45 2.12 0.00
TEALLAVE_115KV_TB7 355573	38.37 -0.62 0.00	35.94 -0.55 0.00	32.28 -0.49 0.00	31.18 -0.47 0.00	31.24 -0.44 0.00	34.32 -0.45 0.00	36.52 -0.41 0.00	40.07 -0.49 0.00	42.65 -0.56 0.00	43.86 -0.49 0.00	43.40 -0.53 0.12	47.32 -0.63 0.68	49.99 -0.67 0.55	50.74 -0.73 0.57	51.04 -0.74 0.75	55.56 -0.80 0.66	55.29 -0.92 1.18	58.79 -0.91 1.14	59.56 -0.92 1.01	60.23 -0.87 0.97	58.86 -0.97 0.90	53.63 -0.94 1.01	48.38 -0.80 0.73	42.20 -0.74 0.39
TELGRAPH_34_KV_EAST 80808	35.49 -3.51 0.00	33.57 -2.92 0.00	30.25 -2.52 0.00	29.15 -2.50 0.00	29.37 -2.31 0.00	32.41 -2.36 0.00	34.04 -2.88 0.00	36.89 -3.65 0.01	39.00 -4.19 0.01	40.49 -3.86 0.00	40.14 -3.52 0.38	41.84 -4.57 2.22	43.57 -4.92 2.71	44.40 -5.10 2.54	42.20 -5.20 5.12	46.91 -5.70 4.41	43.41 -6.14 7.84	48.08 -6.08 6.68	52.17 -6.03 3.30	53.52 -6.02 2.53	52.43 -5.95 2.34	47.17 -5.78 2.63	43.52 -4.64 1.74	38.49 -3.90 0.93

TEMPLE___115KV_TB 2 55572	38.37 -0.62 0.00	35.94 -0.55 0.00	32.31 -0.46 0.00	31.18 -0.47 0.00	31.24 -0.44 0.00	34.32 -0.45 0.00	36.55 -0.37 0.00	40.11 -0.45 0.00	42.69 -0.52 0.00	43.90 -0.44 0.00	43.44 -0.48 0.12	47.35 -0.58 0.69	50.03 -0.61 0.56	50.78 -0.68 0.59	51.02 -0.74 0.77	55.60 -0.74 0.68	55.33 -0.86 1.20	58.83 -0.85 1.16	59.61 -0.86 1.03	60.22 -0.87 0.99	58.84 -0.97 0.91	53.61 -0.94 1.03	48.37 -0.80 0.74	42.23 -0.69 0.40
TIANA___69_KV_BK 1 55817	41.49 2.50 0.00	38.72 2.23 0.00	34.87 2.10 0.00	33.52 1.87 0.00	33.46 1.77 0.00	36.23 1.46 0.00	38.95 2.03 0.00	43.19 2.64 0.00	46.45 3.24 0.00	47.98 3.64 0.00	47.74 3.70 0.00	52.32 3.70 0.00	55.39 4.20 0.00	56.93 4.89 0.00	57.83 5.31 0.00	65.22 6.61 -1.59	64.50 6.37 -0.74	69.50 7.00 -1.66	67.28 5.78 0.00	70.11 6.39 -1.65	65.27 4.55 0.01	61.07 4.61 -0.87	52.20 2.30 0.00	46.10 2.77 0.00
TILDEN___115KV_TB1 80814	38.53 -0.47 0.00	36.05 -0.44 0.00	32.41 -0.36 0.00	31.28 -0.38 0.00	31.34 -0.35 0.00	34.43 -0.35 0.00	36.63 -0.30 0.00	40.23 -0.32 0.00	42.82 -0.39 0.00	43.99 -0.35 0.00	43.56 -0.40 0.09	47.64 -0.49 0.50	50.41 -0.46 0.33	51.19 -0.52 0.33	51.50 -0.53 0.50	56.10 -0.57 0.34	55.83 -0.69 0.88	59.39 -0.61 0.85	60.13 -0.62 0.75	60.80 -0.56 0.72	59.33 -0.73 0.67	54.11 -0.72 0.75	48.77 -0.60 0.54	42.51 -0.52 0.29
TRIGEN___CC 323695	41.10 2.11 0.00	38.21 1.72 0.00	34.34 1.57 0.00	33.05 1.39 0.00	32.98 1.30 0.00	35.92 1.15 0.00	38.58 1.66 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.45 3.10 0.00	47.35 3.30 0.00	52.14 3.50 -0.02	55.11 3.89 -0.02	56.53 4.48 -0.02	57.32 4.78 -0.02	74.95 5.93 -12.00	68.92 5.91 -5.62	79.96 6.57 -12.55	67.30 5.78 -0.02	80.73 6.15 -12.51	65.47 4.74 -0.01	66.75 4.50 -6.66	52.50 2.59 0.00	45.97 2.64 0.00
TRINITY___115KV___ 4 BK 55933	39.31 0.31 0.00	36.75 0.26 0.00	33.03 0.26 0.00	31.88 0.22 0.00	31.94 0.25 0.00	34.91 0.14 0.00	37.33 0.41 0.00	40.96 0.41 0.00	43.68 0.48 0.00	44.74 0.40 0.00	44.57 0.53 0.00	49.26 0.63 0.00	51.92 0.72 0.00	52.87 0.83 0.00	53.47 0.95 0.00	57.99 0.97 0.00	58.43 1.03 0.00	61.82 0.97 0.00	62.36 0.86 0.00	62.82 0.74 0.00	61.21 0.49 0.00	56.08 0.50 0.00	50.15 0.25 0.00	43.58 0.26 0.00
UNION___PROCESSING_DRP 323587	36.85 -2.14 0.00	34.63 -1.86 0.00	31.16 -1.61 0.00	30.07 -1.58 0.00	30.26 -1.43 0.00	33.24 -1.53 0.00	35.26 -1.66 0.00	38.40 -2.15 0.00	40.74 -2.46 0.00	42.30 -2.04 0.00	42.01 -1.72 0.32	44.05 -2.77 1.81	46.14 -3.07 1.99	46.81 -3.17 2.05	46.38 -3.41 2.73	50.45 -3.76 2.81	49.42 -4.07 3.90	53.23 -4.02 3.60	55.06 -3.75 2.69	56.38 -3.29 2.41	55.22 -3.28 2.23	49.75 -3.33 2.50	45.54 -2.55 1.82	40.18 -2.17 0.97
UPPER HUDSON___HYD 24058	41.06 2.07 0.00	38.46 1.97 0.00	34.51 1.74 0.00	33.21 1.55 0.00	33.36 1.68 0.00	36.48 1.70 0.00	39.06 2.14 0.00	42.87 2.31 0.00	45.80 2.59 0.00	46.78 2.44 0.00	46.25 2.20 0.00	51.45 2.82 0.00	54.07 2.87 0.00	54.85 2.81 0.00	55.52 2.99 0.00	60.09 3.08 0.00	60.49 3.10 0.00	64.19 3.34 0.00	65.38 3.88 0.00	65.86 3.79 0.00	64.86 4.13 0.00	59.41 3.83 0.00	53.10 3.20 0.00	45.88 2.56 0.00
UPPER RAQUET___HYD 24056	38.84 -0.16 0.00	36.45 -0.04 0.00	32.57 -0.20 0.00	31.56 -0.09 0.00	31.50 -0.19 0.00	34.77 0.00 0.00	36.66 -0.26 0.00	40.35 -0.20 0.00	42.99 -0.21 0.00	43.94 -0.40 0.00	43.47 -0.57 0.00	47.95 -0.68 0.00	50.33 -0.87 0.00	50.74 -1.30 0.00	51.00 -1.52 0.00	55.25 -1.77 0.00	55.73 -1.67 0.00	58.96 -1.89 0.00	59.90 -1.60 0.00	60.58 -1.49 0.00	59.57 -1.16 0.00	54.86 -0.72 0.00	49.66 -0.25 0.00	43.59 0.26 0.00
VALLEY44_115KV_TB2 355964	35.60 -3.39 0.00	33.53 -2.96 0.00	30.25 -2.52 0.00	29.19 -2.47 0.00	29.34 -2.34 0.00	32.27 -2.50 0.00	34.08 -2.84 0.00	36.97 -3.57 0.02	39.13 -4.06 0.02	40.13 -4.21 0.00	38.69 -4.98 0.38	43.60 -2.77 2.26	45.66 -2.66 2.87	46.76 -2.71 2.58	43.75 -2.78 5.99	49.09 -3.02 4.90	46.08 -3.16 8.16	50.99 -2.92 6.93	53.78 -4.37 3.35	52.74 -7.01 2.32	51.41 -7.17 2.15	46.55 -6.61 2.41	42.03 -6.34 1.54	37.17 -5.33 0.82
VALLEY___115KV_TB 1-4 80826	39.46 0.47 0.00	36.93 0.44 0.00	33.20 0.43 0.00	32.07 0.41 0.00	32.06 0.38 0.00	35.19 0.42 0.00	37.44 0.52 0.00	41.08 0.53 0.00	43.77 0.56 0.00	44.88 0.53 0.00	44.57 0.53 0.00	49.21 0.58 0.00	51.71 0.51 0.00	52.51 0.47 0.00	53.05 0.53 0.00	57.53 0.51 0.00	57.85 0.46 0.00	61.33 0.49 0.00	61.93 0.43 0.00	62.51 0.43 0.00	61.03 0.30 0.00	55.81 0.22 0.00	50.20 0.30 0.00	43.58 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.89 0.90 0.00	37.33 0.84 0.00	33.59 0.82 0.00	32.45 0.79 0.00	32.41 0.73 0.00	35.57 0.80 0.00	37.96 1.03 0.00	41.89 1.34 0.00	44.76 1.56 0.00	45.90 1.55 0.00	45.67 1.63 0.00	50.52 1.90 0.00	53.15 1.89 -0.06	53.98 1.87 -0.07	54.68 2.10 -0.05	59.52 2.39 -0.11	59.61 2.18 -0.04	63.37 2.49 -0.03	63.78 2.28 0.00	64.28 2.23 0.02	62.65 1.94 0.02	57.34 1.78 0.02	51.40 1.50 0.00	44.58 1.26 0.00
VISCHER___FERRY HYD 24020	39.93 0.93 0.00	37.26 0.77 0.00	33.52 0.75 0.00	32.35 0.70 0.00	32.44 0.76 0.00	35.47 0.70 0.00	37.92 1.00 0.00	41.57 1.01 0.00	44.29 1.08 0.00	45.36 1.02 0.00	45.15 1.10 0.00	49.99 1.36 0.00	52.69 1.49 0.00	53.65 1.62 0.00	54.26 1.73 0.00	58.84 1.82 0.00	59.35 1.95 0.00	62.67 1.82 0.00	63.34 1.84 0.00	63.81 1.74 0.00	62.24 1.52 0.00	57.03 1.44 0.00	51.00 1.10 0.00	44.24 0.91 0.00
V_A_10_SYNC_DSASP 323832	35.56 -3.43 0.00	33.50 -2.99 0.00	30.21 -2.56 0.00	29.12 -2.53 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	34.00 -2.92 0.00	36.77 -3.77 0.01	38.92 -4.28 0.01	40.40 -3.95 0.00	40.18 -3.48 0.38	41.39 -5.01 2.23	43.11 -5.43 2.67	43.93 -5.57 2.54	41.94 -5.78 4.81	46.45 -6.33 4.24	43.10 -6.66 7.63	47.56 -6.75 6.53	51.98 -6.21 3.31	53.91 -5.83 2.33	52.74 -5.83 2.16	47.49 -5.67 2.43	43.65 -4.39 1.86	38.64 -3.68 1.00
V_CMM_10_SYNC_DSASP 323787	39.15 0.16 0.00	36.71 0.22 0.00	32.84 0.07 0.00	31.78 0.13 0.00	31.78 0.10 0.00	34.98 0.21 0.00	36.92 0.00 0.00	40.60 0.04 0.00	43.29 0.09 0.00	44.34 0.00 0.00	43.96 -0.09 0.00	48.48 -0.15 0.00	51.05 -0.15 0.00	51.78 -0.26 0.00	51.95 -0.58 0.00	56.28 -0.74 0.00	56.70 -0.69 0.00	59.99 -0.85 0.00	60.76 -0.74 0.00	61.33 -0.74 0.00	60.30 -0.43 0.00	55.36 -0.22 0.00	50.00 0.10 0.00	43.63 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	39.58 0.58 0.00	37.15 0.66 0.00	33.20 0.43 0.00	32.10 0.44 0.00	32.10 0.41 0.00	35.40 0.63 0.00	37.40 0.48 0.00	41.16 0.61 0.00	43.86 0.65 0.00	44.61 0.27 0.00	44.18 0.13 0.00	48.73 0.10 0.00	51.35 0.15 0.00	52.09 0.05 0.00	52.53 0.00 0.00	56.90 -0.11 0.00	57.39 0.00 0.00	60.72 -0.12 0.00	61.56 0.06 0.00	62.14 0.06 0.00	60.97 0.24 0.00	55.86 0.28 0.00	50.30 0.40 0.00	43.84 0.52 0.00

V_D_10_SYNC_DSASP 323841	39.31 0.31 0.00	36.89 0.40 0.00	32.97 0.20 0.00	31.91 0.25 0.00	31.91 0.22 0.00	35.16 0.38 0.00	37.07 0.15 0.00	40.76 0.20 0.00	43.47 0.26 0.00	44.52 0.18 0.00	44.09 0.04 0.00	48.58 -0.05 0.00	51.15 -0.05 0.00	51.88 -0.16 0.00	52.21 -0.32 0.00	56.56 -0.46 0.00	57.05 -0.34 0.00	60.36 -0.49 0.00	61.19 -0.31 0.00	61.76 -0.31 0.00	60.66 -0.06 0.00	55.69 0.11 0.00	50.20 0.30 0.00	43.84 0.52 0.00
V_E_10_SYNC_DSASP 323830	40.59 1.60 0.00	38.02 1.53 0.00	34.24 1.47 0.00	33.11 1.46 0.00	33.01 1.33 0.00	36.51 1.74 0.00	38.84 1.92 0.00	42.71 2.15 0.00	45.33 2.12 0.00	46.16 1.82 0.00	45.77 1.76 0.03	50.57 2.09 0.15	53.16 1.89 -0.06	53.73 1.72 0.03	55.26 2.15 -0.57	59.78 2.39 -0.37	60.59 2.18 -1.01	64.39 2.86 -0.69	64.16 2.89 0.23	64.68 3.10 0.49	63.18 2.91 0.46	57.79 2.72 0.51	52.10 2.55 0.34	45.35 2.21 0.18
V_F_30_NSYNC___DSASP 323816	40.48 1.48 0.00	37.84 1.35 0.00	34.02 1.25 0.00	32.79 1.14 0.00	32.89 1.20 0.00	35.96 1.18 0.00	38.44 1.51 0.00	42.18 1.62 0.00	44.98 1.77 0.00	46.03 1.69 0.00	45.72 1.67 0.00	50.77 2.14 0.00	53.45 2.25 0.00	54.33 2.29 0.00	55.00 2.47 0.00	59.64 2.62 0.00	60.09 2.70 0.00	63.64 2.80 0.00	64.39 2.89 0.00	64.87 2.79 0.00	63.40 2.67 0.00	58.08 2.50 0.00	52.00 2.10 0.00	45.01 1.69 0.00
V_F_30_SYNC_DSASP 323786	39.42 0.43 0.00	36.86 0.36 0.00	33.13 0.36 0.00	31.97 0.32 0.00	32.03 0.35 0.00	35.02 0.24 0.00	37.44 0.52 0.00	41.12 0.57 0.00	43.86 0.65 0.00	44.92 0.58 0.00	44.75 0.70 0.00	49.45 0.83 0.00	52.17 0.97 0.00	53.08 1.04 0.00	53.74 1.21 0.00	58.27 1.25 0.00	58.66 1.26 0.00	62.06 1.22 0.00	62.61 1.11 0.00	63.07 0.99 0.00	61.51 0.79 0.00	56.31 0.72 0.00	50.35 0.45 0.00	43.76 0.43 0.00
V_XM_10_SYNC_DSASP 323789	39.58 0.58 0.00	37.15 0.66 0.00	33.20 0.43 0.00	32.10 0.44 0.00	32.10 0.41 0.00	35.40 0.63 0.00	37.40 0.48 0.00	41.16 0.61 0.00	43.86 0.65 0.00	44.61 0.27 0.00	44.18 0.13 0.00	48.73 0.10 0.00	51.35 0.15 0.00	52.09 0.05 0.00	52.53 0.00 0.00	56.90 -0.11 0.00	57.39 0.00 0.00	60.72 -0.12 0.00	61.56 0.06 0.00	62.14 0.06 0.00	60.97 0.24 0.00	55.86 0.28 0.00	50.30 0.40 0.00	43.84 0.52 0.00
W.BABYLN_69_KV_BK1 56697	41.84 2.85 0.00	38.86 2.37 0.00	34.93 2.16 0.00	33.55 1.90 0.00	33.49 1.81 0.00	36.41 1.63 0.00	39.14 2.22 0.00	43.44 2.88 0.00	46.67 3.46 0.00	48.20 3.86 0.00	48.01 3.96 0.00	52.62 3.99 0.00	55.71 4.51 0.00	57.24 5.20 0.00	58.10 5.57 0.00	67.91 6.84 -4.05	66.11 6.83 -1.89	72.62 7.54 -4.23	68.20 6.70 0.00	73.49 7.20 -4.21	66.24 5.53 0.01	63.27 5.45 -2.24	53.10 3.19 0.00	46.75 3.42 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.67 1.68 0.00	37.95 1.46 0.00	34.11 1.34 0.00	32.95 1.30 0.00	32.92 1.24 0.00	35.92 1.15 0.00	38.55 1.62 0.00	42.58 2.03 0.00	45.67 2.46 0.00	46.96 2.62 0.00	46.91 2.86 0.00	51.98 3.36 0.00	54.78 3.58 0.00	55.84 3.80 0.00	56.52 3.99 0.00	61.75 4.73 0.00	62.10 4.71 0.00	66.14 5.29 0.00	66.36 4.86 0.00	66.91 4.84 0.01	64.60 3.89 0.01	59.02 3.45 0.01	52.70 2.79 0.00	45.58 2.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.91 1.91 0.00	38.13 1.64 0.00	34.31 1.54 0.00	33.08 1.42 0.00	33.08 1.39 0.00	36.09 1.32 0.00	38.80 1.88 0.00	42.95 2.39 0.00	46.10 2.89 0.00	47.45 3.10 0.00	47.48 3.44 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.46 4.42 0.00	57.15 4.62 0.00	62.43 5.42 0.00	62.79 5.39 0.00	66.87 6.02 0.00	67.04 5.54 0.00	67.65 5.59 0.01	65.15 4.43 0.01	59.52 3.95 0.01	53.15 3.24 0.00	45.92 2.60 0.00
W50THST__13_KV_LOAD 356117	41.06 2.07 0.00	38.35 1.86 0.00	34.44 1.67 0.00	33.21 1.55 0.00	33.21 1.52 0.00	36.23 1.46 0.00	38.99 2.07 0.00	43.15 2.60 0.00	46.36 3.15 0.00	47.71 3.37 0.00	47.79 3.74 0.00	52.91 4.28 0.00	55.76 4.56 0.00	56.78 4.74 0.00	57.47 4.94 0.00	62.83 5.82 0.00	63.19 5.80 0.00	67.23 6.39 0.00	67.40 5.90 0.00	67.96 5.90 0.01	65.45 4.74 0.01	59.80 4.22 0.01	53.40 3.49 0.00	46.10 2.77 0.00
WADING RIVER_IC_1 23522	41.06 2.07 0.00	38.24 1.75 0.00	34.51 1.74 0.00	33.17 1.52 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.47 1.55 0.00	42.58 2.03 0.00	45.76 2.55 0.00	47.22 2.88 0.00	47.00 2.95 0.00	51.54 2.92 0.00	54.48 3.28 0.00	56.10 4.06 0.00	56.88 4.36 0.00	64.02 5.42 -1.58	63.58 5.46 -0.74	68.34 5.84 -1.65	66.54 5.04 0.00	69.18 5.46 -1.64	64.90 4.19 0.01	60.40 3.95 -0.87	51.70 1.79 0.00	45.70 2.38 0.00
WADING RIVER_IC_2 23547	41.06 2.07 0.00	38.24 1.75 0.00	34.51 1.74 0.00	33.17 1.52 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.47 1.55 0.00	42.58 2.03 0.00	45.76 2.55 0.00	47.22 2.88 0.00	47.00 2.95 0.00	51.54 2.92 0.00	54.48 3.28 0.00	56.10 4.06 0.00	56.88 4.36 0.00	64.02 5.42 -1.58	63.58 5.46 -0.74	68.34 5.84 -1.65	66.54 5.04 0.00	69.18 5.46 -1.64	64.90 4.19 0.01	60.40 3.95 -0.87	51.70 1.79 0.00	45.70 2.38 0.00
WADING RIVER_IC_3 23601	41.06 2.07 0.00	38.24 1.75 0.00	34.51 1.74 0.00	33.17 1.52 0.00	33.11 1.43 0.00	35.82 1.04 0.00	38.47 1.55 0.00	42.58 2.03 0.00	45.76 2.55 0.00	47.22 2.88 0.00	47.00 2.95 0.00	51.54 2.92 0.00	54.48 3.28 0.00	56.10 4.06 0.00	56.88 4.36 0.00	64.02 5.42 -1.58	63.58 5.46 -0.74	68.34 5.84 -1.65	66.54 5.04 0.00	69.18 5.46 -1.64	64.90 4.19 0.01	60.40 3.95 -0.87	51.70 1.79 0.00	45.70 2.38 0.00
WALDENNY_12_KV_BK2 80841	35.49 -3.51 0.00	33.50 -2.99 0.00	30.21 -2.56 0.00	29.09 -2.56 0.00	29.31 -2.38 0.00	32.24 -2.54 0.00	33.93 -2.99 0.00	36.72 -3.81 0.02	38.86 -4.32 0.02	40.22 -4.12 0.00	39.58 -4.05 0.41	41.92 -4.23 2.48	43.51 -4.51 3.18	44.62 -4.58 2.84	41.06 -4.73 6.74	46.35 -5.19 5.47	42.31 -5.57 9.52	47.34 -5.48 8.03	52.10 -5.72 3.68	53.07 -6.52 2.49	51.86 -6.56 2.30	46.77 -6.23 2.59	43.02 -5.24 1.64	38.07 -4.38 0.88
WALDEN___HYDRO 24148	40.52 1.52 0.00	37.84 1.35 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.79 1.11 0.00	35.78 1.01 0.00	38.40 1.48 0.00	42.38 1.83 0.00	45.37 2.16 0.00	46.61 2.26 0.00	46.51 2.47 0.00	51.50 2.87 0.00	54.27 3.07 0.00	55.32 3.28 0.00	55.99 3.47 0.00	61.12 4.11 0.00	61.53 4.13 0.00	65.53 4.68 0.00	65.74 4.24 0.00	66.41 4.35 0.01	64.12 3.40 0.01	58.63 3.06 0.01	52.35 2.45 0.00	45.32 1.99 0.00
WARRENSBURG____ 23737	41.06 2.07 0.00	38.46 1.97 0.00	34.51 1.74 0.00	33.21 1.55 0.00	33.36 1.68 0.00	36.48 1.70 0.00	39.06 2.14 0.00	42.87 2.31 0.00	45.80 2.59 0.00	46.78 2.44 0.00	46.25 2.20 0.00	51.45 2.82 0.00	54.07 2.87 0.00	54.80 2.76 0.00	55.52 2.99 0.00	60.15 3.14 0.00	60.49 3.10 0.00	64.19 3.35 0.00	65.44 3.94 0.00	65.86 3.79 0.00	64.85 4.13 0.00	59.42 3.84 0.00	53.10 3.19 0.00	45.88 2.56 0.00

WATERSIDE___6 8 9 23538	40.95 1.95 0.00	38.21 1.72 0.00	34.31 1.54 0.00	33.11 1.46 0.00	33.11 1.43 0.00	35.99 1.22 0.00	38.73 1.81 0.00	42.83 2.27 0.00	46.02 2.81 0.00	47.36 3.02 0.00	47.44 3.39 0.00	52.62 3.99 0.00	55.45 4.25 0.00	56.36 4.32 0.00	57.05 4.52 0.00	62.38 5.36 0.00	62.79 5.39 0.00	66.81 5.96 0.00	66.97 5.47 0.00	67.53 5.46 0.01	65.09 4.37 0.01	59.41 3.84 0.01	53.20 3.29 0.00	45.97 2.64 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.31 0.31 0.00	36.78 0.29 0.00	33.06 0.29 0.00	31.94 0.28 0.00	31.94 0.25 0.00	35.05 0.28 0.00	37.25 0.33 0.00	40.92 0.37 0.00	43.60 0.39 0.00	44.70 0.35 0.00	44.40 0.35 0.00	49.02 0.39 0.00	51.56 0.36 0.00	52.35 0.31 0.00	52.90 0.37 0.00	57.42 0.40 0.00	57.74 0.34 0.00	61.21 0.37 0.00	61.87 0.37 0.00	62.45 0.37 0.00	60.97 0.24 0.00	55.81 0.22 0.00	50.10 0.20 0.00	43.50 0.17 0.00
WDELAWARE___HYD 323627	40.40 1.40 0.00	37.73 1.24 0.00	33.88 1.11 0.00	32.73 1.08 0.00	32.67 0.98 0.00	35.68 0.90 0.00	38.25 1.33 0.00	42.22 1.66 0.00	45.20 1.99 0.00	46.38 2.04 0.00	46.20 2.16 0.00	51.20 2.58 0.00	53.86 2.66 0.00	54.95 2.91 0.00	55.68 3.15 0.00	60.72 3.70 0.00	61.12 3.73 0.00	65.16 4.32 0.00	65.44 3.94 0.00	66.10 4.03 0.01	63.99 3.28 0.01	58.41 2.83 0.01	52.15 2.25 0.00	45.19 1.86 0.00
WEST BABYLON___IC 23714	41.84 2.85 0.00	38.86 2.37 0.00	34.93 2.16 0.00	33.55 1.90 0.00	33.49 1.81 0.00	36.41 1.63 0.00	39.14 2.22 0.00	43.44 2.88 0.00	46.67 3.46 0.00	48.20 3.86 0.00	48.01 3.96 0.00	52.62 3.99 0.00	55.71 4.51 0.00	57.24 5.20 0.00	58.10 5.57 0.00	67.91 6.84 -4.05	66.11 6.83 -1.89	72.62 7.54 -4.23	68.20 6.70 0.00	73.49 7.20 -4.21	66.24 5.53 0.01	63.27 5.45 -2.24	53.10 3.19 0.00	46.75 3.42 0.00
WEST CANADA___HYD 24049	39.03 0.04 0.00	36.53 0.04 0.00	32.80 0.03 0.00	31.69 0.03 0.00	31.72 0.03 0.00	34.81 0.03 0.00	37.00 0.07 0.00	40.64 0.08 0.00	43.30 0.09 0.00	44.43 0.09 0.00	44.13 0.09 0.00	48.77 0.15 0.00	51.30 0.10 0.00	52.20 0.16 0.00	52.69 0.16 0.00	57.25 0.23 0.00	57.57 0.17 0.00	61.03 0.18 0.00	61.69 0.19 0.00	62.26 0.19 0.00	60.78 0.06 0.00	55.64 0.06 0.00	49.95 0.05 0.00	43.37 0.04 0.00
WESTERN_NY_WIND 24143	36.11 -2.89 0.00	34.08 -2.41 0.00	30.71 -2.06 0.00	29.63 -2.03 0.00	29.88 -1.81 0.00	32.93 -1.84 0.00	34.67 -2.25 0.00	37.66 -2.88 0.01	39.78 -3.41 0.01	41.28 -3.06 0.00	40.94 -2.73 0.37	42.71 -3.74 2.17	44.53 -4.04 2.63	45.34 -4.22 2.48	43.33 -4.36 4.84	47.95 -4.85 4.22	44.79 -5.22 7.38	49.47 -5.05 6.32	53.35 -4.92 3.23	54.78 -4.78 2.51	53.66 -4.74 2.33	48.24 -4.72 2.61	44.46 -3.69 1.75	39.27 -3.12 0.94
WESTOVER___LESR 323668	38.45 -0.55 0.00	36.05 -0.44 0.00	32.41 -0.36 0.00	31.31 -0.35 0.00	31.37 -0.32 0.00	34.46 -0.31 0.00	36.63 -0.30 0.00	40.72 0.16 0.00	43.34 0.13 0.00	44.52 0.18 0.00	44.13 0.13 0.05	48.71 0.34 0.26	51.54 0.41 0.07	52.31 0.42 0.15	53.23 0.42 -0.28	57.67 0.51 -0.14	58.36 0.40 -0.56	61.77 0.61 -0.31	61.60 0.49 0.39	61.84 0.37 0.61	60.28 0.12 0.56	55.00 0.06 0.63	49.53 0.05 0.42	43.14 0.04 0.22
WETHRSFD_WT_PWR 323626	36.31 -2.69 0.00	34.19 -2.30 0.00	30.80 -1.97 0.00	29.66 -1.99 0.00	29.85 -1.84 0.00	32.83 -1.95 0.00	34.63 -2.29 0.00	37.49 -3.00 0.07	39.68 -3.46 0.07	41.06 -3.28 0.00	40.06 -3.35 0.63	40.93 -3.65 4.05	41.40 -3.89 5.91	43.46 -3.90 4.67	32.61 -4.10 15.82	41.09 -4.39 11.54	27.15 -4.65 25.60	35.72 -4.56 20.56	51.03 -4.49 5.98	55.13 -4.84 2.10	53.92 -4.86 1.95	48.72 -4.67 2.19	44.51 -3.99 1.40	39.24 -3.34 0.75
WHAVSTOR_138KV_BK127 55557	40.52 1.52 0.00	37.80 1.31 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.79 1.11 0.00	35.78 1.01 0.00	38.40 1.48 0.00	42.42 1.87 0.00	45.46 2.25 0.00	46.74 2.39 0.00	46.73 2.69 0.00	51.74 3.11 0.00	54.53 3.33 0.00	55.58 3.54 0.00	56.26 3.73 0.00	61.41 4.39 0.00	61.81 4.42 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.60 4.53 0.01	64.30 3.58 0.01	58.80 3.22 0.01	52.50 2.59 0.00	45.40 2.08 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.52 1.52 0.00	37.80 1.31 0.00	33.98 1.21 0.00	32.83 1.17 0.00	32.79 1.11 0.00	35.78 1.01 0.00	38.40 1.48 0.00	42.42 1.87 0.00	45.46 2.25 0.00	46.74 2.39 0.00	46.73 2.69 0.00	51.74 3.11 0.00	54.53 3.33 0.00	55.58 3.54 0.00	56.26 3.73 0.00	61.41 4.39 0.00	61.81 4.42 0.00	65.83 4.99 0.00	66.05 4.55 0.00	66.60 4.53 0.01	64.30 3.58 0.01	58.80 3.22 0.01	52.50 2.59 0.00	45.40 2.08 0.00
WHITEHAL_115KV_TB1 80871	41.53 2.53 0.00	38.94 2.44 0.00	34.93 2.16 0.00	33.55 1.90 0.00	33.74 2.06 0.00	36.89 2.12 0.00	39.58 2.66 0.00	43.39 2.84 0.00	46.36 3.15 0.00	47.23 2.88 0.00	46.73 2.69 0.00	52.18 3.55 0.00	54.84 3.64 0.00	55.63 3.59 0.00	56.42 3.89 0.00	61.07 4.05 0.00	61.41 4.02 0.00	65.28 4.44 0.00	66.48 4.98 0.00	67.10 5.03 0.00	66.01 5.28 0.00	60.47 4.89 0.00	54.00 4.09 0.00	46.62 3.29 0.00
WHITEPLN_13_KV_LOAD 356215	41.10 2.11 0.00	38.35 1.86 0.00	34.41 1.64 0.00	33.21 1.55 0.00	33.17 1.49 0.00	36.20 1.43 0.00	38.92 1.99 0.00	43.03 2.47 0.00	46.19 2.98 0.00	47.54 3.19 0.00	47.66 3.61 0.00	52.81 4.18 0.00	55.71 4.51 0.00	56.78 4.74 0.00	57.52 4.99 0.00	62.83 5.82 0.00	63.19 5.80 0.00	67.23 6.39 0.00	67.34 5.84 0.00	67.90 5.83 0.01	65.51 4.80 0.01	59.80 4.22 0.01	53.40 3.49 0.00	46.14 2.82 0.00
WM_FLOYD_69_KV_BK2 356380	41.37 2.38 0.00	38.57 2.08 0.00	34.70 1.93 0.00	33.36 1.71 0.00	33.27 1.58 0.00	36.06 1.29 0.00	38.77 1.85 0.00	42.95 2.39 0.00	46.10 2.89 0.00	47.58 3.24 0.00	47.35 3.30 0.00	51.88 3.26 0.00	54.88 3.69 0.00	56.46 4.42 0.00	57.36 4.83 0.00	64.68 6.04 -1.62	64.06 5.91 -0.75	69.10 6.57 -1.69	67.03 5.54 0.00	69.90 6.15 -1.68	65.14 4.43 0.01	60.97 4.50 -0.89	52.20 2.30 0.00	46.10 2.77 0.00
WOODARD__115KV_TB2 355635	38.37 -0.62 0.00	35.91 -0.58 0.00	32.28 -0.49 0.00	31.15 -0.51 0.00	31.21 -0.48 0.00	34.29 -0.49 0.00	36.48 -0.44 0.00	40.03 -0.53 0.00	42.60 -0.60 0.00	43.81 -0.53 0.00	43.35 -0.62 0.08	47.45 -0.73 0.45	50.19 -0.77 0.25	51.01 -0.78 0.25	51.27 -0.84 0.42	55.87 -0.91 0.23	55.63 -0.98 0.78	59.11 -0.97 0.76	59.84 -0.98 0.67	60.50 -0.93 0.64	59.10 -1.03 0.59	53.91 -1.00 0.67	48.57 -0.85 0.48	42.33 -0.74 0.26
YORK___WARBASSE 23770	41.10 2.11 0.00	38.32 1.82 0.00	34.38 1.61 0.00	33.14 1.49 0.00	33.14 1.46 0.00	35.99 1.22 0.00	38.69 1.77 0.00	42.83 2.27 0.00	45.97 2.77 0.00	47.32 2.97 0.00	47.48 3.44 0.00	52.71 4.08 0.00	55.55 4.35 0.00	56.51 4.48 0.00	57.20 4.67 0.00	62.66 5.64 0.00	63.02 5.62 0.00	67.11 6.27 0.00	67.28 5.78 0.00	67.84 5.77 0.01	65.33 4.62 0.01	59.69 4.11 0.01	53.45 3.54 0.00	46.18 2.86 0.00