

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data		09/14/2025																																
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	EDT	30.72	29.13	27.06	26.54	25.84	26.43	28.53	27.35	25.86	24.38	26.32	28.03	29.72	32.20	31.54	34.39	43.10	51.97	59.00	57.95	48.20	43.30	37.74	32.67									
		1.71	1.52	1.36	1.38	1.35	1.31	1.41	1.45	1.49	1.62	1.77	1.88	2.10	2.44	2.39	2.69	3.51	3.89	4.17	4.09	3.45	3.24	2.70	2.11									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1 24260	EDT	30.72	29.13	27.06	26.54	25.86	26.46	28.53	27.35	25.86	24.38	26.32	28.03	29.72	32.20	31.54	34.39	43.10	51.97	59.00	57.95	48.20	43.30	37.74	32.67									
		1.71	1.52	1.36	1.38	1.37	1.33	1.41	1.45	1.49	1.62	1.77	1.88	2.10	2.44	2.39	2.69	3.51	3.89	4.17	4.09	3.45	3.24	2.70	2.11									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2 24261	EDT	30.72	29.13	27.06	26.54	25.86	26.46	28.53	27.35	25.86	24.38	26.32	28.03	29.72	32.20	31.54	34.39	43.10	51.97	59.00	57.95	48.20	43.30	37.74	32.67									
		1.71	1.52	1.36	1.38	1.37	1.33	1.41	1.45	1.49	1.62	1.77	1.88	2.10	2.44	2.39	2.69	3.51	3.89	4.17	4.09	3.45	3.24	2.70	2.11									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS 24011	EDT	31.21	29.66	27.57	27.05	26.35	27.06	29.16	27.82	25.98	24.09	25.46	27.11	28.53	30.95	30.38	33.25	41.41	51.11	59.33	58.38	48.78	43.50	37.99	33.01									
		2.20	2.04	1.88	1.89	1.86	1.93	2.03	1.92	1.61	1.32	0.91	0.97	0.91	1.19	1.22	1.55	2.13	3.03	4.50	4.52	4.03	3.45	2.94	2.44									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY 23798	EDT	31.35	29.79	27.70	27.17	26.50	27.19	29.29	27.95	26.08	24.16	25.51	27.16	28.56	31.01	30.47	33.37	41.53	51.35	59.71	58.81	49.14	43.78	38.23	33.19									
		2.35	2.18	2.01	2.01	2.01	2.06	2.17	2.05	1.71	1.39	0.96	1.02	0.94	1.25	1.31	1.68	2.25	3.27	4.88	4.95	4.39	3.73	3.19	2.63									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS 24028	EDT	31.21	29.66	27.57	27.05	26.35	27.06	29.16	27.82	25.98	24.09	25.46	27.11	28.53	30.95	30.38	33.25	41.41	51.11	59.33	58.38	48.78	43.50	37.99	33.01									
		2.20	2.04	1.88	1.89	1.86	1.93	2.03	1.92	1.61	1.32	0.91	0.97	0.91	1.19	1.22	1.55	2.13	3.03	4.50	4.52	4.03	3.45	2.94	2.44									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM 23527	EDT	30.37	28.91	26.88	26.32	25.62	26.26	28.45	27.20	25.61	23.90	25.63	27.22	28.73	31.04	30.40	33.12	40.97	50.34	57.36	56.34	46.99	41.98	36.69	31.97									
		1.36	1.30	1.18	1.16	1.13	1.13	1.33	1.29	1.24	1.14	1.08	1.07	1.11	1.28	1.25	1.43	1.85	2.26	2.52	2.48	2.24	1.92	1.65	1.41									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP 24190	EDT	29.18	27.86	25.93	25.44	24.74	25.35	27.34	26.11	24.57	22.95	24.70	26.28	27.76	29.91	29.36	31.95	39.65	48.41	55.16	54.24	45.20	40.50	35.32	30.71									
		0.17	0.25	0.23	0.28	0.24	0.23	0.22	0.21	0.19	0.18	0.15	0.13	0.14	0.15	0.20	0.25	0.32	0.34	0.33	0.38	0.45	0.44	0.28	0.15									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK 355683	EDT	24.25	20.02	17.29	16.63	15.85	16.60	14.54	18.23	19.75	18.06	20.41	18.07	20.31	25.35	24.65	24.86	33.44	46.08	52.51	51.43	40.66	37.38	32.38	27.21									
		-0.20	-0.17	-0.13	-0.13	-0.10	-0.13	-0.11	-0.08	0.07	0.11	0.10	0.10	0.08	0.09	0.06	0.10	0.12	0.10	0.11	0.11	-0.18	-0.12	-0.11	-0.12									
		4.55	7.43	8.28	8.40	8.54	8.40	12.47	7.60	4.70	4.82	4.25	8.18	7.40	4.50	4.56	6.93	6.12	2.09	2.44	2.54	3.91	2.56	2.56	3.23									
ALBANY_1_SOLAR 323833	EDT	29.79	28.38	26.42	25.89	25.20	25.83	27.85	26.52	24.81	23.09	24.77	26.33	27.79	30.03	29.47	32.17	40.12	49.13	56.21	55.26	46.10	41.26	36.06	31.39									
		0.78	0.77	0.72	0.73	0.71	0.70	0.73	0.62	0.44	0.32	0.22	0.18	0.17	0.27	0.32	0.48	0.75	1.06	1.37	1.40	1.34	1.20	1.02	0.83									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_2_SOLAR 323834	EDT	29.79	28.38	26.42	25.89	25.20	25.83	27.83	26.52	24.81	23.09	24.75	26.33	27.79	30.03	29.47	32.14	40.12	49.09	56.15	55.26	46.10	41.26	36.06	31.39									
		0.78	0.77	0.72	0.73	0.71	0.70	0.70	0.62	0.44	0.32	0.20	0.18	0.17	0.27	0.32	0.44	0.75	1.01	1.31	1.40	1.34	1.20	1.02	0.83									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY___1 23571	EDT	29.18	27.86	25.93	25.44	24.74	25.35	27.34	26.11	24.57	22.95	24.70	26.28	27.76	29.91	29.36	31.95	39.65	48.41	55.16	54.24	45.20	40.50	35.32	30.71									
		0.17	0.25	0.23	0.28	0.24	0.23	0.22	0.21	0.19	0.18	0.15	0.13	0.14	0.15	0.20	0.25	0.32	0.34	0.33	0.38	0.45	0.44	0.28	0.15									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___2 23572	29.18 0.17 0.00	27.86 0.25 0.00	25.93 0.23 0.00	25.44 0.28 0.00	24.74 0.24 0.00	25.35 0.23 0.00	27.34 0.22 0.00	26.11 0.21 0.00	24.57 0.19 0.00	22.95 0.18 0.00	24.70 0.15 0.00	26.28 0.13 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.36 0.20 0.00	31.95 0.25 0.00	39.65 0.32 0.11	48.41 0.34 0.00	55.16 0.33 0.00	54.24 0.38 0.00	45.20 0.45 0.00	40.50 0.44 0.00	35.32 0.28 0.00	30.71 0.15 0.00
ALBANY___3 23573	29.18 0.17 0.00	27.86 0.25 0.00	25.93 0.23 0.00	25.44 0.28 0.00	24.74 0.24 0.00	25.35 0.23 0.00	27.34 0.22 0.00	26.11 0.21 0.00	24.57 0.19 0.00	22.95 0.18 0.00	24.70 0.15 0.00	26.28 0.13 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.36 0.20 0.00	31.95 0.25 0.00	39.65 0.32 0.11	48.41 0.34 0.00	55.16 0.33 0.00	54.24 0.38 0.00	45.20 0.45 0.00	40.50 0.44 0.00	35.32 0.28 0.00	30.71 0.15 0.00
ALBANY___4 23574	29.18 0.17 0.00	27.86 0.25 0.00	25.93 0.23 0.00	25.44 0.28 0.00	24.74 0.24 0.00	25.35 0.23 0.00	27.34 0.22 0.00	26.11 0.21 0.00	24.57 0.19 0.00	22.95 0.18 0.00	24.70 0.15 0.00	26.28 0.13 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.36 0.20 0.00	31.95 0.25 0.00	39.65 0.32 0.11	48.41 0.34 0.00	55.16 0.33 0.00	54.24 0.38 0.00	45.20 0.45 0.00	40.50 0.44 0.00	35.32 0.28 0.00	30.71 0.15 0.00
ALBANY___LFGE 323615	29.44 0.44 0.00	28.11 0.50 0.00	26.13 0.44 0.00	25.64 0.48 0.00	24.96 0.46 0.00	25.55 0.43 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.76 0.39 0.00	23.11 0.34 0.00	24.87 0.32 0.00	26.46 0.31 0.00	27.93 0.30 0.00	30.14 0.39 0.00	29.59 0.44 0.00	32.20 0.51 0.00	39.95 0.63 0.12	48.84 0.77 0.00	55.71 0.87 0.00	54.72 0.86 0.00	45.65 0.89 0.00	40.86 0.80 0.00	35.68 0.63 0.00	31.02 0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	73.43 -0.03 -44.46	100.17 -0.03 -72.58	106.59 0.00 -80.89	107.26 0.00 -82.10	108.01 0.02 -83.49	107.22 0.03 -82.07	149.03 0.03 -121.88	100.20 0.05 -74.25	70.50 0.22 -45.91	70.10 0.23 -47.10	66.27 0.22 -41.50	106.35 0.24 -79.97	100.15 0.25 -72.28	73.93 0.24 -43.93	73.99 0.23 -44.60	99.74 0.29 -67.76	99.60 0.35 -59.80	68.93 0.38 -20.47	79.08 0.44 -23.81	79.13 0.43 -24.84	83.09 0.09 -38.25	65.12 0.08 -24.98	60.12 0.07 -25.00	62.16 0.06 -31.54
ALCOA_RYNLDS___DRP 24188	73.43 -0.03 -44.46	100.17 -0.03 -72.58	106.59 0.00 -80.89	107.26 0.00 -82.10	108.01 0.02 -83.49	107.22 0.03 -82.07	149.03 0.03 -121.88	100.20 0.05 -74.25	70.50 0.22 -45.91	70.10 0.23 -47.10	66.27 0.22 -41.50	106.35 0.24 -79.97	100.15 0.25 -72.28	73.93 0.24 -43.93	73.99 0.23 -44.60	99.74 0.29 -67.76	99.60 0.35 -59.80	68.93 0.38 -20.47	79.08 0.44 -23.81	79.13 0.43 -24.84	83.09 0.09 -38.25	65.12 0.08 -24.98	60.12 0.07 -25.00	62.16 0.06 -31.54
ALCOA___DSASP 323711	73.43 -0.03 -44.46	100.17 -0.03 -72.58	106.59 0.00 -80.89	107.26 0.00 -82.10	108.01 0.02 -83.49	107.22 0.03 -82.07	149.03 0.03 -121.88	100.20 0.05 -74.25	70.50 0.22 -45.91	70.10 0.23 -47.10	66.27 0.22 -41.50	106.35 0.23 -79.97	100.15 0.25 -72.28	73.93 0.24 -43.93	73.99 0.23 -44.60	99.74 0.28 -67.76	99.60 0.35 -59.80	68.93 0.38 -20.47	79.08 0.44 -23.81	79.12 0.43 -24.84	83.09 0.09 -38.25	65.12 0.08 -24.98	60.12 0.07 -25.00	62.16 0.06 -31.54
ALLEGHENY___COGEN 23514	30.63 1.62 0.00	29.08 1.46 0.00	27.08 1.39 0.00	26.37 1.21 0.00	25.72 1.22 0.00	26.48 1.36 0.00	28.61 1.49 0.00	27.15 1.24 0.00	24.79 0.41 0.00	22.77 0.00 0.00	24.60 0.05 0.00	26.14 0.00 0.00	27.84 0.22 0.00	30.00 0.24 0.00	29.47 0.32 0.00	31.92 0.22 0.00	39.56 0.12 0.00	48.94 0.87 0.00	56.92 2.08 0.00	55.80 1.94 0.00	46.64 1.88 0.00	41.38 1.32 0.00	36.62 1.58 0.00	32.39 1.83 0.00
ALTAMONT_115KV_TB 2 55880	29.59 0.58 0.00	28.16 0.55 0.00	26.21 0.51 0.00	25.69 0.53 0.00	24.98 0.49 0.00	25.60 0.48 0.00	27.64 0.52 0.00	26.39 0.49 0.00	24.81 0.44 0.00	23.18 0.41 0.00	24.97 0.42 0.00	26.56 0.42 0.00	28.06 0.44 0.00	30.29 0.54 0.00	29.71 0.55 0.00	32.33 0.63 0.00	40.20 0.83 0.07	49.04 0.96 0.00	55.88 1.04 0.00	54.94 1.08 0.00	45.79 1.03 0.00	41.02 0.96 0.00	35.81 0.77 0.00	31.17 0.61 0.00
ALTONA_WT_PWR 323606	31.94 0.52 -2.41	32.13 0.58 -3.94	30.65 0.56 -4.39	30.19 0.58 -4.45	29.66 0.64 -4.53	30.28 0.70 -4.45	34.57 0.84 -6.61	30.86 0.93 -4.03	28.01 1.15 -2.49	26.48 1.16 -2.55	28.06 1.25 -2.25	31.81 1.33 -4.34	32.87 1.33 -3.92	33.48 1.34 -2.38	32.85 1.28 -2.42	36.83 1.46 -3.67	44.58 1.89 -3.24	51.45 2.26 -1.11	58.65 2.52 -1.29	57.63 2.43 -1.35	48.57 1.74 -2.07	42.93 1.52 -1.35	37.73 1.33 -1.36	33.40 1.13 -1.71
AMERICAN_REF_FUEL 24010	28.69 -0.32 0.00	27.81 0.19 0.00	25.95 0.26 0.00	25.08 -0.08 0.00	24.49 0.00 0.00	25.25 0.13 0.00	27.15 0.03 0.00	25.67 -0.23 0.00	23.40 -0.98 0.00	21.70 -1.07 0.00	23.62 -0.93 0.00	25.18 -0.97 0.00	26.82 -0.80 0.00	28.87 -0.89 0.00	28.10 -1.05 0.00	30.05 -1.65 0.00	36.88 -2.56 0.00	44.67 -3.41 0.00	51.33 -3.51 0.00	49.93 -3.93 0.00	42.16 -2.60 0.00	37.33 -2.73 0.00	33.68 -1.37 0.00	30.56 0.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.70 0.69 0.00	28.36 0.75 0.00	26.47 0.77 0.00	25.59 0.43 0.00	24.98 0.49 0.00	25.75 0.63 0.00	27.69 0.57 0.00	26.47 0.57 0.00	24.15 -0.22 0.00	22.38 -0.39 0.00	24.51 -0.05 0.00	26.14 0.00 0.00	27.93 0.30 0.00	30.03 0.27 0.00	29.27 0.12 0.00	31.41 -0.29 0.00	38.61 -0.83 0.00	46.83 -1.25 0.00	53.96 -0.88 0.00	52.52 -1.34 0.00	44.00 -0.76 0.00	38.98 -1.08 0.00	34.97 -0.07 0.00	31.32 0.76 0.00
ARTHUR KILL_GT_1 23520	31.19 2.18 -0.01	29.58 1.96 -0.01	27.50 1.80 0.00	26.95 1.79 -0.01	26.26 1.76 -0.01	26.73 1.61 0.00	28.72 1.60 0.00	27.43 1.53 0.00	25.91 1.54 0.00	24.45 1.68 0.00	26.42 1.87 0.00	28.11 1.96 0.00	29.80 2.18 0.00	32.32 2.56 0.00	31.75 2.59 0.00	34.64 2.95 0.00	43.58 3.98 -0.16	52.55 4.47 0.00	59.61 4.77 0.00	58.55 4.69 0.00	48.69 3.94 0.00	43.82 3.77 0.00	38.28 3.22 -0.01	33.14 2.57 -0.01
ARTHUR_KILL_2 23512	31.10 2.09 -0.01	29.50 1.88 -0.01	27.39 1.70 0.00	26.88 1.71 -0.01	26.17 1.67 -0.01	26.66 1.53 0.00	28.64 1.52 0.00	27.35 1.45 0.00	25.81 1.44 0.00	24.38 1.62 0.00	26.35 1.79 0.00	28.03 1.88 0.00	29.72 2.10 0.00	32.23 2.47 0.00	31.63 2.48 0.00	34.52 2.82 0.00	43.42 3.82 -0.16	52.36 4.28 0.00	59.38 4.55 0.00	58.33 4.47 0.00	48.52 3.76 0.00	43.66 3.61 0.00	38.14 3.08 -0.01	33.01 2.45 -0.01
ARTHUR_KILL_3 23513	30.37 1.36 0.00	28.80 1.19 0.00	26.74 1.05 0.01	26.22 1.06 0.00	25.55 1.05 0.00	26.16 1.03 0.00	28.23 1.11 0.00	27.09 1.19 0.00	25.59 1.22 0.00	24.16 1.39 0.00	26.08 1.52 0.00	27.74 1.60 0.00	29.44 1.82 0.00	31.87 2.11 0.00	31.25 2.10 0.00	34.07 2.38 0.00	42.67 3.08 -0.15	51.39 3.31 0.00	58.35 3.51 0.00	57.26 3.40 0.00	47.62 2.87 0.00	42.82 2.76 0.00	37.32 2.28 0.00	32.30 1.74 0.00

ARTHUR_KILL_COGEN 323718	31.19 2.18 -0.01	29.58 1.96 -0.01	27.50 1.80 0.00	26.95 1.79 -0.01	26.27 1.76 -0.01	26.73 1.61 0.00	28.72 1.60 0.00	27.43 1.53 0.00	25.91 1.54 0.00	24.45 1.68 0.00	26.42 1.87 0.00	28.11 1.96 0.00	29.80 2.18 0.00	32.32 2.56 0.00	31.75 2.59 0.00	34.64 2.95 0.00	43.58 3.98 -0.16	52.55 4.47 0.00	59.60 4.77 0.00	58.54 4.68 0.00	48.70 3.94 0.00	43.82 3.76 0.00	38.27 3.22 -0.01	33.14 2.57 -0.01
ASHOKAN____ 23654	30.28 1.27 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.26 1.11 0.00	25.52 1.03 0.00	26.00 0.88 0.00	28.04 0.92 0.00	26.63 0.72 0.00	24.91 0.54 0.00	23.27 0.50 0.00	25.00 0.44 0.00	26.56 0.42 0.00	28.26 0.64 0.00	30.62 0.86 0.00	29.97 0.82 0.00	32.93 1.23 0.00	42.56 3.12 0.00	50.91 2.84 0.00	58.13 3.29 0.00	57.15 3.29 0.00	47.62 2.87 0.00	42.54 2.48 0.00	37.04 2.00 0.00	32.12 1.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.70 1.68 -0.01	29.08 1.46 0.00	27.01 1.31 0.00	26.47 1.31 -0.01	25.77 1.27 -0.01	26.20 1.08 0.00	28.15 1.03 0.00	26.96 1.06 0.01	25.51 1.15 0.01	24.25 1.48 0.00	26.13 1.57 0.00	27.65 1.52 0.01	29.33 1.71 0.01	31.77 2.02 0.01	31.16 2.01 0.00	33.98 2.28 0.00	42.71 3.12 -0.15	51.34 3.27 0.01	58.28 3.46 0.01	57.25 3.40 0.01	47.57 2.82 0.01	42.94 2.89 0.00	37.57 2.52 0.00	32.55 1.99 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	30.70 1.68 -0.01	29.08 1.46 0.00	27.01 1.31 0.00	26.47 1.31 -0.01	25.77 1.27 -0.01	26.20 1.08 0.00	28.15 1.03 0.00	26.96 1.06 0.01	25.51 1.15 0.01	24.25 1.48 0.00	26.13 1.57 0.00	27.65 1.52 0.01	29.33 1.71 0.01	31.77 2.02 0.01	31.16 2.01 0.00	33.98 2.28 0.00	42.71 3.12 -0.15	51.34 3.27 0.01	58.28 3.46 0.01	57.25 3.40 0.01	47.57 2.82 0.01	42.94 2.89 0.00	37.57 2.52 0.00	32.55 1.99 -0.01
ASTORIA_GT2_1 24094	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT2_2 24095	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT2_3 24096	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT2_4 24097	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT3_1 24098	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT3_2 24099	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT3_3 24100	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT3_4 24101	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT4_1 24102	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT4_2 24103	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT4_3 24104	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01

ASTORIA_GT4_4 24105	30.72 1.71 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.48 1.31 -0.01	25.80 1.30 -0.01	26.23 1.11 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.54 1.17 0.00	24.25 1.48 0.00	26.13 1.57 0.00	27.69 1.54 0.00	29.33 1.71 0.00	31.78 2.02 0.00	31.16 2.01 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.35 3.27 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.62 2.86 0.00	42.98 2.92 0.00	37.60 2.56 0.00	32.59 2.02 -0.01
ASTORIA_GT_1 23523	30.75 1.74 -0.01	29.16 1.55 0.00	27.06 1.36 0.00	26.53 1.36 -0.01	25.85 1.35 -0.01	26.28 1.16 0.00	28.21 1.08 0.00	27.02 1.11 0.00	25.59 1.22 0.00	24.29 1.53 0.00	26.18 1.62 0.00	27.74 1.59 0.00	29.39 1.77 0.00	31.84 2.08 0.00	31.22 2.07 0.00	34.07 2.38 0.00	42.86 3.27 -0.15	51.49 3.41 0.00	58.46 3.62 0.00	57.41 3.55 0.00	47.71 2.95 0.00	43.10 3.04 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
ASTORIA_GT_10 24110	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.59 2.02 -0.01
ASTORIA_GT_11 24225	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.59 2.02 -0.01
ASTORIA_GT_12 24226	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.59 2.02 -0.01
ASTORIA_GT_13 24227	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.59 2.02 -0.01
ASTORIA_GT_5 24106	30.75 1.74 -0.01	29.16 1.55 0.00	27.06 1.36 0.00	26.53 1.36 -0.01	25.85 1.35 -0.01	26.28 1.16 0.00	28.21 1.08 0.00	27.02 1.11 0.00	25.59 1.22 0.00	24.29 1.53 0.00	26.18 1.62 0.00	27.74 1.59 0.00	29.39 1.77 0.00	31.84 2.08 0.00	31.22 2.07 0.00	34.07 2.38 0.00	42.86 3.27 -0.15	51.49 3.41 0.00	58.46 3.62 0.00	57.41 3.55 0.00	47.71 2.95 0.00	43.10 3.04 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
ASTORIA_GT_7 24107	30.75 1.74 -0.01	29.16 1.55 0.00	27.06 1.36 0.00	26.53 1.36 -0.01	25.85 1.35 -0.01	26.28 1.16 0.00	28.21 1.08 0.00	27.02 1.11 0.00	25.59 1.22 0.00	24.29 1.53 0.00	26.18 1.62 0.00	27.74 1.59 0.00	29.39 1.77 0.00	31.84 2.08 0.00	31.22 2.07 0.00	34.07 2.38 0.00	42.86 3.27 -0.15	51.49 3.41 0.00	58.46 3.62 0.00	57.41 3.55 0.00	47.71 2.95 0.00	43.10 3.04 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
ASTORIA_GT_8 24108	30.75 1.74 -0.01	29.16 1.55 0.00	27.06 1.36 0.00	26.53 1.36 -0.01	25.85 1.35 -0.01	26.28 1.16 0.00	28.21 1.08 0.00	27.02 1.11 0.00	25.59 1.22 0.00	24.29 1.53 0.00	26.18 1.62 0.00	27.74 1.59 0.00	29.39 1.77 0.00	31.84 2.08 0.00	31.22 2.07 0.00	34.07 2.38 0.00	42.86 3.27 -0.15	51.49 3.41 0.00	58.46 3.62 0.00	57.41 3.55 0.00	47.71 2.95 0.00	43.10 3.04 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
ASTORIA___2 24149	30.70 1.68 -0.01	29.10 1.49 0.00	27.01 1.31 0.00	26.47 1.31 -0.01	25.80 1.30 -0.01	26.23 1.10 0.00	28.18 1.06 0.00	26.96 1.06 0.01	25.53 1.17 0.01	24.25 1.48 0.00	26.13 1.57 0.00	27.68 1.54 0.01	29.33 1.71 0.01	31.77 2.02 0.01	31.16 2.01 0.00	34.01 2.31 0.00	42.71 3.12 -0.15	51.34 3.27 0.01	58.28 3.46 0.01	57.25 3.40 0.01	47.62 2.87 0.01	42.98 2.92 0.00	37.60 2.56 0.00	32.58 2.02 -0.01
ASTORIA___3 23516	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.90 0.00	31.99 2.23 0.00	31.37 2.21 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.69 3.61 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.58 2.02 -0.01
ASTORIA___4 23517	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.59 2.02 -0.01
ASTORIA___5 23518	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.90 0.00	31.99 2.23 0.00	31.37 2.21 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.69 3.61 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.58 2.02 -0.01
AST_ENERGY_2_CC3 323677	24.61 1.39 5.79	24.61 1.19 4.19	24.61 1.05 2.14	24.61 1.06 1.61	24.61 1.05 0.94	24.61 0.83 1.34	24.61 0.76 3.27	24.61 0.80 2.10	24.61 0.90 0.66	24.09 1.32 0.00	25.95 1.40 0.00	26.64 1.25 0.76	26.64 1.44 2.42	26.64 1.73 4.84	26.64 1.72 4.23	26.64 1.97 7.02	26.64 2.72 15.52	26.97 2.79 23.89	36.94 2.90 20.80	35.84 2.85 20.87	26.64 2.42 20.53	31.82 2.53 10.76	27.26 2.17 9.96	26.64 1.68 5.60
AST_ENERGY_2_CC4 323678	24.61 1.39 5.79	24.61 1.19 4.19	24.61 1.05 2.14	24.61 1.06 1.61	24.61 1.05 0.94	24.61 0.83 1.34	24.61 0.76 3.27	24.61 0.80 2.10	24.61 0.90 0.66	24.09 1.32 0.00	25.95 1.40 0.00	26.64 1.25 0.76	26.64 1.44 2.42	26.64 1.73 4.84	26.64 1.72 4.23	26.64 1.97 7.02	26.64 2.72 15.52	26.97 2.79 23.89	36.94 2.90 20.80	35.84 2.85 20.87	26.64 2.42 20.53	31.82 2.53 10.76	27.26 2.17 9.96	26.64 1.68 5.60

ATHENS_STG_1 23668	29.87 0.87 0.00	28.41 0.80 0.00	26.44 0.75 0.00	25.91 0.75 0.00	25.23 0.73 0.00	25.83 0.70 0.00	27.88 0.76 0.00	26.65 0.75 0.00	25.10 0.73 0.00	23.52 0.75 0.00	25.36 0.81 0.00	26.98 0.84 0.00	28.56 0.94 0.00	30.86 1.10 0.00	30.23 1.08 0.00	32.87 1.17 0.00	41.01 1.50 -0.07	49.76 1.68 0.00	56.64 1.81 0.00	55.63 1.77 0.00	46.32 1.57 0.00	41.54 1.48 0.00	36.27 1.23 0.00	31.51 0.95 0.00
ATHENS_STG_2 23670	29.87 0.87 0.00	28.41 0.80 0.00	26.44 0.75 0.00	25.91 0.75 0.00	25.23 0.73 0.00	25.83 0.70 0.00	27.88 0.76 0.00	26.65 0.75 0.00	25.10 0.73 0.00	23.52 0.75 0.00	25.36 0.81 0.00	26.98 0.84 0.00	28.56 0.94 0.00	30.86 1.10 0.00	30.23 1.08 0.00	32.87 1.17 0.00	41.01 1.50 -0.07	49.76 1.68 0.00	56.64 1.81 0.00	55.63 1.77 0.00	46.32 1.57 0.00	41.54 1.48 0.00	36.27 1.23 0.00	31.51 0.95 0.00
ATHENS_STG_3 23677	29.87 0.87 0.00	28.41 0.80 0.00	26.44 0.75 0.00	25.91 0.75 0.00	25.23 0.73 0.00	25.83 0.70 0.00	27.88 0.76 0.00	26.65 0.75 0.00	25.10 0.73 0.00	23.52 0.75 0.00	25.36 0.81 0.00	26.98 0.84 0.00	28.56 0.94 0.00	30.86 1.10 0.00	30.23 1.08 0.00	32.87 1.17 0.00	41.01 1.50 -0.07	49.76 1.68 0.00	56.64 1.81 0.00	55.63 1.77 0.00	46.32 1.57 0.00	41.54 1.48 0.00	36.27 1.23 0.00	31.51 0.95 0.00
AUBURN___LFGE 323710	29.83 0.23 -0.59	28.80 0.22 -0.97	26.98 0.21 -1.08	26.40 0.15 -1.10	25.75 0.15 -1.11	26.42 0.20 -1.09	28.94 0.19 -1.63	27.05 0.16 -0.99	24.94 -0.05 -0.61	23.24 -0.16 -0.63	24.96 -0.15 -0.55	27.11 -0.10 -1.07	28.53 -0.06 -0.96	30.26 -0.09 -0.59	29.69 -0.06 -0.59	32.47 -0.13 -0.90	39.96 -0.28 -0.80	48.30 -0.05 -0.27	55.26 0.11 -0.32	54.35 0.16 -0.33	45.53 0.27 -0.51	40.47 0.08 -0.33	35.55 0.18 -0.33	31.26 0.28 -0.42
BABYLON_RES_REC 323704	30.86 1.86 0.00	29.02 1.41 0.00	26.88 1.18 0.00	26.47 1.31 0.00	25.81 1.32 0.00	26.28 1.16 0.00	28.29 1.17 0.00	27.22 1.32 0.00	25.83 1.46 0.00	24.59 1.82 0.00	26.53 1.97 -0.01	28.20 2.04 -0.01	30.75 2.24 -0.89	33.42 2.53 -1.14	35.63 2.42 -4.06	43.57 2.66 -9.22	44.48 3.47 -1.57	52.13 4.04 -0.01	59.17 4.33 0.00	58.06 4.20 0.00	48.17 3.40 -0.01	43.43 3.37 -0.01	37.96 2.91 -0.01	32.67 2.11 0.00
BALL_HILL_WT_PWR 323825	29.33 0.32 0.00	28.03 0.41 0.00	26.16 0.46 0.00	25.29 0.13 0.00	24.69 0.20 0.00	25.45 0.33 0.00	27.36 0.24 0.00	26.09 0.18 0.00	23.84 -0.54 0.00	22.11 -0.66 0.00	24.16 -0.39 0.00	25.78 -0.37 0.00	27.51 -0.11 0.00	29.58 -0.18 0.00	28.86 -0.29 0.00	30.93 -0.76 0.00	38.02 -1.42 0.00	46.10 -1.97 0.00	53.08 -1.76 0.00	51.70 -2.16 0.00	43.46 -1.30 0.00	38.50 -1.56 0.00	34.59 -0.46 0.00	31.02 0.46 0.00
BARON_WINDS___WT_PWR 323822	29.47 0.46 0.00	28.05 0.44 0.00	26.16 0.46 0.00	25.44 0.28 0.00	24.79 0.29 0.00	25.53 0.40 0.00	27.47 0.35 0.00	26.16 0.26 0.00	24.01 -0.36 0.00	22.20 -0.57 0.00	24.14 -0.42 0.00	25.73 -0.42 0.00	27.40 -0.22 0.00	29.52 -0.24 0.00	28.86 -0.29 0.00	31.13 -0.57 0.00	38.41 -1.03 0.00	46.92 -1.15 0.00	54.12 -0.71 0.00	53.11 -0.75 0.00	44.45 -0.31 0.00	39.50 -0.56 0.00	35.08 0.04 0.00	31.17 0.61 0.00
BARRETT_IC_1 23704	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_10 23701	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_11 23702	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_12 23703	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_2 23705	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_3 23706	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_4 23707	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_5 23708	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01

BARRETT_IC_6 23709	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_7 23710	30.77 1.77 0.00	28.99 1.38 0.00	26.88 1.18 0.00	26.44 1.28 0.00	25.79 1.30 0.00	26.26 1.13 0.00	28.29 1.17 0.00	27.20 1.30 0.00	25.79 1.41 0.00	24.50 1.73 0.00	26.41 1.84 -0.01	28.06 1.91 -0.01	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.01	58.67 3.84 0.00	57.58 3.72 0.00	47.85 3.09 -0.01	42.95 2.88 -0.01	37.75 2.70 -0.01	32.58 2.02 0.00
BARRETT_IC_8 23711	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT_IC_9 23700	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT___1 23545	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BARRETT___2 23546	30.78 1.77 -0.01	29.00 1.38 -0.01	26.89 1.18 -0.01	26.42 1.26 -0.01	25.80 1.30 -0.01	26.26 1.13 -0.01	28.29 1.17 -0.01	27.20 1.29 -0.01	25.79 1.41 -0.01	24.50 1.73 -0.01	26.41 1.84 -0.02	28.07 1.91 -0.02	30.40 1.96 -0.82	36.72 2.26 -4.70	36.72 2.16 -5.41	42.48 2.25 -8.53	43.82 2.92 -1.46	51.65 3.56 -0.02	58.68 3.84 -0.01	57.58 3.71 -0.01	47.86 3.09 -0.02	42.96 2.89 -0.02	37.76 2.70 -0.02	32.58 2.02 -0.01
BATAVIA__115KV_TB1 55881	29.76 0.75 0.00	28.44 0.83 0.00	26.52 0.82 0.00	25.66 0.50 0.00	25.08 0.59 0.00	25.85 0.73 0.00	27.85 0.73 0.00	26.29 0.39 0.00	24.13 -0.24 0.00	22.38 -0.39 0.00	24.33 -0.22 0.00	25.88 -0.26 0.00	27.62 0.00 0.00	29.70 -0.06 0.00	29.04 -0.12 0.00	31.16 -0.54 0.00	38.38 -1.06 0.00	46.83 -1.25 0.00	54.01 -0.82 0.00	52.62 -1.24 0.00	44.22 -0.54 0.00	39.14 -0.92 0.00	35.04 0.00 0.00	31.45 0.89 0.00
BAYONEEC___CTG1 323682	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG10 323750	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG2 323683	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG3 323684	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG4 323685	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG5 323686	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG6 323687	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG7 323688	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00

BAYONEEC___CTG8 323689	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BAYONEEC___CTG9 323749	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.17 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.90 0.00
BEACON___LESR 323632	29.62 0.61 0.00	28.25 0.64 0.00	26.26 0.56 0.00	25.76 0.60 0.00	25.08 0.59 0.00	25.68 0.55 0.00	27.72 0.60 0.00	26.47 0.57 0.00	24.88 0.51 0.00	23.22 0.46 0.00	24.97 0.42 0.00	26.56 0.42 0.00	28.04 0.41 0.00	30.26 0.51 0.00	29.70 0.55 0.00	32.36 0.67 0.00	40.19 0.87 0.11	49.13 1.06 0.00	56.10 1.26 0.00	55.10 1.24 0.00	45.92 1.16 0.00	41.10 1.04 0.00	35.88 0.84 0.00	31.20 0.64 0.00
BEAVER RIVER___HYD 24048	40.81 0.32 -11.49	46.39 0.03 -18.75	46.65 0.05 -20.90	46.45 0.08 -21.21	46.04 -0.02 -21.57	46.43 0.10 -21.20	58.69 0.08 -31.49	45.08 0.00 -19.18	36.18 -0.05 -11.86	34.91 -0.02 -12.17	35.25 -0.02 -10.72	46.86 0.05 -20.66	46.41 0.11 -18.67	40.99 -0.12 -11.35	40.50 -0.17 -11.52	49.17 -0.03 -17.51	54.97 0.08 -15.45	53.94 0.58 -5.29	61.86 0.87 -6.15	61.25 0.97 -6.42	55.22 0.58 -9.88	47.00 0.48 -6.45	41.68 0.18 -6.46	38.92 0.22 -8.15
BEEBEE_GT_13 23619	29.24 0.23 0.00	27.86 0.25 0.00	25.95 0.26 0.00	25.23 0.08 0.00	24.62 0.12 0.00	25.33 0.20 0.00	27.31 0.19 0.00	26.06 0.16 0.00	24.10 -0.27 0.00	22.43 -0.34 0.00	24.33 -0.22 0.00	25.91 -0.24 0.00	27.54 -0.08 0.00	29.61 -0.15 0.00	28.98 -0.17 0.00	31.25 -0.44 0.00	38.57 -0.87 0.00	47.12 -0.96 0.00	54.12 -0.71 0.00	52.84 -1.02 0.00	44.26 -0.49 0.00	39.30 -0.76 0.00	34.90 -0.14 0.00	30.90 0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.01 2.00 -0.01	29.39 1.77 -0.01	27.29 1.59 0.00	26.78 1.61 -0.01	26.07 1.57 -0.01	26.56 1.43 0.00	28.56 1.44 0.00	27.33 1.42 0.00	25.83 1.46 0.00	24.41 1.64 0.00	26.37 1.82 0.00	28.05 1.91 0.00	29.75 2.13 0.00	32.26 2.50 0.00	31.66 2.51 0.00	34.52 2.82 0.00	43.46 3.87 -0.16	52.31 4.23 0.00	59.39 4.55 0.00	58.33 4.47 0.00	48.47 3.71 0.00	43.62 3.57 0.00	38.07 3.01 -0.01	32.95 2.38 -0.01
BETHLEHEM___GRP 23843	29.18 0.17 0.00	27.86 0.25 0.00	25.93 0.23 0.00	25.44 0.28 0.00	24.74 0.24 0.00	25.35 0.23 0.00	27.34 0.22 0.00	26.11 0.21 0.00	24.57 0.19 0.00	22.95 0.18 0.00	24.70 0.15 0.00	26.28 0.13 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.36 0.20 0.00	31.95 0.25 0.00	39.65 0.32 0.11	48.41 0.34 0.00	55.16 0.33 0.00	54.24 0.38 0.00	45.20 0.45 0.00	40.50 0.44 0.00	35.32 0.28 0.00	30.71 0.15 0.00
BETHLEHEM___GS1 323560	29.18 0.18 0.00	27.86 0.25 0.00	25.93 0.23 0.00	25.44 0.28 0.00	24.74 0.24 0.00	25.35 0.23 0.00	27.34 0.22 0.00	26.11 0.21 0.00	24.57 0.19 0.00	22.95 0.18 0.00	24.70 0.15 0.00	26.28 0.13 0.00	27.73 0.11 0.00	29.91 0.15 0.00	29.36 0.21 0.00	31.95 0.25 0.00	39.65 0.31 0.11	48.42 0.34 0.00	55.17 0.33 0.00	54.24 0.38 0.00	45.20 0.45 0.00	40.46 0.40 0.00	35.32 0.28 0.00	30.71 0.15 0.00
BETHLEHEM___GS2 323561	29.18 0.18 0.00	27.86 0.25 0.00	25.93 0.23 0.00	25.44 0.28 0.00	24.74 0.24 0.00	25.35 0.23 0.00	27.34 0.22 0.00	26.11 0.21 0.00	24.57 0.19 0.00	22.95 0.18 0.00	24.70 0.15 0.00	26.28 0.13 0.00	27.73 0.11 0.00	29.91 0.15 0.00	29.36 0.21 0.00	31.95 0.25 0.00	39.65 0.31 0.11	48.42 0.34 0.00	55.17 0.33 0.00	54.24 0.38 0.00	45.20 0.45 0.00	40.46 0.40 0.00	35.32 0.28 0.00	30.71 0.15 0.00
BETHLEHEM___GS3 323562	29.18 0.18 0.00	27.86 0.25 0.00	25.93 0.23 0.00	25.44 0.28 0.00	24.74 0.24 0.00	25.35 0.23 0.00	27.34 0.22 0.00	26.11 0.21 0.00	24.57 0.19 0.00	22.95 0.18 0.00	24.70 0.15 0.00	26.28 0.13 0.00	27.73 0.11 0.00	29.91 0.15 0.00	29.36 0.21 0.00	31.95 0.25 0.00	39.65 0.31 0.11	48.42 0.34 0.00	55.17 0.33 0.00	54.24 0.38 0.00	45.20 0.45 0.00	40.46 0.40 0.00	35.32 0.28 0.00	30.71 0.15 0.00
BETHLEHEM___STEEL 23779	29.27 0.26 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.64 0.15 0.00	25.40 0.28 0.00	27.28 0.16 0.00	26.01 0.10 0.00	23.79 -0.58 0.00	22.06 -0.71 0.00	24.09 -0.47 0.00	25.70 -0.44 0.00	27.40 -0.22 0.00	29.49 -0.27 0.00	28.74 -0.41 0.00	30.81 -0.89 0.00	37.86 -1.58 0.00	45.87 -2.21 0.00	52.81 -2.03 0.00	51.44 -2.42 0.00	43.28 -1.48 0.00	38.30 -1.76 0.00	34.48 -0.56 0.00	30.99 0.43 0.00
BETHLHEM_115KV_TB1 79974	29.27 0.26 0.00	27.92 0.30 0.00	25.98 0.28 0.00	25.49 0.33 0.00	24.79 0.29 0.00	25.40 0.28 0.00	27.39 0.27 0.00	26.19 0.28 0.00	24.62 0.24 0.00	23.02 0.25 0.00	24.78 0.22 0.00	26.33 0.18 0.00	27.82 0.19 0.00	30.00 0.24 0.00	29.44 0.29 0.00	32.04 0.35 0.00	39.78 0.43 0.10	48.56 0.48 0.00	55.33 0.49 0.00	54.34 0.48 0.00	45.29 0.54 0.00	40.58 0.52 0.00	35.43 0.39 0.00	30.80 0.24 0.00
BETHPAGE_CC_5 323564	30.86 1.86 0.00	29.05 1.43 0.00	26.90 1.21 0.00	26.47 1.31 0.00	25.84 1.35 0.00	26.31 1.18 0.00	28.34 1.22 0.00	27.27 1.37 0.00	25.86 1.49 0.00	24.59 1.82 0.00	26.53 1.97 -0.01	28.22 2.06 -0.01	30.80 2.24 -0.94	33.49 2.41 -1.32	35.72 2.21 -4.35	43.87 2.41 -9.77	44.21 3.12 -1.65	51.65 3.56 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.81 3.04 -0.01	43.03 2.96 -0.01	37.65 2.59 -0.01	32.52 1.96 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.24 0.23 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.64 0.15 0.00	25.40 0.28 0.00	27.28 0.16 0.00	25.98 0.08 0.00	23.79 -0.58 0.00	22.06 -0.71 0.00	24.09 -0.47 0.00	25.70 -0.44 0.00	27.40 -0.22 0.00	29.52 -0.24 0.00	28.77 -0.38 0.00	30.84 -0.86 0.00	37.90 -1.54 0.00	45.91 -2.16 0.00	52.86 -1.97 0.00	51.49 -2.37 0.00	43.32 -1.43 0.00	38.30 -1.76 0.00	34.48 -0.56 0.00	30.99 0.43 0.00
BINGHAMTON___COGEN 23790	29.38 0.38 0.00	27.94 0.33 0.00	26.03 0.33 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.43 0.30 0.00	27.39 0.27 0.00	26.16 0.26 0.00	24.37 0.00 0.00	22.68 -0.09 0.00	24.53 -0.02 0.00	26.17 0.03 0.00	27.76 0.14 0.00	29.88 0.12 0.00	29.27 0.12 0.00	31.76 0.06 0.00	39.40 -0.04 0.00	48.08 0.00 0.00	55.00 0.16 0.00	53.97 0.11 0.00	45.02 0.27 0.00	40.22 0.16 0.00	35.32 0.28 0.00	31.02 0.46 0.00

BIXINCNT_115KV_LOAD 355685	29.12 0.12 0.00	27.86 0.25 0.00	26.06 0.36 0.00	25.18 0.03 0.00	24.64 0.15 0.00	25.40 0.28 0.00	27.28 0.16 0.00	26.03 0.13 0.00	23.79 -0.58 0.00	22.06 -0.71 0.00	24.11 -0.44 0.00	25.73 -0.42 0.00	27.46 -0.17 0.00	29.55 -0.21 0.00	28.83 -0.32 0.00	30.94 -0.76 0.00	38.06 -1.38 0.00	46.11 -1.97 0.00	53.19 -1.65 0.00	51.76 -2.10 0.00	43.32 -1.43 0.00	38.34 -1.72 0.00	34.48 -0.56 0.00	30.96 0.40 0.00
BLACK RIVER___HYD 24047	37.60 0.67 -7.92	40.71 0.17 -12.93	40.27 0.16 -14.41	39.99 0.20 -14.63	39.44 0.07 -14.88	39.97 0.23 -14.62	49.06 0.22 -21.72	39.21 0.08 -13.23	32.46 -0.10 -8.18	30.98 -0.18 -8.39	31.75 -0.20 -7.39	40.29 -0.10 -14.25	40.45 -0.06 -12.88	37.32 -0.27 -7.83	36.81 -0.29 -7.95	43.67 -0.09 -12.07	50.14 0.04 -10.66	52.45 0.72 -3.65	60.23 1.15 -4.24	59.63 1.35 -4.42	52.60 1.03 -6.81	45.35 0.84 -4.45	39.92 0.42 -4.46	36.58 0.40 -5.62
BLACKRVR_115KV_TB2 79977	37.59 0.67 -7.92	40.71 0.17 -12.93	40.27 0.15 -14.41	39.99 0.20 -14.63	39.44 0.07 -14.88	39.98 0.23 -14.62	49.06 0.22 -21.72	39.21 0.08 -13.23	32.46 -0.10 -8.18	30.98 -0.18 -8.39	31.75 -0.20 -7.39	40.29 -0.10 -14.25	40.45 -0.06 -12.88	37.32 -0.27 -7.83	36.81 -0.29 -7.95	43.67 -0.10 -12.07	50.14 0.04 -10.66	52.45 0.72 -3.65	60.23 1.15 -4.24	59.63 1.35 -4.42	52.60 1.03 -6.81	45.35 0.84 -4.45	39.92 0.42 -4.46	36.58 0.40 -5.62
BLDWN_LI_69_KV_BK4 356085	30.92 1.91 0.00	29.08 1.46 0.00	26.98 1.28 0.00	26.52 1.36 0.00	25.86 1.37 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.30 1.40 0.00	25.88 1.51 0.00	24.59 1.82 0.00	26.56 1.99 -0.01	28.22 2.07 -0.01	30.88 2.21 -1.05	34.68 2.53 -2.39	36.83 2.39 -5.29	45.23 2.60 -10.94	44.62 3.35 -1.83	52.13 4.04 -0.01	59.17 4.33 0.00	58.06 4.20 0.00	48.22 3.45 -0.01	43.36 3.28 -0.01	37.97 2.91 -0.01	32.73 2.17 0.00
BLISS_WT_PWR 323608	29.15 0.15 0.00	27.86 0.25 0.00	26.06 0.36 0.00	25.23 0.08 0.00	24.67 0.17 0.00	25.43 0.30 0.00	27.34 0.22 0.00	26.09 0.18 0.00	23.81 -0.56 0.00	22.06 -0.71 0.00	24.14 -0.42 0.00	25.75 -0.39 0.00	27.48 -0.14 0.00	29.58 -0.18 0.00	28.86 -0.29 0.00	30.97 -0.73 0.00	38.10 -1.34 0.00	46.15 -1.92 0.00	53.24 -1.59 0.00	51.76 -2.10 0.00	43.32 -1.43 0.00	38.38 -1.68 0.00	34.48 -0.56 0.00	30.96 0.40 0.00
BLUESTONE___WT_PWR 323821	30.63 1.62 0.00	28.94 1.33 0.00	26.93 1.23 0.00	26.39 1.23 0.00	25.60 1.10 0.00	26.41 1.28 0.00	28.48 1.36 0.00	27.04 1.14 0.00	25.13 0.76 0.00	23.27 0.50 0.00	25.14 0.59 0.00	26.90 0.76 0.00	28.56 0.94 0.00	30.71 0.95 0.00	29.97 0.82 0.00	32.74 1.04 0.00	40.82 1.38 0.00	50.39 2.31 0.00	57.85 3.01 0.00	56.98 3.12 0.00	47.49 2.73 0.00	42.38 2.32 0.00	36.93 1.89 0.00	32.33 1.77 0.00
BLUE_CIRC_CHEM_DRP 24182	29.61 0.61 0.00	28.22 0.61 0.00	26.26 0.57 0.00	25.74 0.58 0.00	25.06 0.56 0.00	25.68 0.55 0.00	27.69 0.57 0.00	26.39 0.49 0.00	24.76 0.39 0.00	23.09 0.32 0.00	24.82 0.27 0.00	26.38 0.24 0.00	27.87 0.25 0.00	30.09 0.33 0.00	29.53 0.38 0.00	32.14 0.44 0.00	40.00 0.63 0.07	48.90 0.82 0.00	55.82 0.99 0.00	54.88 1.02 0.00	45.74 0.98 0.00	40.98 0.92 0.00	35.81 0.77 0.00	31.17 0.61 0.00
BOC_GAS_DRP 24189	29.50 0.49 0.00	28.08 0.47 0.00	26.13 0.44 0.00	25.61 0.45 0.00	24.91 0.42 0.00	25.53 0.40 0.00	27.56 0.43 0.00	26.32 0.41 0.00	24.76 0.39 0.00	23.15 0.39 0.00	24.95 0.39 0.00	26.54 0.39 0.00	28.06 0.44 0.00	30.26 0.51 0.00	29.68 0.52 0.00	32.27 0.57 0.00	40.13 0.75 0.06	48.90 0.82 0.00	55.66 0.82 0.00	54.72 0.86 0.00	45.61 0.85 0.00	40.86 0.80 0.00	35.71 0.67 0.00	31.05 0.49 0.00
BOONVILLE_115KV_TB1 79983	33.97 0.55 -4.41	35.17 0.36 -7.20	34.08 0.36 -8.02	33.68 0.38 -8.14	33.07 0.29 -8.28	33.67 0.40 -8.14	39.61 0.41 -12.09	33.60 0.34 -7.36	29.17 0.24 -4.55	27.64 0.20 -4.67	28.92 0.25 -4.11	34.39 0.31 -7.93	35.15 0.36 -7.17	34.35 0.24 -4.36	33.78 0.20 -4.42	38.76 0.35 -6.72	45.88 0.51 -5.93	51.12 1.01 -2.03	58.46 1.26 -2.36	57.67 1.35 -2.46	49.58 1.03 -3.79	43.42 0.88 -2.48	38.08 0.56 -2.48	34.24 0.55 -3.13
BORALEX_4TH_BRANCH 23824	30.40 1.39 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.32 1.16 0.00	25.62 1.13 0.00	26.26 1.13 0.00	28.45 1.33 0.00	27.20 1.30 0.00	25.62 1.24 0.00	23.91 1.14 0.00	25.63 1.08 0.00	27.22 1.07 0.00	28.73 1.10 0.00	31.04 1.28 0.00	30.38 1.22 0.00	33.12 1.43 0.00	40.97 1.85 0.33	50.34 2.26 0.00	57.36 2.52 0.00	56.34 2.48 0.00	46.99 2.24 0.00	42.02 1.96 0.00	36.69 1.65 0.00	31.97 1.41 0.00
BOWLINE___1 23526	30.22 1.22 0.00	28.69 1.08 0.00	26.65 0.95 0.00	26.14 0.98 0.00	25.45 0.95 0.00	26.06 0.93 0.00	28.10 0.97 0.00	26.91 1.01 0.00	25.37 1.00 0.00	23.86 1.09 0.00	25.78 1.23 0.00	27.45 1.31 0.00	29.11 1.49 0.00	31.51 1.76 0.00	30.84 1.69 0.00	33.60 1.90 0.00	42.11 2.53 -0.14	50.87 2.79 0.00	57.85 3.01 0.00	56.77 2.91 0.00	47.22 2.46 0.00	42.42 2.36 0.00	37.00 1.96 0.00	32.06 1.50 0.00
BOWLINE___2 23595	30.22 1.22 0.00	28.66 1.05 0.00	26.65 0.95 0.00	26.11 0.96 0.00	25.45 0.95 0.00	26.06 0.93 0.00	28.10 0.97 0.00	26.91 1.01 0.00	25.37 1.00 0.00	23.86 1.09 0.00	25.78 1.23 0.00	27.45 1.31 0.00	29.11 1.49 0.00	31.48 1.73 0.00	30.84 1.69 0.00	33.60 1.90 0.00	42.07 2.49 -0.14	50.87 2.79 0.00	57.85 3.01 0.00	56.77 2.91 0.00	47.22 2.46 0.00	42.42 2.36 0.00	36.97 1.93 0.00	32.03 1.47 0.00
BRADY___115KV_TB2 356060	69.00 0.23 -39.76	92.69 0.17 -64.91	98.22 0.18 -72.34	98.79 0.20 -73.43	99.34 0.17 -74.67	98.75 0.23 -73.40	136.37 0.24 -109.00	92.54 0.23 -66.40	65.77 0.34 -41.06	65.19 0.30 -42.13	61.96 0.29 -37.11	98.01 0.34 -71.52	92.60 0.33 -64.65	69.38 0.33 -39.29	69.36 0.32 -39.89	92.74 0.44 -60.60	93.56 0.63 -53.49	67.30 0.91 -18.31	77.23 1.10 -21.29	77.20 1.13 -22.21	79.59 0.63 -34.21	62.96 0.56 -22.34	57.83 0.42 -22.36	59.11 0.34 -28.21
BRANSCOMB___SOLAR 323811	30.66 1.65 0.00	29.16 1.55 0.00	27.11 1.41 0.00	26.59 1.43 0.00	25.89 1.40 0.00	26.56 1.43 0.00	28.67 1.55 0.00	27.35 1.45 0.00	25.59 1.22 0.00	23.75 0.98 0.00	25.27 0.71 0.00	26.88 0.73 0.00	28.31 0.69 0.00	30.68 0.92 0.00	30.11 0.96 0.00	32.90 1.20 0.00	40.89 1.62 0.17	50.34 2.26 0.00	58.02 3.18 0.00	57.15 3.29 0.00	47.71 2.95 0.00	42.62 2.57 0.00	37.22 2.17 0.00	32.36 1.80 0.00
BRDGHMPT_69_KV_BK1 55812	31.06 2.06 0.00	29.13 1.52 0.00	26.98 1.28 0.00	26.59 1.43 0.00	25.99 1.49 0.00	26.36 1.23 0.00	28.31 1.19 0.00	27.30 1.40 0.00	25.98 1.61 0.00	24.84 2.07 0.00	26.87 2.31 -0.01	28.53 2.38 -0.01	31.08 2.65 -0.80	33.61 3.01 -0.85	35.61 2.86 -3.60	43.35 3.30 -8.36	45.21 4.34 -1.44	53.14 5.05 -0.01	60.21 5.37 0.00	59.03 5.17 0.00	48.97 4.21 -0.01	44.19 4.13 -0.01	38.38 3.33 -0.01	32.85 2.29 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	31.01 2.00 0.00	29.13 1.52 0.00	27.01 1.31 0.00	26.57 1.41 0.00	25.94 1.45 0.00	26.38 1.26 0.00	28.37 1.25 0.00	27.33 1.42 0.00	25.96 1.58 0.00	24.73 1.96 0.00	26.68 2.11 -0.01	28.35 2.20 -0.01	30.87 2.43 -0.82	33.42 2.77 -0.90	35.48 2.65 -3.67	43.14 2.95 -8.50	44.72 3.83 -1.46	52.51 4.42 -0.01	59.55 4.72 0.00	58.38 4.52 0.00	48.48 3.71 -0.01	43.79 3.73 -0.01	38.21 3.15 -0.01	32.79 2.23 0.00
BRISTLHL_115KV_TB1 79998	29.70 -0.32 -1.01	28.99 -0.28 -1.65	27.28 -0.26 -1.84	26.75 -0.28 -1.87	26.12 -0.27 -1.90	26.71 -0.28 -1.87	29.59 -0.30 -2.77	27.28 -0.31 -1.69	25.00 -0.41 -1.04	23.41 -0.43 -1.07	25.06 -0.44 -0.94	27.49 -0.47 -1.82	28.77 -0.50 -1.64	30.16 -0.60 -1.00	29.61 -0.55 -1.01	32.57 -0.67 -1.54	39.89 -0.91 -1.36	47.53 -1.01 -0.46	54.33 -1.04 -0.54	53.45 -0.97 -0.56	44.91 -0.72 -0.87	39.91 -0.72 -0.57	35.05 -0.56 -0.57	30.88 -0.40 -0.72
BROOKHAVEN___DRP 24191	30.57 1.57 0.00	28.66 1.05 0.00	26.60 0.90 0.00	26.19 1.03 0.00	25.60 1.10 0.00	25.98 0.85 0.00	27.93 0.81 0.00	26.91 1.01 0.00	25.59 1.22 0.00	24.41 1.64 0.00	26.36 1.79 -0.01	27.99 1.83 -0.01	30.44 2.02 -0.80	32.96 2.35 -0.85	34.93 2.19 -3.59	42.59 2.54 -8.36	44.23 3.35 -1.43	51.89 3.80 -0.01	58.84 4.00 0.00	57.74 3.88 0.00	47.94 3.18 -0.01	43.27 3.20 -0.01	37.68 2.63 -0.01	32.30 1.74 0.00
BROOKLYN_NAVY_YARD 23515	30.46 1.45 0.00	28.88 1.27 0.00	26.83 1.13 0.00	26.29 1.13 0.00	25.62 1.13 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.23 1.46 0.00	26.17 1.62 0.00	27.84 1.70 0.00	29.53 1.90 0.00	31.99 2.23 0.00	31.37 2.21 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.59 3.51 0.00	58.57 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	42.98 2.92 0.00	37.50 2.45 0.00	32.39 1.83 0.00
BROOKLYN___ARMY_DRP 323595	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
BROOME_2_LFGE 323671	29.38 0.38 0.00	27.95 0.33 0.00	26.03 0.33 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.43 0.30 0.00	27.39 0.27 0.00	26.16 0.26 0.00	24.37 0.00 0.00	22.68 -0.09 0.00	24.53 -0.02 0.00	26.17 0.03 0.00	27.76 0.14 0.00	29.88 0.12 0.00	29.27 0.12 0.00	31.76 0.06 0.00	39.40 -0.04 0.00	48.08 0.00 0.00	55.00 0.17 0.00	53.97 0.11 0.00	45.03 0.27 0.00	40.22 0.16 0.00	35.32 0.28 0.00	31.02 0.46 0.00
BROOME___LFGE 323600	29.38 0.38 0.00	27.95 0.33 0.00	26.03 0.33 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.43 0.30 0.00	27.39 0.27 0.00	26.16 0.26 0.00	24.37 0.00 0.00	22.68 -0.09 0.00	24.53 -0.02 0.00	26.17 0.03 0.00	27.76 0.14 0.00	29.88 0.12 0.00	29.27 0.12 0.00	31.76 0.06 0.00	39.40 -0.04 0.00	48.08 0.00 0.00	55.00 0.17 0.00	53.97 0.11 0.00	45.03 0.27 0.00	40.22 0.16 0.00	35.32 0.28 0.00	31.02 0.46 0.00
BROWNFLS_115KV_TB_3_5 80003	49.93 0.23 -20.69	61.43 0.03 -33.79	63.40 0.05 -37.65	63.45 0.08 -38.22	63.38 0.02 -38.87	63.43 0.10 -38.20	83.96 0.11 -56.73	60.54 0.08 -34.56	45.84 0.10 -21.37	44.81 0.11 -21.93	43.99 0.12 -19.32	63.55 0.18 -37.23	61.46 0.19 -33.65	50.27 0.06 -20.45	49.94 0.03 -20.76	63.39 0.16 -31.54	67.56 0.28 -27.84	58.28 0.67 -9.53	66.80 0.88 -11.08	66.34 0.92 -11.56	63.05 0.49 -17.80	52.13 0.44 -11.63	46.89 0.21 -11.64	45.43 0.18 -14.68
BROWNSV1_27_KV_LOAD 356125	30.77 1.77 0.00	29.19 1.57 0.00	27.11 1.41 0.00	26.59 1.43 0.00	25.89 1.40 0.00	26.48 1.36 0.00	28.59 1.46 0.00	27.41 1.50 0.00	25.91 1.54 0.00	24.43 1.66 0.00	26.40 1.84 0.00	28.08 1.93 0.00	29.80 2.18 0.00	32.29 2.53 0.00	31.63 2.48 0.00	34.49 2.79 0.00	43.22 3.63 -0.15	52.12 4.04 0.00	59.17 4.33 0.00	58.11 4.25 0.00	48.34 3.58 0.00	43.42 3.36 0.00	37.85 2.80 0.00	32.76 2.20 0.00
BURROWS___LYONSDAL 23803	35.27 0.46 -5.80	37.33 0.25 -9.47	36.50 0.26 -10.55	36.14 0.28 -10.71	35.58 0.20 -10.89	36.13 0.30 -10.70	43.34 0.33 -15.89	35.82 0.23 -9.68	30.51 0.15 -5.99	29.07 0.16 -6.14	30.14 0.17 -5.41	36.83 0.26 -10.43	37.35 0.30 -9.43	35.64 0.15 -5.73	35.06 0.09 -5.82	40.75 0.22 -8.84	47.63 0.39 -7.80	51.61 0.87 -2.67	59.09 1.15 -3.10	58.28 1.18 -3.24	50.59 0.85 -4.99	44.04 0.72 -3.26	38.76 0.46 -3.26	35.10 0.43 -4.11
CAITHNESS_CC_1 323624	30.57 1.57 0.00	28.69 1.08 0.00	26.57 0.87 0.00	26.19 1.03 0.00	25.62 1.13 0.00	26.00 0.88 0.00	27.96 0.84 0.00	26.94 1.04 0.00	25.61 1.24 0.00	24.43 1.66 0.00	26.36 1.79 -0.01	28.01 1.86 -0.01	30.47 2.04 -0.80	32.95 2.35 -0.85	34.93 2.19 -3.59	42.55 2.50 -8.35	44.19 3.31 -1.43	51.84 3.75 -0.01	58.79 3.95 0.00	57.63 3.77 0.00	47.90 3.13 -0.01	43.23 3.16 -0.01	37.68 2.63 -0.01	32.30 1.74 0.00
CALPINE BETH_PAGE_GT4 24209	30.89 1.89 0.00	29.05 1.44 0.00	26.96 1.26 0.00	26.49 1.33 0.00	25.84 1.35 0.00	26.31 1.18 0.00	28.34 1.22 0.00	27.28 1.37 0.00	25.86 1.49 0.00	24.59 1.82 0.00	26.53 1.96 -0.01	28.22 2.07 -0.01	30.86 2.24 -1.00	33.70 2.41 -1.53	36.00 2.16 -4.69	44.45 2.35 -10.41	44.23 3.04 -1.75	51.60 3.51 -0.01	58.56 3.73 0.00	57.47 3.61 0.00	47.77 3.00 -0.01	43.00 2.92 -0.01	37.61 2.56 -0.01	32.52 1.96 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.86 1.86 0.00	29.05 1.43 0.00	26.93 1.23 0.00	26.49 1.33 0.00	25.84 1.35 0.00	26.31 1.18 0.00	28.34 1.22 0.00	27.27 1.37 0.00	25.86 1.49 0.00	24.59 1.82 0.00	26.53 1.97 -0.01	28.22 2.06 -0.01	30.86 2.24 -1.00	33.70 2.41 -1.53	36.03 2.19 -4.69	44.45 2.35 -10.41	44.23 3.04 -1.75	51.60 3.51 -0.01	58.57 3.73 0.00	57.47 3.61 0.00	47.77 3.00 -0.01	42.96 2.89 -0.01	37.61 2.56 -0.01	32.52 1.96 0.00
CALPINE_BP_GT1 23823	30.86 1.86 0.00	29.05 1.43 0.00	26.93 1.23 0.00	26.49 1.33 0.00	25.84 1.35 0.00	26.31 1.18 0.00	28.34 1.22 0.00	27.27 1.37 0.00	25.86 1.49 0.00	24.59 1.82 0.00	26.53 1.97 -0.01	28.22 2.06 -0.01	30.86 2.24 -1.00	33.70 2.41 -1.53	36.03 2.19 -4.69	44.45 2.35 -10.41	44.23 3.04 -1.75	51.60 3.51 -0.01	58.57 3.73 0.00	57.47 3.61 0.00	47.77 3.00 -0.01	42.96 2.89 -0.01	37.61 2.56 -0.01	32.52 1.96 0.00
CALSPAN___DRP 24200	29.27 0.26 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.64 0.15 0.00	25.40 0.28 0.00	27.28 0.16 0.00	26.01 0.10 0.00	23.79 -0.58 0.00	22.06 -0.71 0.00	24.09 -0.47 0.00	25.70 -0.44 0.00	27.40 -0.22 0.00	29.49 -0.27 0.00	28.74 -0.41 0.00	30.81 -0.89 0.00	37.86 -1.58 0.00	45.87 -2.21 0.00	52.81 -2.03 0.00	51.44 -2.42 0.00	43.28 -1.48 0.00	38.30 -1.76 0.00	34.48 -0.56 0.00	30.99 0.43 0.00

CALVERTON___SOLAR 323806	30.57 1.57 0.00	28.69 1.08 0.00	26.57 0.87 0.00	26.19 1.03 0.00	25.62 1.13 0.00	26.00 0.88 0.00	27.93 0.81 0.00	26.94 1.04 0.00	25.61 1.24 0.00	24.45 1.68 0.00	26.38 1.82 -0.01	28.01 1.86 -0.01	30.47 2.04 -0.80	32.99 2.38 -0.85	34.99 2.24 -3.59	42.65 2.60 -8.36	44.31 3.43 -1.43	52.03 3.94 -0.01	59.00 4.17 0.00	57.84 3.99 0.00	48.03 3.27 -0.01	43.35 3.29 -0.01	37.71 2.66 -0.01	32.33 1.77 0.00
CANDIGU_WT_PWR 323617	29.47 0.46 0.00	28.05 0.44 0.00	26.16 0.46 0.00	25.44 0.28 0.00	24.79 0.29 0.00	25.53 0.40 0.00	27.47 0.35 0.00	26.16 0.26 0.00	24.01 -0.36 0.00	22.20 -0.57 0.00	24.14 -0.42 0.00	25.73 -0.42 0.00	27.40 -0.22 0.00	29.52 -0.24 0.00	28.86 -0.29 0.00	31.13 -0.57 0.00	38.41 -1.03 0.00	46.92 -1.15 0.00	54.12 -0.71 0.00	53.11 -0.75 0.00	44.45 -0.31 0.00	39.50 -0.56 0.00	35.08 0.04 0.00	31.17 0.61 0.00
CARR STREET_E_SYR 24060	29.62 -0.20 -0.81	28.77 -0.16 -1.33	27.02 -0.15 -1.48	26.48 -0.17 -1.50	25.85 -0.17 -1.53	26.45 -0.17 -1.50	29.16 -0.19 -2.23	27.05 -0.21 -1.36	24.87 -0.34 -0.84	23.24 -0.39 -0.86	24.95 -0.37 -0.76	27.24 -0.37 -1.46	28.58 -0.36 -1.32	30.12 -0.45 -0.80	29.56 -0.41 -0.82	32.36 -0.57 -1.24	39.59 -0.95 -1.09	47.46 -1.01 -0.40	54.25 -1.04 -0.46	53.32 -1.02 -0.48	44.78 -0.72 -0.74	39.80 -0.72 -0.46	35.01 -0.49 -0.46	30.92 -0.21 -0.58
CARTHAGE___PAPER 23857	38.77 0.46 -9.30	42.85 0.06 -15.18	42.70 0.08 -16.92	42.44 0.10 -17.18	41.96 0.00 -17.47	42.45 0.15 -17.17	52.76 0.14 -25.50	41.46 0.03 -15.53	33.90 -0.07 -9.60	32.53 -0.09 -9.85	33.14 -0.10 -8.68	42.85 -0.03 -16.73	42.74 0.00 -15.12	38.74 -0.21 -9.19	38.25 -0.23 -9.33	45.81 -0.06 -14.17	52.03 0.08 -12.51	53.08 0.72 -4.28	60.86 1.04 -4.98	60.24 1.18 -5.19	53.56 0.81 -8.00	45.97 0.68 -5.23	40.55 0.28 -5.23	37.43 0.27 -6.60
CASSADAGA_WT_PWR 323784	29.82 0.81 0.00	28.47 0.86 0.00	26.57 0.87 0.00	25.66 0.50 0.00	25.08 0.59 0.00	25.85 0.73 0.00	27.80 0.68 0.00	26.55 0.65 0.00	24.25 -0.12 0.00	22.47 -0.30 0.00	24.60 0.05 0.00	26.28 0.13 0.00	28.04 0.41 0.00	30.17 0.42 0.00	29.41 0.26 0.00	31.57 -0.13 0.00	38.81 -0.63 0.00	47.07 -1.01 0.00	54.29 -0.55 0.00	52.89 -0.97 0.00	44.26 -0.49 0.00	39.22 -0.84 0.00	35.18 0.14 0.00	31.51 0.95 0.00
CE_DUNWOOD___DRP 24194	30.40 1.39 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.54 1.17 0.00	24.04 1.27 0.00	25.98 1.42 0.00	27.64 1.49 0.00	29.33 1.71 0.00	31.72 1.96 0.00	31.08 1.92 0.00	33.88 2.19 0.00	42.43 2.84 -0.15	51.25 3.17 0.00	58.18 3.34 0.00	57.15 3.29 0.00	47.58 2.82 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.24 1.68 0.00
CE_MILLWOOD___DRP 24193	30.34 1.33 0.00	28.77 1.16 0.00	26.75 1.05 0.00	26.24 1.08 0.00	25.55 1.05 0.00	26.13 1.00 0.00	28.21 1.08 0.00	27.02 1.11 0.00	25.49 1.12 0.00	23.97 1.21 0.00	25.90 1.35 0.00	27.56 1.41 0.00	29.22 1.60 0.00	31.63 1.87 0.00	30.99 1.84 0.00	33.76 2.06 0.00	42.27 2.68 -0.15	51.11 3.03 0.00	58.07 3.24 0.00	56.98 3.12 0.00	47.44 2.69 0.00	42.62 2.56 0.00	37.15 2.10 0.00	32.18 1.62 0.00
CE_NYC2_DRP 24202	30.70 1.68 -0.01	29.10 1.49 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.82 1.32 -0.01	26.36 1.23 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.29 1.53 0.00	26.22 1.67 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.40 2.24 0.00	34.23 2.54 0.00	42.98 3.39 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.18 3.12 0.00	37.67 2.63 0.00	32.62 2.05 -0.01
CE_NYC_DRP 24195	30.60 1.60 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.42 1.30 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.29 1.53 0.00	26.22 1.67 0.00	27.90 1.75 0.00	29.61 1.99 0.00	32.05 2.29 0.00	31.43 2.27 0.00	34.23 2.54 0.00	42.90 3.31 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.10 3.04 0.00	37.60 2.56 0.00	32.52 1.96 0.00
CHAFFEE___LFGE 323603	29.27 0.26 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.23 0.08 0.00	24.62 0.12 0.00	25.38 0.25 0.00	27.31 0.19 0.00	26.03 0.13 0.00	23.79 -0.59 0.00	22.06 -0.71 0.00	24.11 -0.44 0.00	25.70 -0.44 0.00	27.43 -0.19 0.00	29.52 -0.24 0.00	28.77 -0.38 0.00	30.84 -0.85 0.00	37.94 -1.50 0.00	46.01 -2.07 0.00	52.97 -1.86 0.00	51.55 -2.31 0.00	43.37 -1.39 0.00	38.41 -1.64 0.00	34.52 -0.52 0.00	31.02 0.46 0.00
CHATEAUG_35_KV_LOAD 355732	33.75 0.15 -4.60	35.34 0.22 -7.51	34.30 0.23 -8.37	33.88 0.23 -8.49	33.40 0.27 -8.64	33.94 0.33 -8.49	40.14 0.41 -12.61	34.05 0.47 -7.68	29.80 0.68 -4.75	28.32 0.68 -4.87	29.56 0.71 -4.29	35.18 0.76 -8.27	35.85 0.75 -7.48	35.05 0.74 -4.55	34.47 0.70 -4.61	39.53 0.82 -7.01	46.73 1.10 -6.19	51.49 1.30 -2.12	58.78 1.48 -2.46	57.88 1.45 -2.57	49.61 0.90 -3.96	43.44 0.80 -2.58	38.30 0.67 -2.59	34.37 0.55 -3.26
CHATEAUG_WT_PWR 323614	31.00 0.15 -1.85	30.85 0.22 -3.01	29.29 0.23 -3.36	28.79 0.23 -3.41	28.23 0.27 -3.47	28.86 0.33 -3.41	32.59 0.41 -5.06	29.45 0.47 -3.08	26.94 0.66 -1.91	25.41 0.68 -1.96	27.01 0.74 -1.72	30.22 0.76 -3.32	31.40 0.77 -3.00	32.33 0.74 -1.82	31.70 0.70 -1.85	35.33 0.82 -2.81	42.99 1.07 -2.48	50.18 1.25 -0.85	57.25 1.42 -0.99	56.29 1.40 -1.03	47.24 0.89 -1.59	41.90 0.80 -1.04	36.78 0.70 -1.04	32.45 0.58 -1.31
CHAT_HIGH_FALL_HYD 323578	33.75 0.15 -4.60	35.34 0.22 -7.51	34.30 0.23 -8.37	33.88 0.23 -8.49	33.40 0.27 -8.64	33.94 0.33 -8.49	40.14 0.41 -12.61	34.05 0.47 -7.68	29.80 0.68 -4.75	28.32 0.68 -4.87	29.56 0.71 -4.29	35.18 0.76 -8.27	35.85 0.75 -7.48	35.05 0.74 -4.55	34.47 0.70 -4.61	39.53 0.82 -7.01	46.73 1.10 -6.19	51.49 1.30 -2.12	58.78 1.48 -2.46	57.88 1.45 -2.57	49.61 0.90 -3.96	43.44 0.80 -2.58	38.30 0.67 -2.59	34.37 0.55 -3.26
CHAUTAUQUA___LFGE 323629	29.59 0.58 0.00	28.25 0.64 0.00	26.36 0.67 0.00	25.49 0.33 0.00	24.88 0.39 0.00	25.65 0.53 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.05 -0.32 0.00	22.31 -0.46 0.00	24.38 -0.17 0.00	26.04 -0.10 0.00	27.79 0.17 0.00	29.91 0.15 0.00	29.15 0.00 0.00	31.28 -0.41 0.00	38.46 -0.98 0.00	46.64 -1.44 0.00	53.74 -1.10 0.00	52.35 -1.51 0.00	43.90 -0.85 0.00	38.90 -1.16 0.00	34.90 -0.14 0.00	31.29 0.73 0.00
CHERRYST_13_KV_LD 356241	30.69 1.68 0.00	29.08 1.46 0.00	27.01 1.31 0.00	26.52 1.36 0.00	25.82 1.32 0.00	26.41 1.28 0.00	28.50 1.38 0.00	27.33 1.42 0.00	25.83 1.46 0.00	24.36 1.59 0.00	26.30 1.74 0.00	28.00 1.86 0.00	29.69 2.07 0.00	32.17 2.41 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.06 3.47 -0.15	51.92 3.85 0.00	58.95 4.11 0.00	57.85 3.99 0.00	48.16 3.40 0.00	43.26 3.20 0.00	37.71 2.66 0.00	32.64 2.08 0.00

CHESTROR_138KV_BK263 355645	30.08 1.07 0.00	28.55 0.94 0.00	26.55 0.85 0.00	26.01 0.86 0.00	25.33 0.83 0.00	25.93 0.80 0.00	27.96 0.84 0.00	26.76 0.85 0.00	25.20 0.83 0.00	23.66 0.89 0.00	25.56 1.01 0.00	27.19 1.05 0.00	28.84 1.22 0.00	31.19 1.43 0.00	30.55 1.40 0.00	33.28 1.58 0.00	41.66 2.09 -0.13	50.48 2.40 0.00	57.41 2.58 0.00	56.39 2.53 0.00	46.90 2.15 0.00	42.10 2.04 0.00	36.73 1.68 0.00	31.84 1.28 0.00
CH_MIDHUDSON___DRP 24192	30.31 1.31 0.00	28.80 1.19 0.00	26.78 1.08 0.00	26.27 1.11 0.00	25.55 1.05 0.00	26.13 1.00 0.00	28.21 1.08 0.00	26.96 1.06 0.00	25.42 1.05 0.00	23.86 1.09 0.00	25.76 1.20 0.00	27.40 1.25 0.00	29.06 1.44 0.00	31.42 1.67 0.00	30.76 1.60 0.00	33.53 1.84 0.00	41.98 2.45 -0.10	50.96 2.88 0.00	57.91 3.07 0.00	56.88 3.02 0.00	47.35 2.60 0.00	42.50 2.44 0.00	37.04 2.00 0.00	32.09 1.53 0.00
CH_MISC_IPPS 23765	30.46 1.45 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.64 1.15 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.04 1.14 0.00	25.47 1.10 0.00	23.90 1.14 0.00	25.81 1.25 0.00	27.45 1.31 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.87 1.72 0.00	33.69 2.00 0.00	42.24 2.68 -0.11	51.25 3.17 0.00	58.29 3.46 0.00	57.26 3.40 0.00	47.66 2.91 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.27 1.71 0.00
CH_RES_BVR_FALLS 23983	28.31 -0.12 0.58	26.58 -0.08 0.95	24.56 -0.08 1.06	24.04 -0.05 1.07	23.35 -0.05 1.09	24.03 -0.03 1.07	25.50 -0.03 1.59	24.91 -0.03 0.97	23.77 0.00 0.60	22.18 0.02 0.61	24.01 0.00 0.54	25.10 0.00 1.04	26.68 0.00 0.94	29.18 0.00 0.57	28.54 -0.03 0.58	30.81 0.00 0.88	38.66 0.00 0.78	47.81 0.00 0.27	54.52 0.00 0.31	53.48 -0.05 0.32	44.17 -0.09 0.50	39.61 -0.12 0.33	34.61 -0.10 0.33	30.06 -0.09 0.41
CH_RES_NIAGARA 23895	28.48 -0.52 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.56 -0.60 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.58 -0.54 0.00	25.59 -0.31 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.88 0.00	28.78 -0.98 0.00	28.02 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.42 -3.65 0.00	51.00 -3.84 0.00	49.61 -4.25 0.00	41.94 -2.82 0.00	37.09 -2.96 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
CH_RES_SYRACUSE 23985	29.74 0.00 -0.74	28.82 0.00 -1.21	27.04 0.00 -1.34	26.50 -0.03 -1.37	25.86 -0.02 -1.39	26.49 0.00 -1.36	29.12 0.00 -2.03	27.09 -0.05 -1.23	24.94 -0.20 -0.76	23.30 -0.25 -0.78	25.00 -0.25 -0.69	27.24 -0.24 -1.33	28.60 -0.22 -1.20	30.19 -0.26 -0.73	29.63 -0.35 -0.74	32.47 -0.35 -1.13	39.88 -0.55 -0.99	47.94 -0.48 -0.34	54.74 -0.49 -0.40	53.84 -0.43 -0.41	45.17 -0.22 -0.64	40.20 -0.28 -0.42	35.28 -0.17 -0.42	31.05 -0.03 -0.52
CLINTON_WT_PWR 323605	31.00 0.15 -1.85	30.85 0.22 -3.01	29.29 0.23 -3.36	28.79 0.23 -3.41	28.23 0.27 -3.47	28.86 0.33 -3.41	32.59 0.41 -5.06	29.45 0.47 -3.08	26.94 0.66 -1.91	25.41 0.68 -1.96	27.01 0.74 -1.72	30.22 0.76 -3.32	31.40 0.77 -3.00	32.33 0.74 -1.82	31.70 0.70 -1.85	35.33 0.82 -2.81	42.99 1.07 -2.48	50.18 1.25 -0.85	57.25 1.42 -0.99	56.29 1.40 -1.03	47.24 0.89 -1.59	41.90 0.80 -1.04	36.78 0.70 -1.04	32.45 0.58 -1.31
CLINTON___LFGE 323618	32.45 0.64 -2.81	32.89 0.69 -4.58	31.47 0.67 -5.11	31.00 0.65 -5.18	30.50 0.73 -5.27	31.09 0.78 -5.18	35.74 0.92 -7.70	31.60 1.01 -4.69	28.49 1.22 -2.90	26.95 1.21 -2.97	28.47 1.30 -2.62	32.55 1.36 -5.05	33.57 1.38 -4.56	33.96 1.43 -2.77	33.31 1.34 -2.82	37.53 1.55 -4.28	45.23 2.01 -3.78	51.77 2.40 -1.29	59.08 2.74 -1.50	58.01 2.59 -1.57	49.05 1.88 -2.41	43.24 1.60 -1.58	38.03 1.40 -1.58	33.74 1.19 -1.99
COBBLENY_34_KV_TB1 80064	29.24 0.23 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.18 0.03 0.00	24.62 0.12 0.00	25.38 0.25 0.00	27.28 0.16 0.00	26.01 0.10 0.00	23.79 -0.58 0.00	22.06 -0.71 0.00	24.11 -0.44 0.00	25.70 -0.44 0.00	27.43 -0.19 0.00	29.52 -0.24 0.00	28.77 -0.38 0.00	30.84 -0.86 0.00	37.94 -1.50 0.00	46.01 -2.07 0.00	52.97 -1.86 0.00	51.54 -2.32 0.00	43.37 -1.39 0.00	38.38 -1.68 0.00	34.52 -0.53 0.00	31.02 0.46 0.00
COFFEEN___115KV_TB3 355620	37.47 0.78 -7.68	40.34 0.19 -12.54	39.87 0.21 -13.97	39.56 0.23 -14.18	39.01 0.10 -14.42	39.60 0.30 -14.17	48.44 0.27 -21.05	38.83 0.10 -12.82	32.20 -0.10 -7.93	30.70 -0.20 -8.14	31.52 -0.20 -7.17	39.82 -0.13 -13.81	40.02 -0.08 -12.48	37.08 -0.27 -7.59	36.53 -0.32 -7.70	43.30 -0.10 -11.70	49.85 0.08 -10.33	52.48 0.87 -3.53	60.32 1.37 -4.11	59.76 1.62 -4.29	52.61 1.25 -6.60	45.37 1.00 -4.31	39.89 0.53 -4.32	36.47 0.46 -5.45
COLDSPRG_115KV_BK1 355956	29.64 0.64 0.00	28.36 0.75 0.00	26.44 0.75 0.00	25.51 0.35 0.00	24.98 0.49 0.00	25.75 0.63 0.00	27.64 0.52 0.00	26.45 0.54 0.00	24.13 -0.24 0.00	22.36 -0.41 0.00	24.48 -0.07 0.00	26.17 0.03 0.00	27.93 0.30 0.00	30.06 0.30 0.00	29.33 0.17 0.00	31.51 -0.19 0.00	38.77 -0.67 0.00	47.02 -1.06 0.00	54.29 -0.55 0.00	52.89 -0.97 0.00	44.22 -0.54 0.00	39.14 -0.92 0.00	35.15 0.11 0.00	31.45 0.89 0.00
COLONIE_LFGE___ 323577	30.08 1.07 0.00	28.63 1.02 0.00	26.62 0.92 0.00	26.09 0.93 0.00	25.40 0.91 0.00	26.03 0.90 0.00	28.15 1.03 0.00	26.86 0.96 0.00	25.25 0.88 0.00	23.54 0.77 0.00	25.24 0.69 0.00	26.82 0.68 0.00	28.31 0.69 0.00	30.62 0.86 0.00	30.03 0.87 0.00	32.71 1.01 0.00	40.59 1.34 0.19	49.76 1.68 0.00	56.87 2.03 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.70 1.64 0.00	36.41 1.37 0.00	31.69 1.13 0.00
COOPERNY_115KV_TB1 80082	29.79 0.78 0.00	28.30 0.69 0.00	26.31 0.62 0.00	25.79 0.63 0.00	25.08 0.59 0.00	25.70 0.58 0.00	27.74 0.62 0.00	26.52 0.62 0.00	24.96 0.58 0.00	23.38 0.61 0.00	25.27 0.71 0.00	26.90 0.76 0.00	28.51 0.88 0.00	30.80 1.04 0.00	30.14 0.99 0.00	32.81 1.11 0.00	40.98 1.46 -0.08	49.76 1.68 0.00	56.65 1.81 0.00	55.64 1.78 0.00	46.28 1.52 0.00	41.54 1.48 0.00	36.24 1.19 0.00	31.51 0.95 0.00
COPENHAGEN_WT_PWR 323753	36.83 0.58 -7.24	39.55 0.11 -11.83	38.98 0.10 -13.18	38.69 0.15 -13.38	38.12 0.02 -13.61	38.68 0.18 -13.37	47.15 0.16 -19.86	38.03 0.03 -12.10	31.71 -0.15 -7.48	30.24 -0.21 -7.68	31.10 -0.22 -6.76	39.02 -0.16 -13.03	39.29 -0.11 -11.78	36.62 -0.30 -7.16	36.07 -0.35 -7.27	42.58 -0.16 -11.04	49.11 -0.08 -9.75	51.94 0.53 -3.34	59.65 0.93 -3.88	58.98 1.08 -4.05	51.84 0.85 -6.23	44.81 0.68 -4.07	39.43 0.31 -4.07	36.01 0.31 -5.14
CORNELL_____ 23752	29.70 0.70 0.00	28.22 0.61 0.00	26.26 0.57 0.00	25.69 0.53 0.00	25.01 0.51 0.00	25.68 0.55 0.00	27.69 0.57 0.00	26.39 0.49 0.00	24.59 0.22 0.00	22.81 0.05 0.00	24.63 0.07 0.00	26.28 0.13 0.00	27.87 0.25 0.00	30.00 0.24 0.00	29.41 0.26 0.00	31.95 0.25 0.00	39.72 0.28 0.00	48.70 0.63 0.00	55.82 0.99 0.00	54.88 1.02 0.00	45.79 1.03 0.00	40.82 0.76 0.00	35.78 0.74 0.00	31.35 0.79 0.00

CORONA V_69_KV_TB1 355595	30.95 1.94 0.00	29.13 1.52 0.00	27.03 1.34 0.00	26.57 1.41 0.00	25.91 1.42 0.00	26.38 1.26 0.00	28.45 1.33 0.00	27.35 1.45 0.00	25.91 1.54 0.00	24.59 1.82 0.00	26.54 1.96 -0.02	28.23 2.07 -0.02	31.27 2.21 -1.44	36.32 2.53 -4.04	39.19 2.45 -7.59	49.31 2.63 -14.98	45.29 3.39 -2.45	52.13 4.04 -0.02	59.28 4.44 0.00	58.17 4.31 0.00	48.31 3.54 -0.02	43.40 3.32 -0.02	38.04 2.98 -0.02	32.79 2.23 0.00
CORTLAND_115KV_TB3 80093	29.41 0.41 0.00	27.97 0.36 0.00	26.03 0.33 0.00	25.46 0.30 0.00	24.79 0.29 0.00	25.45 0.33 0.00	27.45 0.33 0.00	26.19 0.28 0.00	24.42 0.05 0.00	22.70 -0.07 0.00	24.53 -0.02 0.00	26.14 0.00 0.00	27.71 0.08 0.00	29.85 0.09 0.00	29.24 0.09 0.00	31.76 0.06 0.00	39.44 0.00 0.00	48.22 0.14 0.00	55.22 0.38 0.00	54.24 0.38 0.00	45.25 0.49 0.00	40.38 0.32 0.00	35.39 0.35 0.00	31.02 0.46 0.00
COXSACKIE__GT 23611	30.46 1.45 0.00	29.05 1.43 0.00	27.03 1.34 0.00	26.52 1.36 0.00	25.74 1.25 0.00	26.28 1.16 0.00	28.37 1.25 0.00	26.94 1.04 0.00	25.13 0.76 0.00	23.29 0.52 0.00	24.92 0.37 0.00	26.51 0.37 0.00	28.06 0.44 0.00	30.38 0.63 0.00	29.82 0.67 0.00	32.74 1.04 0.00	41.40 2.01 0.05	50.82 2.74 0.00	58.24 3.40 0.00	57.26 3.40 0.00	47.76 3.00 0.00	42.58 2.53 0.00	37.11 2.07 0.00	32.21 1.65 0.00
CPV_VALLEY__CC1 323721	29.85 0.84 0.00	28.36 0.75 0.00	26.36 0.67 0.00	25.84 0.68 0.00	25.15 0.66 0.00	25.75 0.63 0.00	27.80 0.68 0.00	26.60 0.70 0.00	25.05 0.68 0.00	23.52 0.75 0.00	25.39 0.84 0.00	27.03 0.89 0.00	28.67 1.05 0.00	30.98 1.22 0.00	30.35 1.20 0.00	33.03 1.33 0.00	41.33 1.78 -0.11	50.05 1.97 0.00	56.92 2.08 0.00	55.91 2.05 0.00	46.50 1.74 0.00	41.74 1.68 0.00	36.41 1.37 0.00	31.60 1.04 0.00
CPV_VALLEY__CC2 323722	29.85 0.84 0.00	28.36 0.75 0.00	26.36 0.67 0.00	25.84 0.68 0.00	25.15 0.66 0.00	25.75 0.63 0.00	27.80 0.68 0.00	26.60 0.70 0.00	25.05 0.68 0.00	23.52 0.75 0.00	25.39 0.84 0.00	27.03 0.89 0.00	28.67 1.05 0.00	30.98 1.22 0.00	30.35 1.20 0.00	33.03 1.33 0.00	41.33 1.78 -0.11	50.05 1.97 0.00	56.92 2.08 0.00	55.91 2.05 0.00	46.50 1.74 0.00	41.74 1.68 0.00	36.41 1.37 0.00	31.60 1.04 0.00
CRESCENT__HYD 24018	30.08 1.07 0.00	28.63 1.02 0.00	26.62 0.92 0.00	26.09 0.93 0.00	25.40 0.91 0.00	26.03 0.90 0.00	28.15 1.03 0.00	26.86 0.96 0.00	25.25 0.88 0.00	23.54 0.77 0.00	25.24 0.69 0.00	26.82 0.68 0.00	28.31 0.69 0.00	30.62 0.86 0.00	30.03 0.87 0.00	32.71 1.01 0.00	40.59 1.34 0.19	49.76 1.68 0.00	56.87 2.03 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.70 1.64 0.00	36.41 1.37 0.00	31.69 1.13 0.00
CRICKET__VALLEY_CC1 323756	29.93 0.93 0.00	28.47 0.86 0.00	26.49 0.80 0.00	25.96 0.80 0.00	25.28 0.78 0.00	25.90 0.78 0.00	27.96 0.84 0.00	26.73 0.83 0.00	25.20 0.83 0.00	23.65 0.89 0.00	25.54 0.98 0.00	27.11 0.97 0.00	28.67 1.05 0.00	31.01 1.25 0.00	30.35 1.20 0.00	33.06 1.36 0.00	39.02 1.82 2.24	50.10 2.02 0.00	56.92 2.08 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.78 1.72 0.00	36.45 1.40 0.00	31.63 1.07 0.00
CRICKET__VALLEY_CC2 323757	29.93 0.93 0.00	28.47 0.86 0.00	26.49 0.80 0.00	25.96 0.80 0.00	25.28 0.78 0.00	25.90 0.78 0.00	27.96 0.84 0.00	26.73 0.83 0.00	25.20 0.83 0.00	23.65 0.89 0.00	25.54 0.98 0.00	27.11 0.97 0.00	28.67 1.05 0.00	31.01 1.25 0.00	30.35 1.20 0.00	33.06 1.36 0.00	39.02 1.82 2.24	50.10 2.02 0.00	56.92 2.08 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.78 1.72 0.00	36.45 1.40 0.00	31.63 1.07 0.00
CRICKET__VALLEY_CC3 323758	29.93 0.93 0.00	28.47 0.86 0.00	26.49 0.80 0.00	25.96 0.80 0.00	25.28 0.78 0.00	25.90 0.78 0.00	27.96 0.84 0.00	26.73 0.83 0.00	25.20 0.83 0.00	23.65 0.89 0.00	25.54 0.98 0.00	27.11 0.97 0.00	28.67 1.05 0.00	31.01 1.25 0.00	30.35 1.20 0.00	33.06 1.36 0.00	39.02 1.82 2.24	50.10 2.02 0.00	56.92 2.08 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.78 1.72 0.00	36.45 1.40 0.00	31.63 1.07 0.00
CRUCIBLE_METL_DRP 24180	29.74 0.00 -0.74	28.82 0.00 -1.21	27.04 0.00 -1.34	26.50 -0.03 -1.37	25.86 -0.02 -1.39	26.49 0.00 -1.36	29.12 -0.03 -2.03	27.09 -0.05 -1.23	24.94 -0.19 -0.76	23.30 -0.25 -0.78	25.00 -0.25 -0.69	27.24 -0.24 -1.33	28.60 -0.22 -1.20	30.19 -0.30 -0.73	29.63 -0.26 -0.74	32.47 -0.35 -1.13	39.88 -0.55 -0.99	47.89 -0.53 -0.34	54.74 -0.49 -0.40	53.84 -0.43 -0.41	45.17 -0.22 -0.64	40.19 -0.28 -0.42	35.28 -0.18 -0.42	31.05 -0.03 -0.52
DAHOWA__HYDRO 323763	30.86 1.86 0.00	29.33 1.71 0.00	27.27 1.57 0.00	26.74 1.59 0.00	26.06 1.57 0.00	26.73 1.61 0.00	28.83 1.71 0.00	27.51 1.61 0.00	25.71 1.34 0.00	23.86 1.09 0.00	25.34 0.79 0.00	26.96 0.81 0.00	28.39 0.77 0.00	30.77 1.01 0.00	30.23 1.08 0.00	33.03 1.33 0.00	41.09 1.82 0.16	50.62 2.55 0.00	58.45 3.62 0.00	57.57 3.71 0.00	48.11 3.36 0.00	42.94 2.89 0.00	37.50 2.45 0.00	32.58 2.02 0.00
DANC__LFGE 323619	34.08 0.20 -4.87	35.51 -0.06 -7.95	34.51 -0.05 -8.86	34.10 -0.05 -8.99	33.54 -0.10 -9.14	34.11 0.00 -8.99	40.44 -0.03 -13.35	33.91 -0.13 -8.13	29.13 -0.27 -5.03	27.61 -0.32 -5.16	28.76 -0.34 -4.54	34.62 -0.29 -8.76	35.24 -0.30 -7.92	34.12 -0.45 -4.81	33.57 -0.47 -4.89	38.74 -0.38 -7.42	45.52 -0.47 -6.55	50.18 -0.14 -2.24	57.44 0.00 -2.61	56.74 0.16 -2.72	49.12 0.18 -4.19	42.87 0.08 -2.74	37.75 -0.04 -2.74	34.01 0.00 -3.45
DANSKAMMER__1 23586	30.46 1.45 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.64 1.15 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.04 1.14 0.00	25.47 1.10 0.00	23.90 1.14 0.00	25.81 1.25 0.00	27.45 1.31 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.87 1.72 0.00	33.69 2.00 0.00	42.24 2.68 -0.11	51.25 3.17 0.00	58.29 3.46 0.00	57.26 3.40 0.00	47.66 2.91 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.27 1.71 0.00
DANSKAMMER__2 23589	30.46 1.45 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.64 1.15 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.04 1.14 0.00	25.47 1.10 0.00	23.90 1.14 0.00	25.81 1.25 0.00	27.45 1.31 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.87 1.72 0.00	33.69 2.00 0.00	42.24 2.68 -0.11	51.25 3.17 0.00	58.29 3.46 0.00	57.26 3.40 0.00	47.66 2.91 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.27 1.71 0.00
DANSKAMMER__3 23590	30.46 1.45 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.64 1.15 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.04 1.14 0.00	25.47 1.10 0.00	23.90 1.14 0.00	25.81 1.25 0.00	27.45 1.31 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.87 1.72 0.00	33.69 2.00 0.00	42.24 2.68 -0.11	51.25 3.17 0.00	58.29 3.46 0.00	57.26 3.40 0.00	47.66 2.91 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.27 1.71 0.00

DANSKAMMER___4 23591	30.46 1.45 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.64 1.15 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.04 1.14 0.00	25.47 1.10 0.00	23.90 1.14 0.00	25.81 1.25 0.00	27.45 1.31 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.87 1.72 0.00	33.69 2.00 0.00	42.24 2.68 -0.11	51.25 3.17 0.00	58.29 3.46 0.00	57.26 3.40 0.00	47.66 2.91 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.27 1.71 0.00
DANSKAMMER___DIESEL 23592	30.46 1.45 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.64 1.15 0.00	26.23 1.11 0.00	28.31 1.19 0.00	27.04 1.14 0.00	25.47 1.10 0.00	23.91 1.14 0.00	25.81 1.25 0.00	27.45 1.31 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.87 1.72 0.00	33.69 2.00 0.00	42.24 2.68 -0.11	51.25 3.17 0.00	58.29 3.45 0.00	57.25 3.39 0.00	47.67 2.91 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.27 1.71 0.00
DARBY___SOLAR 323810	30.69 1.68 0.00	29.19 1.57 0.00	27.14 1.44 0.00	26.62 1.46 0.00	25.91 1.42 0.00	26.58 1.46 0.00	28.69 1.57 0.00	27.38 1.48 0.00	25.61 1.24 0.00	23.77 1.00 0.00	25.29 0.74 0.00	26.88 0.73 0.00	28.31 0.69 0.00	30.68 0.92 0.00	30.11 0.96 0.00	32.93 1.23 0.00	40.97 1.69 0.17	50.43 2.36 0.00	58.13 3.29 0.00	57.26 3.40 0.00	47.80 3.04 0.00	42.66 2.60 0.00	37.29 2.24 0.00	32.39 1.83 0.00
DASHVILLE___HYD 23610	30.25 1.25 0.00	28.74 1.13 0.00	26.73 1.03 0.00	26.19 1.03 0.00	25.47 0.98 0.00	26.03 0.90 0.00	28.10 0.98 0.00	26.84 0.93 0.00	25.25 0.88 0.00	23.70 0.93 0.00	25.59 1.03 0.00	27.22 1.07 0.00	28.89 1.27 0.00	31.28 1.52 0.00	30.58 1.43 0.00	33.38 1.68 0.00	42.15 2.64 -0.07	50.87 2.79 0.00	57.80 2.96 0.00	56.82 2.96 0.00	47.31 2.55 0.00	42.42 2.36 0.00	36.97 1.93 0.00	32.03 1.47 0.00
DELAWARE___LFGE 323621	29.76 0.75 0.00	28.25 0.64 0.00	26.29 0.59 0.00	25.74 0.58 0.00	25.03 0.54 0.00	25.73 0.60 0.00	27.74 0.62 0.00	26.47 0.57 0.00	24.79 0.41 0.00	23.11 0.34 0.00	24.97 0.42 0.00	26.62 0.47 0.00	28.20 0.58 0.00	30.38 0.62 0.00	29.74 0.58 0.00	32.36 0.67 0.00	40.35 0.91 0.00	49.23 1.15 0.00	56.21 1.37 0.00	55.26 1.40 0.00	46.05 1.30 0.00	41.26 1.20 0.00	36.02 0.98 0.00	31.42 0.86 0.00
DERFIELD_115KV_TB7 355931	29.88 0.17 -0.70	28.90 0.14 -1.15	27.11 0.13 -1.28	26.59 0.13 -1.30	25.94 0.12 -1.32	26.55 0.13 -1.30	29.19 0.14 -1.93	27.21 0.13 -1.18	25.20 0.10 -0.73	23.61 0.09 -0.75	25.29 0.07 -0.66	27.52 0.10 -1.27	28.88 0.11 -1.15	30.57 0.12 -0.70	29.95 0.09 -0.71	32.90 0.13 -1.07	40.59 0.20 -0.95	48.64 0.24 -0.32	55.49 0.27 -0.38	54.52 0.27 -0.39	45.68 0.31 -0.61	40.73 0.28 -0.40	35.65 0.21 -0.40	31.21 0.15 -0.50
DOGLEVILLE___HYD 23807	30.78 1.07 -0.70	29.73 0.97 -1.15	27.88 0.90 -1.28	27.34 0.88 -1.30	26.65 0.83 -1.32	27.33 0.90 -1.30	30.00 0.95 -1.93	27.96 0.88 -1.18	25.86 0.76 -0.73	24.20 0.68 -0.75	25.97 0.76 -0.66	28.25 0.84 -1.27	29.65 0.88 -1.15	31.38 0.92 -0.70	30.70 0.85 -0.71	33.75 0.98 -1.07	41.65 1.26 -0.95	50.04 1.63 -0.32	57.08 1.86 -0.38	56.14 1.89 -0.39	46.97 1.61 -0.61	41.90 1.44 -0.40	36.67 1.23 -0.40	32.13 1.07 -0.50
DUNKIRK___115KV_TB_200 55889	29.50 0.49 0.00	28.22 0.61 0.00	26.34 0.64 0.00	25.41 0.25 0.00	24.84 0.34 0.00	25.63 0.50 0.00	27.53 0.41 0.00	26.29 0.39 0.00	24.03 -0.34 0.00	22.27 -0.50 0.00	24.36 -0.20 0.00	25.99 -0.16 0.00	27.73 0.11 0.00	29.85 0.09 0.00	29.09 -0.06 0.00	31.22 -0.48 0.00	38.42 -1.03 0.00	46.54 -1.54 0.00	53.63 -1.21 0.00	52.24 -1.62 0.00	43.82 -0.94 0.00	38.78 -1.28 0.00	34.87 -0.18 0.00	31.23 0.67 0.00
DUNKIRK___1 23563	29.50 0.49 0.00	28.22 0.61 0.00	26.34 0.64 0.00	25.41 0.25 0.00	24.84 0.34 0.00	25.63 0.50 0.00	27.53 0.41 0.00	26.29 0.39 0.00	24.03 -0.34 0.00	22.27 -0.50 0.00	24.36 -0.20 0.00	25.99 -0.16 0.00	27.73 0.11 0.00	29.85 0.09 0.00	29.09 -0.06 0.00	31.22 -0.48 0.00	38.42 -1.03 0.00	46.54 -1.54 0.00	53.63 -1.21 0.00	52.24 -1.62 0.00	43.82 -0.94 0.00	38.78 -1.28 0.00	34.87 -0.18 0.00	31.23 0.67 0.00
DUNKIRK___2 23564	29.50 0.49 0.00	28.22 0.61 0.00	26.34 0.64 0.00	25.41 0.25 0.00	24.84 0.34 0.00	25.63 0.50 0.00	27.53 0.41 0.00	26.29 0.39 0.00	24.03 -0.34 0.00	22.27 -0.50 0.00	24.36 -0.20 0.00	25.99 -0.16 0.00	27.73 0.11 0.00	29.85 0.09 0.00	29.09 -0.06 0.00	31.22 -0.48 0.00	38.42 -1.03 0.00	46.54 -1.54 0.00	53.63 -1.21 0.00	52.24 -1.62 0.00	43.82 -0.94 0.00	38.78 -1.28 0.00	34.87 -0.18 0.00	31.23 0.67 0.00
DUNKIRK___3 23565	29.35 0.35 0.00	28.05 0.44 0.00	26.19 0.49 0.00	25.28 0.13 0.00	24.71 0.22 0.00	25.48 0.35 0.00	27.37 0.24 0.00	26.14 0.23 0.00	23.88 -0.49 0.00	22.13 -0.64 0.00	24.19 -0.37 0.00	25.83 -0.31 0.00	27.54 -0.08 0.00	29.64 -0.12 0.00	28.92 -0.23 0.00	31.00 -0.70 0.00	38.14 -1.30 0.00	46.25 -1.83 0.00	53.25 -1.59 0.00	51.87 -1.99 0.00	43.55 -1.21 0.00	38.54 -1.52 0.00	34.62 -0.42 0.00	31.08 0.52 0.00
DUNKIRK___4 23566	29.35 0.35 0.00	28.05 0.44 0.00	26.19 0.49 0.00	25.28 0.13 0.00	24.71 0.22 0.00	25.48 0.35 0.00	27.37 0.24 0.00	26.14 0.23 0.00	23.88 -0.49 0.00	22.13 -0.64 0.00	24.19 -0.37 0.00	25.83 -0.31 0.00	27.54 -0.08 0.00	29.64 -0.12 0.00	28.92 -0.23 0.00	31.00 -0.70 0.00	38.14 -1.30 0.00	46.25 -1.83 0.00	53.25 -1.59 0.00	51.87 -1.99 0.00	43.55 -1.21 0.00	38.54 -1.52 0.00	34.62 -0.42 0.00	31.08 0.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.46 1.45 0.00	28.88 1.27 0.00	26.83 1.13 0.00	26.32 1.16 0.00	25.62 1.13 0.00	26.23 1.11 0.00	28.29 1.17 0.00	27.12 1.22 0.00	25.62 1.24 0.00	24.11 1.34 0.00	26.05 1.50 0.00	27.71 1.57 0.00	29.39 1.77 0.00	31.84 2.08 0.00	31.16 2.01 0.00	33.98 2.28 0.00	42.55 2.96 -0.15	51.35 3.27 0.00	58.35 3.51 0.00	57.31 3.45 0.00	47.67 2.91 0.00	42.82 2.76 0.00	37.32 2.28 0.00	32.30 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.22 1.22 0.00	28.69 1.08 0.00	26.67 0.98 0.00	26.14 0.98 0.00	25.45 0.96 0.00	26.03 0.90 0.00	28.10 0.98 0.00	26.86 0.96 0.00	25.30 0.93 0.00	23.75 0.98 0.00	25.66 1.10 0.00	27.30 1.15 0.00	28.98 1.35 0.00	31.34 1.58 0.00	30.67 1.52 0.00	33.44 1.74 0.00	41.89 2.33 -0.12	50.77 2.69 0.00	57.74 2.91 0.00	56.71 2.85 0.00	47.22 2.46 0.00	42.34 2.28 0.00	36.94 1.89 0.00	32.03 1.47 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.78 1.77 -0.01	29.16 1.55 0.00	27.08 1.39 0.00	26.55 1.38 -0.01	25.87 1.37 -0.01	26.31 1.18 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.62 1.24 0.00	24.27 1.50 0.00	26.15 1.60 0.00	27.77 1.62 0.00	29.45 1.82 0.00	31.90 2.14 0.00	31.28 2.13 0.00	34.10 2.41 0.00	42.86 3.27 -0.15	51.54 3.46 0.00	58.51 3.67 0.00	57.47 3.61 0.00	47.80 3.04 0.00	43.10 3.04 0.00	37.67 2.63 0.00	32.65 2.08 -0.01

E179THST_13_KV_LOAD 356214	30.90 1.89 -0.01	29.30 1.68 0.00	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.43 1.31 0.00	28.40 1.27 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.36 1.59 0.00	26.27 1.72 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.05 2.29 0.00	31.43 2.27 0.00	34.26 2.57 0.00	43.10 3.51 -0.15	51.83 3.75 0.00	58.84 4.00 0.00	57.79 3.93 0.00	48.07 3.31 0.00	43.30 3.24 0.00	37.85 2.80 0.00	32.80 2.23 -0.01
EAST HAMPTON___GT 23717	31.35 2.35 0.00	29.38 1.77 0.00	27.19 1.49 0.00	26.82 1.66 0.00	26.23 1.74 0.00	26.56 1.43 0.00	28.50 1.38 0.00	27.51 1.61 0.00	26.20 1.83 0.00	25.09 2.32 0.00	27.14 2.58 -0.01	28.79 2.64 -0.01	31.38 2.96 -0.80	33.91 3.30 -0.85	35.93 3.18 -3.60	43.67 3.61 -8.36	45.61 4.73 -1.44	53.61 5.53 -0.01	60.76 5.92 0.00	59.57 5.71 0.00	49.42 4.65 -0.01	44.59 4.53 -0.01	38.73 3.68 -0.01	33.16 2.60 0.00
EAST RIVER___6 23660	30.63 1.62 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.77 1.27 0.00	26.36 1.23 0.00	28.45 1.33 0.00	27.27 1.37 0.00	25.79 1.41 0.00	24.34 1.57 0.00	26.25 1.69 0.00	27.95 1.80 0.00	29.64 2.02 0.00	32.14 2.38 0.00	31.49 2.33 0.00	34.30 2.60 0.00	43.02 3.43 -0.15	51.88 3.80 0.00	58.84 4.00 0.00	57.74 3.88 0.00	48.11 3.36 0.00	43.18 3.13 0.00	37.67 2.63 0.00	32.58 2.02 0.00
EAST RIVER___7 23524	30.63 1.62 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.77 1.27 0.00	26.36 1.23 0.00	28.45 1.33 0.00	27.27 1.37 0.00	25.79 1.41 0.00	24.34 1.57 0.00	26.25 1.69 0.00	27.95 1.80 0.00	29.64 2.02 0.00	32.14 2.38 0.00	31.49 2.33 0.00	34.30 2.60 0.00	43.02 3.43 -0.15	51.88 3.80 0.00	58.84 4.00 0.00	57.74 3.88 0.00	48.11 3.36 0.00	43.18 3.13 0.00	37.67 2.63 0.00	32.58 2.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.40 1.39 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.54 1.17 0.00	24.04 1.27 0.00	25.98 1.42 0.00	27.64 1.49 0.00	29.33 1.71 0.00	31.72 1.96 0.00	31.08 1.92 0.00	33.88 2.19 0.00	42.43 2.84 -0.15	51.25 3.17 0.00	58.18 3.34 0.00	57.15 3.29 0.00	47.58 2.82 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.24 1.68 0.00
EAST_HAMPTON___DIESEL 23722	31.35 2.35 0.00	29.38 1.77 0.00	27.19 1.49 0.00	26.82 1.66 0.00	26.21 1.71 0.00	26.56 1.43 0.00	28.50 1.38 0.00	27.51 1.61 0.00	26.20 1.83 0.00	25.09 2.32 0.00	27.12 2.55 -0.01	28.79 2.64 -0.01	31.38 2.96 -0.80	33.91 3.30 -0.85	35.90 3.15 -3.60	43.67 3.61 -8.36	45.57 4.69 -1.44	53.61 5.53 -0.01	60.71 5.87 0.00	59.51 5.65 0.00	49.38 4.61 -0.01	44.59 4.53 -0.01	38.70 3.64 -0.01	33.16 2.60 0.00
EAST_POINT___SOLAR 323840	30.54 1.54 0.00	28.99 1.38 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.77 1.27 0.00	26.46 1.33 0.00	28.53 1.41 0.00	26.73 0.83 0.00	24.20 -0.17 0.00	22.06 -0.71 0.00	23.47 -1.08 0.00	25.18 -0.97 0.00	26.65 -0.97 0.00	28.89 -0.86 0.00	28.37 -0.79 0.00	31.00 -0.70 0.00	38.92 -0.43 0.09	48.84 0.77 0.00	57.69 2.85 0.00	57.57 3.71 0.00	47.93 3.18 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.33 1.77 0.00
EAST_PULASKI___ESR 323781	31.46 -0.09 -2.54	31.57 -0.19 -4.14	30.14 -0.18 -4.62	29.67 -0.17 -4.69	29.04 -0.22 -4.77	29.64 -0.17 -4.69	33.89 -0.19 -6.96	29.91 -0.23 -4.24	26.63 -0.36 -2.62	25.07 -0.39 -2.69	26.51 -0.42 -2.37	30.29 -0.42 -4.57	31.31 -0.44 -4.13	31.70 -0.57 -2.51	31.18 -0.52 -2.55	35.00 -0.57 -3.87	42.11 -0.75 -3.42	48.53 -0.72 -1.17	55.48 -0.71 -1.36	54.63 -0.64 -1.42	46.54 -0.40 -2.18	41.08 -0.40 -1.43	36.12 -0.35 -1.43	32.12 -0.25 -1.80
EAST_RIVER___1 323558	30.60 1.59 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.42 1.26 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.42 1.30 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.29 1.53 0.00	26.23 1.67 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.05 2.29 0.00	31.43 2.28 0.00	34.23 2.54 0.00	42.90 3.31 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.10 3.04 0.00	37.60 2.56 0.00	32.52 1.96 0.00
EAST_RIVER___2 323559	30.63 1.62 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.77 1.27 0.00	26.36 1.23 0.00	28.45 1.33 0.00	27.27 1.37 0.00	25.79 1.41 0.00	24.34 1.57 0.00	26.25 1.69 0.00	27.95 1.80 0.00	29.64 2.02 0.00	32.14 2.38 0.00	31.49 2.33 0.00	34.30 2.60 0.00	43.02 3.43 -0.15	51.88 3.80 0.00	58.84 4.00 0.00	57.74 3.88 0.00	48.11 3.36 0.00	43.18 3.13 0.00	37.67 2.63 0.00	32.58 2.02 0.00
EAST___DELAWARE_HYD 23607	30.60 1.59 0.00	29.05 1.43 0.00	27.01 1.31 0.00	26.47 1.31 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.40 1.27 0.00	27.09 1.19 0.00	25.44 1.07 0.00	23.84 1.07 0.00	25.73 1.18 0.00	27.40 1.25 0.00	29.09 1.46 0.00	31.48 1.73 0.00	30.81 1.66 0.00	33.66 1.97 0.00	42.24 2.72 -0.08	51.49 3.41 0.00	58.62 3.78 0.00	57.63 3.77 0.00	47.98 3.22 0.00	42.94 2.89 0.00	37.43 2.38 0.00	32.42 1.86 0.00
EIGHT_POINT___WT_PWR 323820	29.87 0.87 0.00	28.41 0.80 0.00	26.49 0.80 0.00	25.74 0.58 0.00	25.11 0.61 0.00	25.85 0.73 0.00	27.85 0.73 0.00	26.50 0.60 0.00	24.28 -0.10 0.00	22.40 -0.37 0.00	24.33 -0.22 0.00	25.96 -0.18 0.00	27.68 0.06 0.00	29.79 0.03 0.00	29.15 0.00 0.00	31.41 -0.29 0.00	38.77 -0.67 0.00	47.45 -0.63 0.00	54.84 0.00 0.00	53.81 -0.05 0.00	45.07 0.32 0.00	40.02 -0.04 0.00	35.53 0.49 0.00	31.63 1.07 0.00
ELBRIDGE_115KV_TB2 80188	29.58 -0.09 -0.66	28.60 -0.08 -1.07	26.82 -0.08 -1.20	26.27 -0.10 -1.22	25.63 -0.10 -1.24	26.26 -0.08 -1.22	28.82 -0.11 -1.80	26.87 -0.13 -1.10	24.78 -0.27 -0.68	23.15 -0.32 -0.70	24.85 -0.32 -0.61	27.02 -0.31 -1.18	28.36 -0.33 -1.07	30.02 -0.39 -0.65	29.46 -0.35 -0.66	32.26 -0.44 -1.00	39.66 -0.67 -0.89	47.71 -0.67 -0.30	54.53 -0.66 -0.35	53.58 -0.65 -0.37	44.92 -0.40 -0.57	39.99 -0.44 -0.37	35.13 -0.28 -0.37	30.91 -0.12 -0.47
ELEC_TRO_TEK 24086	30.72 1.71 0.00	28.94 1.33 0.00	26.85 1.16 0.00	26.39 1.23 0.00	25.74 1.25 0.00	26.23 1.11 0.00	28.26 1.14 0.00	27.17 1.27 0.00	25.74 1.36 0.00	24.43 1.66 0.00	26.36 1.79 -0.02	28.05 1.88 -0.02	31.06 2.02 -1.42	34.73 2.29 -2.68	38.23 2.19 -6.89	48.85 2.38 -14.78	44.94 3.08 -2.42	51.70 3.61 -0.02	58.73 3.89 0.00	57.63 3.77 0.00	47.91 3.13 -0.02	43.04 2.96 -0.02	37.72 2.66 -0.02	32.52 1.96 0.00
ELLENBURG_WT_PWR 323604	31.00 0.15 -1.85	30.85 0.22 -3.01	29.29 0.23 -3.36	28.79 0.23 -3.41	28.23 0.27 -3.47	28.86 0.33 -3.41	32.59 0.41 -5.06	29.45 0.47 -3.08	26.94 0.66 -1.91	25.41 0.68 -1.96	27.01 0.74 -1.72	30.22 0.76 -3.32	31.40 0.77 -3.00	32.33 0.74 -1.82	31.70 0.70 -1.85	35.33 0.82 -2.81	42.99 1.07 -2.48	50.18 1.25 -0.85	57.25 1.42 -0.99	56.29 1.40 -1.03	47.24 0.89 -1.59	41.90 0.80 -1.04	36.78 0.70 -1.04	32.45 0.58 -1.31

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.18 0.17 0.00	27.89 0.28 0.00	26.03 0.33 0.00	25.13 -0.03 0.00	24.57 0.07 0.00	25.33 0.20 0.00	27.20 0.08 0.00	25.93 0.03 0.00	23.74 -0.63 0.00	22.02 -0.75 0.00	24.04 -0.52 0.00	25.62 -0.52 0.00	27.32 -0.30 0.00	29.40 -0.36 0.00	28.66 -0.50 0.00	30.68 -1.01 0.00	37.71 -1.74 0.00	45.67 -2.40 0.00	52.59 -2.25 0.00	51.17 -2.69 0.00	43.10 -1.66 0.00	38.14 -1.92 0.00	34.34 -0.70 0.00	30.87 0.31 0.00
EMPIRE_CC_1 323656	29.53 0.52 0.00	28.19 0.58 0.00	26.21 0.51 0.00	25.69 0.53 0.00	24.98 0.49 0.00	25.55 0.43 0.00	27.64 0.51 0.00	26.34 0.44 0.00	24.81 0.44 0.00	23.18 0.41 0.00	24.95 0.39 0.00	26.51 0.37 0.00	28.01 0.39 0.00	30.21 0.45 0.00	29.62 0.46 0.00	32.23 0.54 0.00	39.91 0.67 0.20	48.80 0.72 0.00	55.55 0.71 0.00	54.61 0.75 0.00	45.56 0.81 0.00	40.82 0.76 0.00	35.64 0.60 0.00	31.05 0.49 0.00
EMPIRE_CC_2 323658	29.53 0.52 0.00	28.19 0.58 0.00	26.21 0.51 0.00	25.69 0.53 0.00	24.98 0.49 0.00	25.55 0.43 0.00	27.64 0.51 0.00	26.34 0.44 0.00	24.81 0.44 0.00	23.18 0.41 0.00	24.95 0.39 0.00	26.51 0.37 0.00	28.01 0.39 0.00	30.21 0.45 0.00	29.62 0.46 0.00	32.23 0.54 0.00	39.91 0.67 0.20	48.80 0.72 0.00	55.55 0.71 0.00	54.61 0.75 0.00	45.56 0.81 0.00	40.82 0.76 0.00	35.64 0.60 0.00	31.05 0.49 0.00
ENORWICH_115KV_TB1 80156	31.09 2.09 0.00	29.32 1.71 0.00	27.32 1.62 0.00	26.77 1.61 0.00	25.94 1.45 0.00	26.81 1.68 0.00	28.88 1.76 0.00	27.41 1.50 0.00	25.37 1.00 0.00	23.38 0.61 0.00	25.24 0.69 0.00	27.03 0.89 0.00	28.70 1.08 0.00	30.83 1.07 0.00	30.08 0.93 0.00	32.96 1.27 0.00	41.18 1.74 0.00	51.11 3.03 0.00	58.89 4.06 0.00	58.11 4.25 0.00	48.43 3.67 0.00	43.18 3.12 0.00	37.53 2.49 0.00	32.85 2.29 0.00
ERIE_ST__34_KV_TB1-2 80199	29.15 0.15 0.00	27.86 0.25 0.00	26.01 0.31 0.00	25.11 -0.05 0.00	24.54 0.05 0.00	25.30 0.18 0.00	27.18 0.05 0.00	25.85 -0.05 0.00	23.64 -0.73 0.00	21.92 -0.84 0.00	23.97 -0.59 0.00	25.57 -0.58 0.00	27.29 -0.33 0.00	29.37 -0.39 0.00	28.66 -0.50 0.00	30.75 -0.95 0.00	37.78 -1.66 0.00	45.82 -2.26 0.00	52.81 -2.03 0.00	51.38 -2.48 0.00	43.19 -1.57 0.00	38.18 -1.88 0.00	34.34 -0.70 0.00	30.90 0.34 0.00
ERIE_WT_PWR 323693	29.30 0.29 0.00	28.00 0.39 0.00	26.13 0.44 0.00	25.26 0.10 0.00	24.67 0.17 0.00	25.40 0.28 0.00	27.34 0.22 0.00	26.03 0.13 0.00	23.79 -0.59 0.00	22.08 -0.68 0.00	24.11 -0.44 0.00	25.70 -0.44 0.00	27.43 -0.19 0.00	29.52 -0.24 0.00	28.77 -0.38 0.00	30.81 -0.89 0.00	37.86 -1.58 0.00	45.92 -2.16 0.00	52.86 -1.97 0.00	51.44 -2.42 0.00	43.32 -1.43 0.00	38.38 -1.68 0.00	34.48 -0.56 0.00	31.02 0.46 0.00
ESPRGFLD_115KV_TB1 80157	29.99 0.99 0.00	28.44 0.83 0.00	26.44 0.75 0.00	25.91 0.75 0.00	25.20 0.71 0.00	25.93 0.80 0.00	27.96 0.84 0.00	26.55 0.65 0.00	24.62 0.24 0.00	22.77 0.00 0.00	24.48 -0.07 0.00	26.14 0.00 0.00	27.68 0.06 0.00	29.88 0.12 0.00	29.27 0.12 0.00	31.98 0.29 0.00	39.98 0.59 0.05	49.38 1.30 0.00	56.92 2.08 0.00	56.12 2.26 0.00	46.73 1.97 0.00	41.78 1.72 0.00	36.41 1.37 0.00	31.69 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.64 0.64 0.00	28.19 0.58 0.00	26.21 0.51 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.63 0.50 0.00	27.64 0.52 0.00	26.37 0.47 0.00	24.57 0.19 0.00	22.79 0.02 0.00	24.60 0.05 0.00	26.25 0.10 0.00	27.82 0.19 0.00	29.97 0.21 0.00	29.36 0.20 0.00	31.92 0.22 0.00	39.64 0.20 0.00	48.61 0.53 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.70 0.94 0.00	40.74 0.68 0.00	35.71 0.67 0.00	31.29 0.73 0.00
ETNA____115KV_TB2 80207	29.64 0.64 0.00	28.19 0.58 0.00	26.21 0.51 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.63 0.50 0.00	27.64 0.52 0.00	26.37 0.47 0.00	24.57 0.19 0.00	22.79 0.02 0.00	24.60 0.05 0.00	26.25 0.10 0.00	27.82 0.19 0.00	29.97 0.21 0.00	29.36 0.20 0.00	31.92 0.22 0.00	39.64 0.20 0.00	48.61 0.53 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.70 0.94 0.00	40.74 0.68 0.00	35.71 0.67 0.00	31.29 0.73 0.00
EUCLID__115KV_TB2 356179	29.60 -0.29 -0.89	28.82 -0.25 -1.45	27.08 -0.23 -1.62	26.55 -0.25 -1.64	25.92 -0.24 -1.67	26.54 -0.23 -1.64	29.29 -0.27 -2.44	27.10 -0.28 -1.48	24.90 -0.39 -0.92	23.30 -0.41 -0.94	24.97 -0.42 -0.83	27.33 -0.42 -1.60	28.60 -0.47 -1.45	30.10 -0.54 -0.88	29.52 -0.52 -0.89	32.42 -0.63 -1.35	39.73 -0.91 -1.20	47.48 -1.01 -0.41	54.21 -1.10 -0.47	53.28 -1.08 -0.49	44.76 -0.76 -0.76	39.80 -0.76 -0.50	34.98 -0.56 -0.50	30.82 -0.37 -0.63
E_CANADA_CAP_HY 24051	30.11 1.10 0.00	28.58 0.97 0.00	26.57 0.87 0.00	26.06 0.90 0.00	25.37 0.88 0.00	26.08 0.95 0.00	28.10 0.97 0.00	26.60 0.70 0.00	24.52 0.15 0.00	22.54 -0.23 0.00	24.06 -0.49 0.00	25.68 -0.47 0.00	27.15 -0.47 0.00	29.40 -0.36 0.00	28.89 -0.26 0.00	31.63 -0.06 0.00	39.64 0.28 0.08	49.23 1.15 0.00	57.19 2.36 0.00	56.61 2.75 0.00	47.13 2.37 0.00	42.06 2.00 0.00	36.66 1.61 0.00	31.87 1.31 0.00
E_CANADA_MHWK_HY 24050	30.78 1.07 -0.70	29.73 0.97 -1.15	27.88 0.90 -1.28	27.34 0.88 -1.30	26.65 0.83 -1.32	27.33 0.90 -1.30	30.00 0.95 -1.93	27.96 0.88 -1.18	25.86 0.76 -0.73	24.20 0.68 -0.75	25.97 0.76 -0.66	28.25 0.84 -1.27	29.65 0.88 -1.15	31.38 0.92 -0.70	30.71 0.85 -0.71	33.75 0.98 -1.07	41.65 1.26 -0.95	50.04 1.64 -0.32	57.08 1.87 -0.38	56.14 1.88 -0.39	46.97 1.61 -0.61	41.89 1.44 -0.40	36.67 1.23 -0.40	32.13 1.07 -0.50
E_FISHKILL__LBMP 23776	30.19 1.19 0.00	28.66 1.05 0.00	26.65 0.95 0.00	26.14 0.98 0.00	25.45 0.96 0.00	26.03 0.90 0.00	28.10 0.98 0.00	26.89 0.98 0.00	25.37 1.00 0.00	23.84 1.07 0.00	25.73 1.18 0.00	27.37 1.23 0.00	29.00 1.38 0.00	31.40 1.64 0.00	30.73 1.57 0.00	33.47 1.77 0.00	41.92 2.33 -0.15	50.67 2.60 0.00	57.58 2.74 0.00	56.55 2.69 0.00	47.08 2.33 0.00	42.26 2.20 0.00	36.87 1.82 0.00	31.97 1.41 0.00
FALCON__SEABRD_CC1 323796	32.00 0.58 -2.41	32.18 0.64 -3.94	30.73 0.64 -4.39	30.24 0.63 -4.45	29.73 0.71 -4.53	30.33 0.75 -4.45	34.62 0.89 -6.61	30.91 0.98 -4.03	28.06 1.19 -2.49	26.50 1.18 -2.55	28.08 1.28 -2.25	31.84 1.36 -4.34	32.92 1.38 -3.92	33.54 1.40 -2.38	32.88 1.31 -2.42	36.89 1.52 -3.67	44.62 1.93 -3.24	51.50 2.31 -1.11	58.76 2.63 -1.29	57.74 2.53 -1.35	48.62 1.79 -2.07	42.97 1.56 -1.35	37.80 1.40 -1.36	33.46 1.19 -1.71
FALCON__SEABRD_CC2 323797	32.00 0.58 -2.41	32.18 0.64 -3.94	30.73 0.64 -4.39	30.24 0.63 -4.45	29.73 0.71 -4.53	30.33 0.75 -4.45	34.62 0.89 -6.61	30.91 0.98 -4.03	28.06 1.19 -2.49	26.50 1.18 -2.55	28.08 1.28 -2.25	31.84 1.36 -4.34	32.92 1.38 -3.92	33.54 1.40 -2.38	32.88 1.31 -2.42	36.89 1.52 -3.67	44.62 1.93 -3.24	51.50 2.31 -1.11	58.76 2.63 -1.29	57.74 2.53 -1.35	48.62 1.79 -2.07	42.97 1.56 -1.35	37.80 1.40 -1.36	33.46 1.19 -1.71

FAR ROCKAWAY___4 23548	31.18 2.18 0.00	29.32 1.71 0.00	27.21 1.52 0.00	26.74 1.59 0.00	26.08 1.59 0.00	26.56 1.43 0.00	28.61 1.49 0.00	27.53 1.63 0.00	26.08 1.71 0.00	24.79 2.03 0.00	26.76 2.19 -0.02	28.46 2.30 -0.02	31.38 2.46 -1.30	36.59 2.83 -4.01	38.91 2.74 -7.02	48.21 2.98 -13.54	45.46 3.79 -2.23	52.71 4.62 -0.02	59.88 5.04 0.00	58.76 4.90 0.00	48.80 4.03 -0.02	43.80 3.73 -0.02	38.35 3.29 -0.02	33.07 2.51 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.60 1.60 0.00	28.99 1.38 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.25 1.35 0.00	25.74 1.36 0.00	24.27 1.50 0.00	26.22 1.67 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.05 2.29 0.00	31.43 2.27 0.00	34.23 2.54 0.00	42.90 3.31 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.10 3.04 0.00	37.57 2.52 0.00	32.52 1.96 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.60 1.60 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.42 1.30 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.29 1.53 0.00	26.22 1.67 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.05 2.29 0.00	31.43 2.27 0.00	34.23 2.54 0.00	42.90 3.31 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.14 3.08 0.00	37.60 2.56 0.00	32.52 1.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.57 1.57 0.00	28.99 1.38 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.27 1.50 0.00	26.20 1.65 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.05 2.29 0.00	31.40 2.24 0.00	34.20 2.50 0.00	42.86 3.27 -0.15	51.68 3.61 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.10 3.04 0.00	37.57 2.52 0.00	32.52 1.96 0.00
FARRAGUT___LBMP 323566	30.57 1.57 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.22 1.32 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.37 2.22 0.00	34.20 2.50 0.00	42.86 3.27 -0.15	51.64 3.56 0.00	58.67 3.84 0.00	57.58 3.72 0.00	47.89 3.13 0.00	43.06 3.00 0.00	37.53 2.49 0.00	32.49 1.93 0.00
FENNER___WINDPWR 24204	31.70 0.81 -1.88	31.35 0.66 -3.07	29.74 0.62 -3.42	29.26 0.63 -3.47	28.59 0.56 -3.53	29.25 0.65 -3.47	32.98 0.70 -5.16	29.61 0.57 -3.14	26.73 0.41 -1.94	25.08 0.32 -1.99	26.65 0.34 -1.76	29.95 0.42 -3.38	31.20 0.52 -3.06	32.09 0.47 -1.86	31.48 0.44 -1.89	35.13 0.57 -2.87	42.72 0.75 -2.53	50.19 1.25 -0.86	57.43 1.59 -1.00	56.58 1.67 -1.05	47.80 1.43 -1.61	42.32 1.20 -1.06	37.01 0.91 -1.06	32.72 0.83 -1.33
FIBERTEK___ENERGY 23856	29.74 0.00 -0.74	28.82 0.00 -1.21	27.04 0.00 -1.34	26.50 -0.03 -1.37	25.86 -0.02 -1.39	26.49 0.00 -1.36	29.12 -0.03 -2.03	27.09 -0.05 -1.23	24.94 -0.19 -0.76	23.30 -0.25 -0.78	25.00 -0.25 -0.69	27.24 -0.24 -1.33	28.60 -0.22 -1.20	30.19 -0.30 -0.73	29.63 -0.26 -0.74	32.47 -0.35 -1.13	39.88 -0.55 -0.99	47.89 -0.53 -0.34	54.74 -0.49 -0.40	53.84 -0.43 -0.41	45.17 -0.22 -0.64	40.19 -0.28 -0.42	35.28 -0.18 -0.42	31.05 -0.03 -0.52
FITZPATRICK___ 23598	28.34 -0.67 0.00	27.00 -0.61 0.00	25.13 -0.57 0.00	24.58 -0.58 0.00	23.93 -0.56 0.00	24.57 -0.55 0.00	26.52 -0.60 0.00	25.31 -0.59 0.00	23.72 -0.66 0.00	22.11 -0.66 0.00	23.87 -0.69 0.00	25.41 -0.73 0.00	26.79 -0.83 0.00	28.80 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.49 -1.59 0.00	53.08 -1.76 0.00	52.13 -1.73 0.00	43.41 -1.34 0.00	38.82 -1.24 0.00	34.03 -1.02 0.00	29.74 -0.82 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.51 1.51 0.00	28.97 1.35 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.34 1.22 0.00	27.09 1.19 0.00	25.49 1.12 0.00	23.93 1.16 0.00	25.83 1.28 0.00	27.48 1.33 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.90 1.75 0.00	33.76 2.06 0.00	42.28 2.72 -0.12	51.35 3.27 0.00	58.40 3.56 0.00	57.36 3.50 0.00	47.80 3.04 0.00	42.82 2.76 0.00	37.32 2.28 0.00	32.36 1.80 0.00
FORT ORANGE___ 23900	29.47 0.46 0.00	28.14 0.52 0.00	26.16 0.46 0.00	25.66 0.50 0.00	24.96 0.46 0.00	25.58 0.45 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.74 0.37 0.00	23.09 0.32 0.00	24.83 0.27 0.00	26.41 0.26 0.00	27.90 0.28 0.00	30.09 0.33 0.00	29.53 0.38 0.00	32.17 0.48 0.00	40.05 0.71 0.11	48.89 0.82 0.00	55.77 0.93 0.00	54.83 0.97 0.00	45.70 0.94 0.00	40.90 0.84 0.00	35.71 0.66 0.00	31.05 0.49 0.00
FORT_DRUM_COGEN 23780	37.79 0.61 -8.18	41.08 0.11 -13.35	40.71 0.13 -14.88	40.42 0.15 -15.11	39.90 0.05 -15.36	40.43 0.20 -15.10	49.74 0.19 -22.43	39.62 0.05 -13.66	32.70 -0.12 -8.45	31.25 -0.18 -8.67	31.99 -0.20 -7.64	40.75 -0.10 -14.71	40.84 -0.08 -13.30	37.57 -0.27 -8.08	37.04 -0.32 -8.21	44.04 -0.13 -12.47	50.44 0.00 -11.00	52.52 0.67 -3.77	60.31 1.10 -4.38	59.72 1.29 -4.57	52.78 0.98 -7.04	45.42 0.76 -4.60	40.03 0.39 -4.60	36.70 0.34 -5.80
FOX_HILLS___ESR 323835	30.99 1.97 -0.01	29.36 1.74 -0.01	27.26 1.57 0.00	26.75 1.59 -0.01	26.07 1.57 -0.01	26.53 1.41 0.00	28.53 1.41 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.34 1.57 0.00	26.27 1.72 0.00	27.95 1.80 0.00	29.64 2.02 0.00	32.14 2.38 0.00	31.54 2.39 0.00	34.42 2.73 0.00	43.31 3.71 -0.16	52.16 4.09 0.00	59.17 4.33 0.00	58.11 4.25 0.00	48.34 3.58 0.00	43.54 3.49 0.00	38.00 2.94 -0.01	32.89 2.32 -0.01
FPL_FAR_ROCK_GT1 24212	31.16 2.15 0.00	29.33 1.71 0.00	27.19 1.49 0.00	26.75 1.59 0.00	26.09 1.59 0.00	26.56 1.43 0.00	28.62 1.49 0.00	27.54 1.63 0.00	26.08 1.71 0.00	24.80 2.03 0.00	26.76 2.18 -0.02	28.47 2.30 -0.02	31.38 2.46 -1.30	36.60 2.83 -4.01	38.91 2.74 -7.02	48.21 2.98 -13.54	45.46 3.79 -2.23	52.71 4.62 -0.02	59.88 5.04 0.00	58.76 4.90 0.00	48.81 4.03 -0.02	43.80 3.73 -0.02	38.36 3.29 -0.02	33.07 2.51 0.00
FPL_FAR_ROCK_GT2 23815	31.16 2.15 0.00	29.33 1.71 0.00	27.19 1.49 0.00	26.75 1.59 0.00	26.09 1.59 0.00	26.56 1.43 0.00	28.62 1.49 0.00	27.54 1.63 0.00	26.08 1.71 0.00	24.80 2.03 0.00	26.76 2.18 -0.02	28.47 2.30 -0.02	31.38 2.46 -1.30	36.60 2.83 -4.01	38.91 2.74 -7.02	48.21 2.98 -13.54	45.46 3.79 -2.23	52.71 4.62 -0.02	59.88 5.04 0.00	58.76 4.90 0.00	48.81 4.03 -0.02	43.80 3.73 -0.02	38.36 3.29 -0.02	33.07 2.51 0.00
FRANKLIN_FALL_HYD 24054	40.62 0.46 -11.15	46.31 0.50 -18.20	46.47 0.49 -20.28	46.22 0.48 -20.58	45.97 0.54 -20.93	46.28 0.58 -20.58	58.38 0.71 -30.56	45.30 0.78 -18.62	36.86 0.97 -11.51	35.53 0.96 -11.81	35.97 1.01 -10.40	47.24 1.05 -20.05	46.82 1.08 -18.12	41.85 1.07 -11.02	41.36 1.02 -11.18	49.86 1.17 -16.99	55.97 1.54 -14.99	55.09 1.88 -5.13	62.89 2.08 -5.97	62.08 1.99 -6.23	55.69 1.34 -9.59	47.48 1.16 -6.26	42.33 1.02 -6.27	39.29 0.83 -7.91



FREEPORT_EQUS_GT1 23764	30.89 1.88 0.00	29.08 1.46 0.00	26.96 1.26 0.00	26.52 1.36 0.00	25.86 1.37 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.30 1.40 0.00	25.88 1.51 0.00	24.61 1.84 0.00	26.56 1.99 -0.01	28.22 2.06 -0.01	30.94 2.24 -1.08	34.40 2.53 -2.11	36.84 2.42 -5.27	45.56 2.63 -11.23	44.71 3.39 -1.88	52.13 4.04 -0.01	59.17 4.33 0.00	58.06 4.20 0.00	48.22 3.45 -0.01	43.36 3.29 -0.01	37.93 2.87 -0.01	32.70 2.14 0.00
FREEPORT___CT2 23818	30.89 1.88 0.00	29.08 1.46 0.00	26.96 1.26 0.00	26.52 1.36 0.00	25.86 1.37 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.30 1.40 0.00	25.88 1.51 0.00	24.61 1.84 0.00	26.56 1.99 -0.01	28.22 2.06 -0.01	30.94 2.24 -1.08	34.40 2.53 -2.11	36.84 2.42 -5.27	45.56 2.63 -11.23	44.71 3.39 -1.88	52.13 4.04 -0.01	59.17 4.33 0.00	58.06 4.20 0.00	48.22 3.45 -0.01	43.36 3.29 -0.01	37.93 2.87 -0.01	32.70 2.14 0.00
FRESHKLS_33_KV_LOAD 356253	31.19 2.18 -0.01	29.58 1.96 -0.01	27.50 1.80 0.00	26.95 1.79 -0.01	26.26 1.76 -0.01	26.73 1.61 0.00	28.72 1.60 0.00	27.43 1.53 0.00	25.91 1.54 0.00	24.45 1.68 0.00	26.42 1.87 0.00	28.11 1.96 0.00	29.80 2.18 0.00	32.32 2.56 0.00	31.75 2.59 0.00	34.64 2.95 0.00	43.58 3.98 -0.16	52.55 4.47 0.00	59.61 4.77 0.00	58.55 4.69 0.00	48.69 3.94 0.00	43.82 3.77 0.00	38.28 3.22 -0.01	33.14 2.57 -0.01
FULTON COGEN____ 23766	29.70 -0.32 -1.01	28.99 -0.28 -1.65	27.28 -0.26 -1.84	26.75 -0.28 -1.87	26.12 -0.27 -1.90	26.71 -0.28 -1.87	29.59 -0.30 -2.77	27.28 -0.31 -1.69	25.00 -0.41 -1.04	23.41 -0.43 -1.07	25.06 -0.44 -0.94	27.49 -0.47 -1.82	28.77 -0.50 -1.64	30.16 -0.60 -1.00	29.61 -0.55 -1.01	32.57 -0.67 -1.54	39.89 -0.91 -1.36	47.53 -1.01 -0.46	54.33 -1.04 -0.54	53.45 -0.97 -0.56	44.91 -0.72 -0.87	39.91 -0.72 -0.57	35.05 -0.56 -0.57	30.88 -0.40 -0.72
FULTON___LFGE 323630	30.37 1.36 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.31 1.18 0.00	28.34 1.22 0.00	26.83 0.93 0.00	24.74 0.37 0.00	22.72 -0.05 0.00	24.16 -0.39 0.00	25.73 -0.42 0.00	27.15 -0.47 0.00	29.46 -0.30 0.00	29.01 -0.15 0.00	31.82 0.13 0.00	39.95 0.59 0.09	49.66 1.58 0.00	57.69 2.85 0.00	56.98 3.12 0.00	47.49 2.73 0.00	42.38 2.32 0.00	36.97 1.93 0.00	32.12 1.56 0.00
G.F.CEMENT___DRP 24184	31.21 2.20 0.00	29.66 2.04 0.00	27.57 1.88 0.00	27.05 1.89 0.00	26.35 1.86 0.00	27.06 1.93 0.00	29.16 2.03 0.00	27.82 1.92 0.00	25.98 1.61 0.00	24.09 1.32 0.00	25.46 0.91 0.00	27.11 0.97 0.00	28.53 0.91 0.00	30.95 1.19 0.00	30.38 1.22 0.00	33.25 1.55 0.00	41.41 2.13 0.16	51.11 3.03 0.00	59.33 4.50 0.00	58.38 4.52 0.00	48.78 4.03 0.00	43.50 3.45 0.00	37.99 2.94 0.00	33.01 2.44 0.00
GARDENVILLE___LBMP 24039	29.21 0.20 0.00	27.92 0.30 0.00	26.08 0.39 0.00	25.16 0.00 0.00	24.59 0.10 0.00	25.35 0.23 0.00	27.26 0.14 0.00	25.95 0.05 0.00	23.74 -0.63 0.00	22.02 -0.75 0.00	24.06 -0.49 0.00	25.65 -0.50 0.00	27.35 -0.28 0.00	29.43 -0.33 0.00	28.69 -0.47 0.00	30.75 -0.95 0.00	37.78 -1.66 0.00	45.77 -2.31 0.00	52.70 -2.14 0.00	51.33 -2.53 0.00	43.19 -1.57 0.00	38.22 -1.84 0.00	34.41 -0.63 0.00	30.93 0.37 0.00
GARDNVLA_35_KV_LD 355827	29.30 0.29 0.00	28.00 0.39 0.00	26.16 0.46 0.00	25.23 0.08 0.00	24.66 0.17 0.00	25.43 0.30 0.00	27.31 0.19 0.00	26.03 0.13 0.00	23.84 -0.54 0.00	22.11 -0.66 0.00	24.14 -0.42 0.00	25.75 -0.39 0.00	27.46 -0.17 0.00	29.55 -0.21 0.00	28.83 -0.32 0.00	30.87 -0.82 0.00	37.94 -1.50 0.00	45.96 -2.12 0.00	52.92 -1.92 0.00	51.49 -2.37 0.00	43.37 -1.39 0.00	38.38 -1.68 0.00	34.55 -0.49 0.00	31.05 0.49 0.00
GELCKHM___115KV_LOAD 80723	29.65 -0.17 -0.82	28.79 -0.17 -1.34	27.04 -0.15 -1.50	26.50 -0.18 -1.52	25.87 -0.17 -1.54	26.49 -0.15 -1.52	29.19 -0.19 -2.25	27.07 -0.21 -1.37	24.90 -0.32 -0.85	23.27 -0.36 -0.87	24.98 -0.34 -0.77	27.26 -0.37 -1.48	28.57 -0.39 -1.34	30.12 -0.45 -0.81	29.57 -0.41 -0.83	32.41 -0.54 -1.25	39.80 -0.75 -1.11	47.64 -0.82 -0.38	54.45 -0.82 -0.44	53.51 -0.81 -0.46	44.93 -0.54 -0.71	39.96 -0.56 -0.46	35.09 -0.42 -0.46	30.90 -0.24 -0.58
GENERAL___MILLS 23808	29.27 0.26 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.64 0.15 0.00	25.40 0.28 0.00	27.28 0.16 0.00	26.01 0.10 0.00	23.79 -0.58 0.00	22.06 -0.71 0.00	24.09 -0.47 0.00	25.70 -0.44 0.00	27.40 -0.22 0.00	29.49 -0.27 0.00	28.74 -0.41 0.00	30.81 -0.89 0.00	37.86 -1.58 0.00	45.87 -2.21 0.00	52.81 -2.03 0.00	51.44 -2.42 0.00	43.28 -1.48 0.00	38.30 -1.76 0.00	34.48 -0.56 0.00	30.99 0.43 0.00
GE_PLASTICS___DRP 24183	29.47 0.46 0.00	28.08 0.47 0.00	26.13 0.44 0.00	25.61 0.45 0.00	24.93 0.44 0.00	25.53 0.40 0.00	27.56 0.43 0.00	26.32 0.41 0.00	24.74 0.37 0.00	23.13 0.36 0.00	24.90 0.34 0.00	26.48 0.34 0.00	27.98 0.36 0.00	30.20 0.45 0.00	29.62 0.47 0.00	32.23 0.54 0.00	40.07 0.71 0.08	48.85 0.77 0.00	55.66 0.82 0.00	54.72 0.86 0.00	45.61 0.85 0.00	40.86 0.80 0.00	35.67 0.63 0.00	31.05 0.49 0.00
GILBOA___1 23756	29.56 0.55 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.61 0.45 0.00	24.93 0.44 0.00	25.58 0.45 0.00	27.61 0.49 0.00	26.37 0.47 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.95 0.39 0.00	26.56 0.42 0.00	28.09 0.47 0.00	30.32 0.56 0.00	29.70 0.55 0.00	32.30 0.60 0.00	40.23 0.79 0.00	48.84 0.77 0.00	55.50 0.66 0.00	54.51 0.65 0.00	45.56 0.81 0.00	40.94 0.88 0.00	35.78 0.74 0.00	31.17 0.61 0.00
GILBOA___2 23757	29.56 0.55 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.61 0.45 0.00	24.93 0.44 0.00	25.58 0.45 0.00	27.61 0.49 0.00	26.37 0.47 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.95 0.39 0.00	26.56 0.42 0.00	28.09 0.47 0.00	30.32 0.56 0.00	29.70 0.55 0.00	32.30 0.60 0.00	40.23 0.79 0.00	48.84 0.77 0.00	55.50 0.66 0.00	54.51 0.65 0.00	45.56 0.81 0.00	40.94 0.88 0.00	35.78 0.74 0.00	31.17 0.61 0.00
GILBOA___3 23758	29.56 0.55 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.61 0.45 0.00	24.93 0.44 0.00	25.58 0.45 0.00	27.61 0.49 0.00	26.37 0.47 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.95 0.39 0.00	26.56 0.42 0.00	28.09 0.47 0.00	30.32 0.56 0.00	29.70 0.55 0.00	32.30 0.60 0.00	40.23 0.79 0.00	48.84 0.77 0.00	55.50 0.66 0.00	54.51 0.65 0.00	45.56 0.81 0.00	40.94 0.88 0.00	35.78 0.74 0.00	31.17 0.61 0.00
GILBOA___4 23759	29.56 0.55 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.61 0.45 0.00	24.93 0.44 0.00	25.58 0.45 0.00	27.61 0.49 0.00	26.37 0.47 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.95 0.39 0.00	26.56 0.42 0.00	28.09 0.47 0.00	30.32 0.56 0.00	29.70 0.55 0.00	32.30 0.60 0.00	40.23 0.79 0.00	48.84 0.77 0.00	55.50 0.66 0.00	54.51 0.65 0.00	45.56 0.81 0.00	40.94 0.88 0.00	35.78 0.74 0.00	31.17 0.61 0.00

GILBOA____ 23599	29.56 0.55 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.64 0.48 0.00	24.93 0.44 0.00	25.58 0.45 0.00	27.61 0.49 0.00	26.37 0.47 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.95 0.39 0.00	26.56 0.42 0.00	28.09 0.47 0.00	30.32 0.57 0.00	29.71 0.55 0.00	32.30 0.60 0.00	40.23 0.79 0.00	48.85 0.77 0.00	55.49 0.66 0.00	54.51 0.65 0.00	45.56 0.81 0.00	40.94 0.88 0.00	35.78 0.74 0.00	31.17 0.61 0.00
GINNA____ 23603	27.93 -1.07 0.00	26.54 -1.08 0.00	24.72 -0.98 0.00	24.10 -1.06 0.00	23.49 -1.01 0.00	24.17 -0.95 0.00	26.09 -1.03 0.00	24.84 -1.06 0.00	23.03 -1.34 0.00	21.47 -1.30 0.00	23.25 -1.30 0.00	24.76 -1.39 0.00	26.32 -1.30 0.00	28.27 -1.49 0.00	27.70 -1.46 0.00	29.92 -1.77 0.00	36.96 -2.48 0.00	45.24 -2.84 0.00	51.93 -2.91 0.00	50.79 -3.07 0.00	42.43 -2.33 0.00	37.78 -2.28 0.00	33.40 -1.65 0.00	29.43 -1.13 0.00
GLEN PARK____ 23778	37.47 0.73 -7.74	40.39 0.14 -12.64	39.91 0.13 -14.09	39.63 0.18 -14.30	39.08 0.05 -14.54	39.64 0.23 -14.29	48.56 0.22 -21.22	38.88 0.05 -12.93	32.22 -0.15 -7.99	30.74 -0.23 -8.20	31.54 -0.25 -7.23	39.89 -0.18 -13.93	40.07 -0.14 -12.59	37.08 -0.33 -7.65	36.54 -0.38 -7.77	43.34 -0.16 -11.80	49.82 -0.04 -10.41	52.36 0.72 -3.56	60.19 1.20 -4.15	59.64 1.45 -4.32	52.53 1.12 -6.66	45.29 0.88 -4.35	39.82 0.42 -4.35	36.45 0.40 -5.49
GLENDALE_27_KV_LOAD 356172	30.81 1.80 -0.01	29.21 1.60 0.00	27.14 1.44 0.00	26.63 1.46 -0.01	25.92 1.42 -0.01	26.46 1.33 0.00	28.50 1.38 0.00	27.30 1.40 0.00	25.81 1.44 0.00	24.38 1.62 0.00	26.32 1.77 0.00	28.00 1.86 0.00	29.69 2.07 0.00	32.17 2.41 0.00	31.54 2.39 0.00	34.39 2.69 0.00	43.18 3.59 -0.15	52.02 3.94 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.81 2.77 0.00	32.74 2.17 -0.01
GLENWOOD_IC_1_G5 23712	30.75 1.74 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.47 1.31 0.00	25.79 1.30 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.25 1.35 0.00	25.79 1.41 0.00	24.41 1.64 0.00	26.36 1.79 -0.02	28.04 1.88 -0.02	31.09 2.07 -1.39	34.31 2.38 -2.17	38.00 2.30 -6.55	48.71 2.54 -14.47	45.09 3.27 -2.38	51.56 3.46 -0.02	58.51 3.67 0.00	57.41 3.55 0.00	48.09 3.31 -0.02	43.20 3.12 -0.02	37.76 2.70 -0.02	32.58 2.02 0.00
GLENWOOD_IC_2_G1 23688	30.57 1.57 0.00	28.94 1.33 0.00	26.85 1.16 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.15 1.24 0.00	25.66 1.29 0.00	24.25 1.48 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.56 1.88 -0.06	32.01 2.17 -0.08	31.55 2.13 -0.27	34.66 2.35 -0.62	42.72 3.04 -0.25	51.49 3.41 0.00	58.51 3.67 0.00	57.47 3.61 0.00	47.80 3.04 0.00	42.94 2.89 0.00	37.50 2.45 0.00	32.42 1.86 0.00
GLENWOOD_IC_3_G1 23689	30.57 1.57 0.00	28.94 1.33 0.00	26.85 1.16 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.23 1.10 0.00	28.31 1.19 0.00	27.15 1.24 0.00	25.66 1.29 0.00	24.25 1.48 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.56 1.88 -0.06	32.01 2.17 -0.08	31.55 2.13 -0.27	34.66 2.35 -0.62	42.72 3.04 -0.25	51.49 3.41 0.00	58.51 3.67 0.00	57.47 3.61 0.00	47.80 3.04 0.00	42.94 2.89 0.00	37.50 2.45 0.00	32.42 1.86 0.00
GLENWOOD____4 23550	30.75 1.74 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.47 1.31 0.00	25.79 1.30 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.25 1.35 0.00	25.79 1.41 0.00	24.41 1.64 0.00	26.36 1.79 -0.02	28.04 1.88 -0.02	31.09 2.07 -1.39	34.31 2.38 -2.17	38.00 2.30 -6.55	48.71 2.54 -14.47	45.09 3.27 -2.38	51.65 3.56 -0.02	58.67 3.84 0.00	57.58 3.72 0.00	48.09 3.31 -0.02	43.20 3.12 -0.02	37.76 2.70 -0.02	32.58 2.02 0.00
GLENWOOD____5 23614	30.75 1.74 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.47 1.31 0.00	25.79 1.30 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.25 1.35 0.00	25.79 1.41 0.00	24.41 1.64 0.00	26.36 1.79 -0.02	28.04 1.88 -0.02	31.09 2.07 -1.39	34.31 2.38 -2.17	38.00 2.30 -6.55	48.71 2.54 -14.47	45.09 3.27 -2.38	51.65 3.56 -0.02	58.67 3.84 0.00	57.58 3.72 0.00	48.09 3.31 -0.02	43.20 3.12 -0.02	37.76 2.70 -0.02	32.58 2.02 0.00
GLOBAL GREEN_PORT_GT1 23814	31.33 2.32 0.00	29.35 1.74 0.00	27.16 1.46 0.00	26.79 1.63 0.00	26.21 1.71 0.00	26.56 1.43 0.00	28.53 1.41 0.00	27.51 1.61 0.00	26.20 1.83 0.00	25.09 2.32 0.00	27.12 2.55 -0.01	28.79 2.64 -0.01	31.35 2.93 -0.80	33.91 3.30 -0.85	35.93 3.18 -3.60	43.70 3.64 -8.36	45.65 4.77 -1.44	53.66 5.57 -0.01	60.81 5.98 0.00	59.62 5.77 0.00	49.46 4.70 -0.01	44.59 4.53 -0.01	38.70 3.64 -0.01	33.13 2.57 0.00
GLOBE____DSASP 323697	28.43 -0.58 0.00	27.17 -0.44 0.00	25.39 -0.31 0.00	24.48 -0.68 0.00	23.93 -0.56 0.00	24.67 -0.45 0.00	26.52 -0.60 0.00	25.54 -0.36 0.00	23.18 -1.19 0.00	21.54 -1.23 0.00	23.57 -0.98 0.00	25.02 -1.12 0.00	26.66 -0.97 0.00	28.69 -1.07 0.00	27.93 -1.22 0.00	29.83 -1.87 0.00	36.64 -2.80 0.00	44.28 -3.80 0.00	50.89 -3.95 0.00	49.44 -4.42 0.00	41.85 -2.91 0.00	37.01 -3.04 0.00	33.43 -1.61 0.00	30.07 -0.49 0.00
GOETHSLN____LBMP 323567	30.40 1.39 0.00	28.80 1.19 0.00	26.74 1.05 0.01	26.24 1.08 0.00	25.55 1.05 0.00	26.16 1.03 0.00	28.23 1.11 0.00	27.09 1.19 0.00	25.59 1.22 0.00	24.16 1.39 0.00	26.08 1.52 0.00	27.74 1.59 0.00	29.45 1.82 0.00	31.87 2.11 0.00	31.25 2.10 0.00	34.07 2.38 0.00	42.67 3.08 -0.15	51.40 3.32 0.00	58.35 3.51 0.00	57.31 3.45 0.00	47.62 2.86 0.00	42.82 2.76 0.00	37.36 2.31 0.00	32.30 1.74 0.00
GOLAH____69_KV_TB 1_2 80279	29.38 0.38 0.00	28.00 0.39 0.00	26.11 0.41 0.00	25.36 0.20 0.00	24.74 0.24 0.00	25.48 0.35 0.00	27.45 0.33 0.00	26.08 0.18 0.00	24.08 -0.29 0.00	22.38 -0.39 0.00	24.28 -0.27 0.00	25.86 -0.29 0.00	27.48 -0.14 0.00	29.52 -0.24 0.00	28.83 -0.32 0.00	31.06 -0.63 0.00	38.38 -1.06 0.00	46.78 -1.30 0.00	53.74 -1.10 0.00	52.51 -1.35 0.00	44.04 -0.72 0.00	39.10 -0.96 0.00	34.83 -0.21 0.00	30.96 0.40 0.00
GOODYEAR_LAKE_HYD 323669	29.93 0.93 0.00	28.39 0.77 0.00	26.42 0.72 0.00	25.86 0.70 0.00	25.15 0.66 0.00	25.85 0.73 0.00	27.88 0.76 0.00	26.55 0.65 0.00	24.81 0.44 0.00	23.09 0.32 0.00	24.92 0.37 0.00	26.59 0.44 0.00	28.17 0.55 0.00	30.38 0.62 0.00	29.71 0.55 0.00	32.39 0.70 0.00	40.43 0.99 0.00	49.52 1.44 0.00	56.65 1.81 0.00	55.75 1.89 0.00	46.46 1.70 0.00	41.58 1.52 0.00	36.27 1.23 0.00	31.60 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.38 0.38 0.00	27.97 0.36 0.00	26.03 0.33 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.43 0.30 0.00	27.42 0.30 0.00	26.16 0.26 0.00	24.37 0.00 0.00	22.65 -0.11 0.00	24.53 -0.02 0.00	26.17 0.03 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.27 0.12 0.00	31.73 0.03 0.00	39.40 -0.04 0.00	48.08 0.00 0.00	55.00 0.16 0.00	53.97 0.11 0.00	45.02 0.27 0.00	40.18 0.12 0.00	35.32 0.28 0.00	31.02 0.46 0.00

GOUDEY___7 23579	29.38 0.38 0.00	27.97 0.36 0.00	26.03 0.33 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.43 0.30 0.00	27.42 0.30 0.00	26.16 0.26 0.00	24.37 0.00 0.00	22.65 -0.11 0.00	24.53 -0.02 0.00	26.17 0.03 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.27 0.12 0.00	31.73 0.03 0.00	39.40 -0.04 0.00	48.08 0.00 0.00	55.00 0.16 0.00	53.97 0.11 0.00	45.02 0.27 0.00	40.18 0.12 0.00	35.32 0.28 0.00	31.02 0.46 0.00
GOUDEY___8 23580	29.38 0.38 0.00	27.97 0.36 0.00	26.03 0.33 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.43 0.30 0.00	27.42 0.30 0.00	26.16 0.26 0.00	24.37 0.00 0.00	22.65 -0.11 0.00	24.53 -0.02 0.00	26.17 0.03 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.27 0.12 0.00	31.73 0.03 0.00	39.40 -0.04 0.00	48.08 0.00 0.00	55.00 0.16 0.00	53.97 0.11 0.00	45.02 0.27 0.00	40.18 0.12 0.00	35.32 0.28 0.00	31.02 0.46 0.00
GOWANUS_GT1_1 24077	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT1_2 24078	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT1_3 24079	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT1_4 24080	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT1_5 24084	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT1_6 24111	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT1_7 24112	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT1_8 24113	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT2_1 24114	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT2_2 24115	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT2_3 24116	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT2_4 24117	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT2_5 24118	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01

GOWANUS_GT2_6 24119	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT2_7 24120	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT2_8 24121	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_1 24122	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_2 24123	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_3 24124	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_4 24125	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_5 24126	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_6 24127	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_7 24128	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT3_8 24129	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT4_1 24130	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT4_2 24131	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT4_3 24132	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT4_4 24133	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01

GOWANUS_GT4_5 24134	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT4_6 24135	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT4_7 24136	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GOWANUS_GT4_8 24137	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GREATVRV_69_KV_BK1 356245	31.15 2.15 0.00	29.21 1.60 0.00	27.08 1.39 0.00	26.67 1.51 0.00	26.04 1.54 0.00	26.46 1.33 0.00	28.48 1.36 0.00	27.43 1.53 0.00	26.05 1.68 0.00	24.84 2.07 0.00	26.82 2.26 -0.01	28.51 2.35 -0.01	31.07 2.62 -0.83	33.66 2.98 -0.93	35.73 2.86 -3.72	43.52 3.23 -8.59	45.13 4.22 -1.47	52.99 4.90 -0.01	60.10 5.26 0.00	58.92 5.06 0.00	48.88 4.12 -0.01	44.11 4.05 -0.01	38.42 3.36 -0.01	32.94 2.38 0.00
GREENBSH_115KV_TB3 55895	29.32 0.32 0.00	28.00 0.39 0.00	26.06 0.36 0.00	25.54 0.38 0.00	24.86 0.37 0.00	25.45 0.33 0.00	27.47 0.35 0.00	26.24 0.34 0.00	24.66 0.29 0.00	23.04 0.27 0.00	24.80 0.25 0.00	26.38 0.24 0.00	27.87 0.25 0.00	30.06 0.30 0.00	29.47 0.32 0.00	32.08 0.38 0.00	39.84 0.51 0.11	48.65 0.58 0.00	55.44 0.60 0.00	54.51 0.65 0.00	45.43 0.67 0.00	40.70 0.64 0.00	35.50 0.46 0.00	30.90 0.34 0.00
GREENDGE_115KV_TB5 80291	29.59 0.58 0.00	28.16 0.55 0.00	26.21 0.51 0.00	25.56 0.40 0.00	24.91 0.42 0.00	25.63 0.50 0.00	27.61 0.49 0.00	26.32 0.41 0.00	24.35 -0.02 0.00	22.54 -0.23 0.00	24.41 -0.15 0.00	26.01 -0.13 0.00	27.65 0.03 0.00	29.79 0.03 0.00	29.21 0.06 0.00	31.60 -0.10 0.00	38.89 -0.55 0.00	47.74 -0.34 0.00	54.89 0.05 0.00	53.91 0.05 0.00	44.98 0.22 0.00	39.98 -0.08 0.00	35.46 0.42 0.00	31.29 0.73 0.00
GREENIDGE___3 23582	29.59 0.58 0.00	28.16 0.55 0.00	26.21 0.51 0.00	25.56 0.40 0.00	24.91 0.42 0.00	25.63 0.50 0.00	27.61 0.49 0.00	26.32 0.41 0.00	24.35 -0.02 0.00	22.54 -0.23 0.00	24.41 -0.15 0.00	26.01 -0.13 0.00	27.65 0.03 0.00	29.79 0.03 0.00	29.21 0.06 0.00	31.60 -0.10 0.00	38.89 -0.55 0.00	47.74 -0.34 0.00	54.89 0.05 0.00	53.91 0.05 0.00	44.98 0.22 0.00	39.98 -0.08 0.00	35.46 0.42 0.00	31.29 0.73 0.00
GREENIDGE___4 23583	29.62 0.61 0.00	28.16 0.55 0.00	26.21 0.51 0.00	25.59 0.43 0.00	24.91 0.42 0.00	25.63 0.50 0.00	27.64 0.51 0.00	26.32 0.41 0.00	24.35 -0.02 0.00	22.54 -0.23 0.00	24.41 -0.15 0.00	26.01 -0.13 0.00	27.68 0.06 0.00	29.79 0.03 0.00	29.21 0.06 0.00	31.60 -0.09 0.00	38.89 -0.55 0.00	47.74 -0.33 0.00	54.89 0.05 0.00	53.91 0.05 0.00	44.98 0.22 0.00	39.98 -0.08 0.00	35.47 0.42 0.00	31.29 0.73 0.00
GREENLWN_69_KV_BK 3 55738	30.60 1.60 0.00	28.77 1.16 0.00	26.70 1.00 0.00	26.27 1.11 0.00	25.62 1.13 0.00	26.05 0.93 0.00	28.07 0.95 0.00	27.02 1.11 0.00	25.64 1.27 0.00	24.38 1.62 0.00	26.33 1.77 -0.01	27.99 1.83 -0.01	30.46 2.02 -0.82	32.98 2.32 -0.90	35.06 2.22 -3.70	42.50 2.25 -8.55	43.59 2.68 -1.47	51.07 2.98 -0.01	57.96 3.13 0.00	56.88 3.02 0.00	47.18 2.42 -0.01	42.79 2.72 -0.01	37.65 2.59 -0.01	32.42 1.86 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
GRISSOM___SOLAR 323813	30.34 1.33 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.26 1.11 0.00	25.60 1.10 0.00	26.28 1.16 0.00	28.31 1.19 0.00	26.83 0.93 0.00	24.76 0.39 0.00	22.74 -0.02 0.00	24.16 -0.39 0.00	25.70 -0.44 0.00	27.13 -0.50 0.00	29.43 -0.33 0.00	29.01 -0.15 0.00	31.82 0.13 0.00	39.94 0.59 0.09	49.62 1.54 0.00	57.63 2.80 0.00	56.87 3.01 0.00	47.35 2.59 0.00	42.30 2.24 0.00	36.93 1.89 0.00	32.09 1.53 0.00
GROVEVILLE___HYD 323602	30.51 1.51 0.00	28.97 1.35 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.34 1.22 0.00	27.09 1.19 0.00	25.49 1.12 0.00	23.93 1.16 0.00	25.83 1.28 0.00	27.48 1.33 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.90 1.75 0.00	33.76 2.06 0.00	42.28 2.72 -0.12	51.35 3.27 0.00	58.40 3.56 0.00	57.36 3.50 0.00	47.80 3.04 0.00	42.82 2.76 0.00	37.32 2.28 0.00	32.36 1.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.74 0.00 -0.74	28.82 0.00 -1.21	27.04 0.00 -1.34	26.50 -0.03 -1.37	25.86 -0.02 -1.39	26.49 0.00 -1.36	29.12 -0.03 -2.03	27.09 -0.05 -1.23	24.94 -0.19 -0.76	23.30 -0.25 -0.78	25.00 -0.25 -0.69	27.24 -0.24 -1.33	28.60 -0.22 -1.20	30.19 -0.30 -0.73	29.63 -0.26 -0.74	32.47 -0.35 -1.13	39.88 -0.55 -0.99	47.89 -0.53 -0.34	54.74 -0.49 -0.40	53.84 -0.43 -0.41	45.17 -0.22 -0.64	40.19 -0.28 -0.42	35.28 -0.18 -0.42	31.05 -0.03 -0.52
HAMLTNNY_34_KV_TB 80303	29.76 0.12 -0.64	28.76 0.11 -1.04	26.96 0.10 -1.16	26.39 0.05 -1.18	25.76 0.07 -1.20	26.40 0.10 -1.18	28.95 0.08 -1.75	27.02 0.05 -1.07	24.88 -0.15 -0.66	23.22 -0.23 -0.68	24.95 -0.20 -0.60	27.11 -0.18 -1.15	28.52 -0.14 -1.04	30.21 -0.18 -0.63	29.62 -0.17 -0.64	32.41 -0.25 -0.97	39.87 -0.43 -0.86	47.99 -0.38 -0.29	54.90 -0.27 -0.34	53.95 -0.27 -0.36	45.26 -0.04 -0.55	40.26 -0.16 -0.36	35.37 -0.04 -0.36	31.14 0.12 -0.45

HAMPSHIRE___PAPER_HYD 323593	49.93 0.23 -20.69	61.43 0.03 -33.79	63.40 0.05 -37.65	63.45 0.08 -38.22	63.38 0.02 -38.87	63.43 0.10 -38.20	83.96 0.11 -56.73	60.54 0.08 -34.56	45.84 0.10 -21.37	44.81 0.11 -21.93	43.99 0.12 -19.32	63.55 0.18 -37.23	61.46 0.19 -33.65	50.27 0.06 -20.45	49.94 0.03 -20.76	63.40 0.16 -31.54	67.56 0.28 -27.84	58.28 0.67 -9.53	66.79 0.87 -11.08	66.34 0.91 -11.56	63.05 0.49 -17.80	52.13 0.44 -11.63	46.89 0.21 -11.64	45.43 0.18 -14.68
HARDSCRABBLE_WT_PWR 323673	30.61 0.90 -0.70	29.59 0.83 -1.15	27.73 0.75 -1.28	27.19 0.73 -1.30	26.50 0.68 -1.32	27.18 0.75 -1.30	29.84 0.79 -1.93	27.80 0.72 -1.18	25.71 0.61 -0.73	24.08 0.57 -0.75	25.83 0.61 -0.66	28.09 0.68 -1.27	29.49 0.72 -1.15	31.20 0.74 -0.70	30.56 0.70 -0.71	33.56 0.79 -1.07	41.41 1.02 -0.95	49.75 1.34 -0.32	56.75 1.53 -0.38	55.82 1.56 -0.39	46.70 1.34 -0.61	41.66 1.20 -0.40	36.46 1.02 -0.40	31.95 0.89 -0.50
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.31 1.31 0.00	28.77 1.16 0.00	26.73 1.03 0.00	26.22 1.06 0.00	25.50 1.00 0.00	26.10 0.98 0.00	28.15 1.03 0.00	26.94 1.04 0.00	25.37 1.00 0.00	23.81 1.05 0.00	25.73 1.18 0.00	27.40 1.25 0.00	29.09 1.46 0.00	31.48 1.73 0.00	30.81 1.66 0.00	33.60 1.90 0.00	42.13 2.56 -0.13	51.06 2.98 0.00	58.07 3.24 0.00	57.04 3.18 0.00	47.44 2.69 0.00	42.58 2.52 0.00	37.11 2.07 0.00	32.15 1.59 0.00
HARSNRAD_115KV_TB1 81005	29.18 0.17 0.00	27.94 0.33 0.00	26.11 0.41 0.00	25.18 0.03 0.00	24.62 0.12 0.00	25.38 0.25 0.00	27.28 0.16 0.00	25.80 -0.10 0.00	23.62 -0.76 0.00	21.92 -0.84 0.00	23.89 -0.66 0.00	25.44 -0.71 0.00	27.13 -0.50 0.00	29.19 -0.57 0.00	28.45 -0.70 0.00	30.43 -1.27 0.00	37.39 -2.05 0.00	45.29 -2.79 0.00	52.09 -2.74 0.00	50.68 -3.18 0.00	42.79 -1.97 0.00	37.81 -2.24 0.00	34.13 -0.91 0.00	30.84 0.28 0.00
HARZA MOOSE___RIVER 24016	35.27 0.46 -5.80	37.33 0.25 -9.47	36.50 0.26 -10.55	36.14 0.28 -10.71	35.58 0.20 -10.89	36.13 0.30 -10.70	43.34 0.33 -15.89	35.82 0.23 -9.68	30.51 0.15 -5.99	29.07 0.16 -6.14	30.14 0.17 -5.41	36.83 0.26 -10.43	37.35 0.30 -9.43	35.64 0.15 -5.73	35.06 0.09 -5.82	40.75 0.22 -8.84	47.63 0.39 -7.80	51.61 0.87 -2.67	59.09 1.15 -3.10	58.28 1.18 -3.24	50.59 0.85 -4.99	44.04 0.72 -3.26	38.76 0.46 -3.26	35.10 0.43 -4.11
HDSNBRDG_115KV_BRDG_TB1 355580	29.67 -0.17 -0.84	28.82 -0.17 -1.37	27.07 -0.15 -1.53	26.53 -0.18 -1.55	25.90 -0.17 -1.58	26.52 -0.15 -1.55	29.23 -0.19 -2.30	27.10 -0.21 -1.40	24.90 -0.34 -0.87	23.29 -0.36 -0.89	24.97 -0.37 -0.78	27.29 -0.37 -1.51	28.60 -0.39 -1.36	30.14 -0.45 -0.83	29.59 -0.41 -0.84	32.44 -0.54 -1.28	39.74 -0.83 -1.13	47.55 -0.91 -0.39	54.36 -0.93 -0.45	53.42 -0.92 -0.47	44.86 -0.63 -0.73	39.89 -0.64 -0.47	35.06 -0.46 -0.47	30.91 -0.24 -0.60
HELLGATE_13_KV_LD 55870	30.84 1.83 -0.01	29.24 1.63 0.00	27.16 1.46 0.00	26.65 1.48 -0.01	25.95 1.45 -0.01	26.46 1.33 0.00	28.50 1.38 0.00	27.30 1.40 0.00	25.81 1.44 0.00	24.41 1.64 0.00	26.32 1.77 0.00	28.00 1.86 0.00	29.69 2.07 0.00	32.17 2.41 0.00	31.54 2.39 0.00	34.36 2.66 0.00	43.18 3.59 -0.15	52.02 3.94 0.00	59.00 4.17 0.00	57.95 4.09 0.00	48.20 3.45 0.00	43.38 3.32 0.00	37.85 2.80 0.00	32.77 2.20 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.84 1.83 -0.01	29.24 1.63 0.00	27.16 1.46 0.00	26.65 1.48 -0.01	25.95 1.45 -0.01	26.46 1.33 0.00	28.50 1.38 0.00	27.30 1.40 0.00	25.81 1.44 0.00	24.41 1.64 0.00	26.32 1.77 0.00	28.00 1.86 0.00	29.69 2.07 0.00	32.17 2.41 0.00	31.54 2.39 0.00	34.36 2.66 0.00	43.18 3.59 -0.15	52.02 3.94 0.00	59.00 4.17 0.00	57.95 4.09 0.00	48.20 3.45 0.00	43.38 3.32 0.00	37.85 2.80 0.00	32.77 2.20 -0.01
HEMPSTEAD____ 23647	30.66 1.65 0.00	28.91 1.30 0.00	26.80 1.10 0.00	26.34 1.18 0.00	25.69 1.20 0.00	26.21 1.08 0.00	28.23 1.11 0.00	27.15 1.24 0.00	25.71 1.34 0.00	24.41 1.64 0.00	26.36 1.79 -0.01	28.02 1.86 -0.02	30.84 2.02 -1.20	34.09 2.29 -2.04	37.06 2.19 -5.72	46.59 2.41 -12.48	44.59 3.08 -2.07	51.60 3.51 -0.02	58.62 3.78 0.00	57.52 3.66 0.00	47.86 3.09 -0.02	43.00 2.92 -0.02	37.65 2.59 -0.02	32.49 1.93 0.00
HICKLING___1 23621	29.73 0.73 0.00	28.30 0.69 0.00	26.37 0.67 0.00	25.66 0.50 0.00	25.03 0.54 0.00	25.73 0.60 0.00	27.69 0.57 0.00	26.39 0.49 0.00	24.32 -0.05 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.09 -0.05 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.30 0.15 0.00	31.66 -0.03 0.00	39.13 -0.32 0.00	47.84 -0.24 0.00	55.00 0.16 0.00	54.02 0.16 0.00	45.11 0.36 0.00	40.14 0.08 0.00	35.53 0.49 0.00	31.45 0.89 0.00
HICKLING___2 23622	29.73 0.73 0.00	28.30 0.69 0.00	26.37 0.67 0.00	25.66 0.50 0.00	25.03 0.54 0.00	25.73 0.60 0.00	27.69 0.57 0.00	26.39 0.49 0.00	24.32 -0.05 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.09 -0.05 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.30 0.15 0.00	31.66 -0.03 0.00	39.13 -0.32 0.00	47.84 -0.24 0.00	55.00 0.16 0.00	54.02 0.16 0.00	45.11 0.36 0.00	40.14 0.08 0.00	35.53 0.49 0.00	31.45 0.89 0.00
HIGH FALLS___HY 23754	30.69 1.68 0.00	29.10 1.49 0.00	27.06 1.36 0.00	26.52 1.36 0.00	25.79 1.30 0.00	26.36 1.23 0.00	28.45 1.33 0.00	27.17 1.27 0.00	25.57 1.19 0.00	24.00 1.23 0.00	25.90 1.35 0.00	27.56 1.41 0.00	29.31 1.68 0.00	31.72 1.96 0.00	31.02 1.87 0.00	33.88 2.19 0.00	42.51 3.00 -0.07	51.78 3.70 0.00	58.89 4.06 0.00	57.90 4.04 0.00	48.20 3.45 0.00	43.14 3.08 0.00	37.57 2.52 0.00	32.55 1.99 0.00
HIGH_RIVER___SOLAR 323847	29.96 0.96 0.00	28.50 0.88 0.00	26.49 0.80 0.00	25.96 0.80 0.00	25.30 0.81 0.00	25.95 0.83 0.00	27.99 0.87 0.00	26.63 0.72 0.00	24.76 0.39 0.00	22.88 0.11 0.00	24.41 -0.15 0.00	25.96 -0.18 0.00	27.43 -0.19 0.00	29.64 -0.12 0.00	29.18 0.03 0.00	31.95 0.25 0.00	39.90 0.55 0.10	49.23 1.15 0.00	56.70 1.87 0.00	55.91 2.05 0.00	46.55 1.79 0.00	41.62 1.56 0.00	36.37 1.33 0.00	31.63 1.07 0.00
HILLBURN___GT 23639	30.28 1.27 0.00	28.75 1.13 0.00	26.70 1.00 0.00	26.19 1.03 0.00	25.50 1.00 0.00	26.10 0.98 0.00	28.15 1.03 0.00	26.97 1.06 0.00	25.42 1.05 0.00	23.88 1.12 0.00	25.83 1.28 0.00	27.50 1.36 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.90 1.75 0.00	33.69 2.00 0.00	42.18 2.60 -0.13	51.01 2.93 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.35 2.59 0.00	42.54 2.48 0.00	37.08 2.03 0.00	32.12 1.56 0.00
HILLSIDE_115KV_TB1 80332	29.18 0.17 0.00	27.78 0.17 0.00	25.88 0.18 0.00	25.21 0.05 0.00	24.57 0.07 0.00	25.28 0.15 0.00	27.20 0.08 0.00	25.98 0.08 0.00	24.01 -0.37 0.00	22.29 -0.48 0.00	24.19 -0.37 0.00	25.83 -0.31 0.00	27.43 -0.19 0.00	29.55 -0.21 0.00	28.92 -0.23 0.00	31.28 -0.41 0.00	38.73 -0.71 0.00	47.26 -0.82 0.00	54.23 -0.60 0.00	53.16 -0.70 0.00	44.35 -0.40 0.00	39.54 -0.52 0.00	34.94 -0.11 0.00	30.87 0.31 0.00

HISHELDN_WT_PWR 323625	29.27 0.26 0.00	27.95 0.33 0.00	26.08 0.39 0.00	25.26 0.10 0.00	24.64 0.15 0.00	25.38 0.25 0.00	27.31 0.19 0.00	26.01 0.10 0.00	23.76 -0.61 0.00	21.99 -0.77 0.00	23.99 -0.56 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.34 -0.42 0.00	28.63 -0.52 0.00	30.71 -0.98 0.00	37.79 -1.66 0.00	45.96 -2.11 0.00	52.97 -1.86 0.00	51.70 -2.16 0.00	43.46 -1.30 0.00	38.54 -1.52 0.00	34.52 -0.52 0.00	30.93 0.37 0.00
HOLTSVILLE_IC_1 23690	30.69 1.68 0.00	28.83 1.21 0.00	26.70 1.00 0.00	26.29 1.13 0.00	25.72 1.22 0.00	26.13 1.01 0.00	28.10 0.97 0.00	27.04 1.14 0.00	25.71 1.34 0.00	24.52 1.75 0.00	26.45 1.89 -0.01	28.09 1.93 -0.01	30.55 2.13 -0.80	33.07 2.47 -0.84	35.04 2.30 -3.59	42.61 2.57 -8.35	44.27 3.39 -1.43	51.93 3.85 -0.01	58.89 4.06 0.00	57.74 3.88 0.00	47.99 3.22 -0.01	43.31 3.24 -0.01	37.79 2.74 -0.01	32.42 1.86 0.00
HOLTSVILLE_IC_10 23699	30.80 1.80 0.00	28.91 1.30 0.00	26.78 1.08 0.00	26.39 1.23 0.00	25.79 1.30 0.00	26.18 1.06 0.00	28.18 1.06 0.00	27.12 1.22 0.00	25.78 1.41 0.00	24.59 1.82 0.00	26.55 1.99 -0.01	28.19 2.04 -0.01	30.70 2.27 -0.81	33.24 2.62 -0.86	35.22 2.45 -3.62	42.89 2.79 -8.41	44.55 3.67 -1.44	52.27 4.18 -0.01	59.33 4.50 0.00	58.17 4.31 0.00	48.30 3.53 -0.01	43.55 3.48 -0.01	37.96 2.91 -0.01	32.54 1.99 0.00
HOLTSVILLE_IC_2 23691	30.69 1.68 0.00	28.83 1.21 0.00	26.70 1.00 0.00	26.29 1.13 0.00	25.72 1.22 0.00	26.13 1.01 0.00	28.10 0.97 0.00	27.04 1.14 0.00	25.71 1.34 0.00	24.52 1.75 0.00	26.45 1.89 -0.01	28.09 1.93 -0.01	30.55 2.13 -0.80	33.07 2.47 -0.84	35.04 2.30 -3.59	42.61 2.57 -8.35	44.27 3.39 -1.43	51.93 3.85 -0.01	58.89 4.06 0.00	57.74 3.88 0.00	47.99 3.22 -0.01	43.31 3.24 -0.01	37.79 2.74 -0.01	32.42 1.86 0.00
HOLTSVILLE_IC_3 23692	30.69 1.68 0.00	28.83 1.21 0.00	26.70 1.00 0.00	26.29 1.13 0.00	25.72 1.22 0.00	26.13 1.01 0.00	28.10 0.97 0.00	27.04 1.14 0.00	25.71 1.34 0.00	24.52 1.75 0.00	26.45 1.89 0.00	28.09 1.93 -0.01	30.55 2.13 -0.80	33.07 2.47 -0.84	35.04 2.30 -3.59	42.61 2.57 -8.35	44.27 3.39 -1.43	51.93 3.85 -0.01	58.89 4.06 0.00	57.74 3.88 0.00	47.99 3.22 -0.01	43.31 3.24 -0.01	37.79 2.74 -0.01	32.42 1.86 0.00
HOLTSVILLE_IC_4 23693	30.69 1.68 0.00	28.83 1.21 0.00	26.70 1.00 0.00	26.29 1.13 0.00	25.72 1.22 0.00	26.13 1.01 0.00	28.10 0.97 0.00	27.04 1.14 0.00	25.71 1.34 0.00	24.52 1.75 0.00	26.45 1.89 -0.01	28.09 1.93 -0.01	30.55 2.13 -0.80	33.07 2.47 -0.84	35.04 2.30 -3.59	42.61 2.57 -8.35	44.27 3.39 -1.43	51.93 3.85 -0.01	58.89 4.06 0.00	57.74 3.88 0.00	47.99 3.22 -0.01	43.31 3.24 -0.01	37.79 2.74 -0.01	32.42 1.86 0.00
HOLTSVILLE_IC_5 23694	30.69 1.68 0.00	28.83 1.21 0.00	26.70 1.00 0.00	26.29 1.13 0.00	25.72 1.22 0.00	26.13 1.01 0.00	28.10 0.97 0.00	27.04 1.14 0.00	25.71 1.34 0.00	24.52 1.75 0.00	26.45 1.89 -0.01	28.09 1.93 -0.01	30.55 2.13 -0.80	33.07 2.47 -0.84	35.04 2.30 -3.59	42.61 2.57 -8.35	44.27 3.39 -1.43	51.93 3.85 -0.01	58.89 4.06 0.00	57.74 3.88 0.00	47.99 3.22 -0.01	43.31 3.24 -0.01	37.79 2.74 -0.01	32.42 1.86 0.00
HOLTSVILLE_IC_6 23695	30.80 1.80 0.00	28.91 1.30 0.00	26.78 1.08 0.00	26.39 1.23 0.00	25.79 1.30 0.00	26.18 1.06 0.00	28.18 1.06 0.00	27.12 1.22 0.00	25.78 1.41 0.00	24.59 1.82 0.00	26.55 1.99 -0.01	28.19 2.04 -0.01	30.70 2.27 -0.81	33.24 2.62 -0.86	35.22 2.45 -3.62	42.89 2.79 -8.41	44.55 3.67 -1.44	52.27 4.18 -0.01	59.33 4.50 0.00	58.17 4.31 0.00	48.30 3.53 -0.01	43.55 3.48 -0.01	37.96 2.91 -0.01	32.54 1.99 0.00
HOLTSVILLE_IC_7 23696	30.80 1.80 0.00	28.91 1.30 0.00	26.78 1.08 0.00	26.39 1.23 0.00	25.79 1.30 0.00	26.18 1.06 0.00	28.18 1.06 0.00	27.12 1.22 0.00	25.78 1.41 0.00	24.59 1.82 0.00	26.55 1.99 -0.01	28.19 2.04 -0.01	30.70 2.27 -0.81	33.24 2.62 -0.86	35.22 2.45 -3.62	42.89 2.79 -8.41	44.55 3.67 -1.44	52.27 4.18 -0.01	59.33 4.50 0.00	58.17 4.31 0.00	48.30 3.53 -0.01	43.55 3.48 -0.01	37.96 2.91 -0.01	32.54 1.99 0.00
HOLTSVILLE_IC_8 23697	30.80 1.80 0.00	28.91 1.30 0.00	26.78 1.08 0.00	26.39 1.23 0.00	25.79 1.30 0.00	26.18 1.06 0.00	28.18 1.06 0.00	27.12 1.22 0.00	25.78 1.41 0.00	24.59 1.82 0.00	26.55 1.99 -0.01	28.19 2.04 -0.01	30.70 2.27 -0.81	33.24 2.62 -0.86	35.22 2.45 -3.62	42.89 2.79 -8.41	44.55 3.67 -1.44	52.27 4.18 -0.01	59.33 4.50 0.00	58.17 4.31 0.00	48.30 3.53 -0.01	43.55 3.48 -0.01	37.96 2.91 -0.01	32.54 1.99 0.00
HOLTSVILLE_IC_9 23698	30.80 1.80 0.00	28.91 1.30 0.00	26.78 1.08 0.00	26.39 1.23 0.00	25.79 1.30 0.00	26.18 1.06 0.00	28.18 1.06 0.00	27.12 1.22 0.00	25.78 1.41 0.00	24.59 1.82 0.00	26.55 1.99 -0.01	28.19 2.04 -0.01	30.70 2.27 -0.81	33.24 2.62 -0.86	35.22 2.45 -3.62	42.89 2.79 -8.41	44.55 3.67 -1.44	52.27 4.18 -0.01	59.33 4.50 0.00	58.17 4.31 0.00	48.30 3.53 -0.01	43.55 3.48 -0.01	37.96 2.91 -0.01	32.54 1.99 0.00
HOMER_HL_115KV_TB2 355744	28.74 -0.26 0.00	27.47 -0.14 0.00	25.65 -0.05 0.00	24.76 -0.40 0.00	24.22 -0.27 0.00	24.97 -0.15 0.00	26.80 -0.33 0.00	25.59 -0.31 0.00	23.37 -1.00 0.00	21.63 -1.14 0.00	23.67 -0.88 0.00	25.31 -0.84 0.00	27.01 -0.61 0.00	29.07 -0.68 0.00	28.36 -0.79 0.00	30.49 -1.20 0.00	37.55 -1.89 0.00	45.53 -2.55 0.00	52.53 -2.30 0.00	51.17 -2.69 0.00	42.79 -1.97 0.00	37.90 -2.16 0.00	34.03 -1.02 0.00	30.53 -0.03 0.00
HOWARD_WT_PWR 323690	29.87 0.87 0.00	28.44 0.83 0.00	26.49 0.80 0.00	25.76 0.60 0.00	25.11 0.61 0.00	25.85 0.73 0.00	27.85 0.73 0.00	26.50 0.60 0.00	24.28 -0.10 0.00	22.40 -0.37 0.00	24.33 -0.22 0.00	25.96 -0.18 0.00	27.68 0.06 0.00	29.82 0.06 0.00	29.18 0.03 0.00	31.44 -0.25 0.00	38.77 -0.67 0.00	47.50 -0.57 0.00	54.84 0.00 0.00	53.81 -0.05 0.00	45.07 0.32 0.00	40.02 -0.04 0.00	35.57 0.53 0.00	31.63 1.07 0.00
HQ_GEN_CEDARS 23644	71.45 -0.09 -42.53	96.97 -0.08 -69.44	103.03 -0.05 -77.39	103.65 -0.05 -78.55	104.35 -0.02 -79.88	103.61 -0.03 -78.51	143.72 0.00 -116.60	96.94 0.00 -71.03	68.47 0.17 -43.92	68.04 0.20 -45.07	64.45 0.20 -39.70	102.86 0.21 -76.51	96.97 0.19 -69.15	72.00 0.21 -42.03	72.03 0.20 -42.67	96.74 0.22 -64.82	96.97 0.32 -57.22	68.00 0.34 -19.58	78.00 0.38 -22.78	78.00 0.38 -23.76	81.39 0.04 -36.59	64.00 0.04 -23.90	59.00 0.04 -23.92	60.74 0.00 -30.18
HQ_GEN_CEDARS_PROXY 323590	71.45 -0.09 -42.53	96.97 -0.08 -69.44	96.97 -0.05 -71.32	96.97 -0.05 -71.86	96.97 -0.02 -72.50	96.97 -0.03 -71.87	96.97 0.00 -69.88	96.97 0.00 -71.07	68.47 0.17 -43.92	68.04 0.20 -45.07	64.45 0.20 -39.70	96.97 0.21 -70.62	96.97 0.19 -69.15	72.00 0.21 -42.03	72.00 0.18 -42.67	96.74 0.22 -64.82	96.97 0.31 -57.22	68.00 0.34 -19.58	78.00 0.39 -22.78	78.00 0.38 -23.76	81.39 0.04 -36.59	64.00 0.04 -23.90	59.00 0.04 -23.92	60.74 0.00 -30.18

HQ_GEN_IMPORT 323601	27.23 -0.23 1.54	24.88 -0.22 2.51	22.69 -0.21 2.80	22.12 -0.20 2.84	21.43 -0.17 2.89	22.11 -0.17 2.84	22.68 -0.19 4.25	23.21 -0.15 2.53	22.74 -0.05 1.59	21.11 -0.02 1.63	23.07 -0.05 1.44	23.33 -0.05 2.77	25.07 -0.06 2.50	28.18 -0.06 1.52	27.55 -0.06 1.54	29.29 -0.06 2.34	37.29 -0.08 2.07	47.27 -0.10 0.71	53.90 -0.11 0.82	52.89 -0.11 0.86	43.17 -0.27 1.32	38.96 -0.24 0.86	33.97 -0.21 0.86	29.26 -0.21 1.09
HQ_GEN_WHEEL 23651	27.23 -0.23 1.54	24.88 -0.22 2.51	22.69 -0.21 2.80	22.12 -0.20 2.84	21.43 -0.17 2.89	22.11 -0.17 2.84	22.68 -0.19 4.25	23.21 -0.15 2.53	22.74 -0.05 1.59	21.11 -0.02 1.63	23.07 -0.05 1.44	23.33 -0.05 2.77	25.07 -0.06 2.50	28.18 -0.06 1.52	27.55 -0.06 1.54	29.29 -0.06 2.34	37.29 -0.08 2.07	47.27 -0.10 0.71	53.90 -0.11 0.82	52.89 -0.11 0.86	43.17 -0.27 1.32	38.96 -0.24 0.86	33.97 -0.21 0.86	29.26 -0.21 1.09
HUDSON AVE_GT_3 23810	30.60 1.60 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.42 1.30 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.29 1.53 0.00	26.22 1.67 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.08 2.32 0.00	31.43 2.27 0.00	34.26 2.57 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.14 3.08 0.00	37.60 2.56 0.00	32.52 1.96 0.00
HUDSON AVE_GT_4 23540	30.60 1.60 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.42 1.30 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.29 1.53 0.00	26.22 1.67 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.08 2.32 0.00	31.43 2.27 0.00	34.26 2.57 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.14 3.08 0.00	37.60 2.56 0.00	32.52 1.96 0.00
HUDSON AVE_GT_5 23657	30.60 1.60 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.42 1.30 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.29 1.53 0.00	26.22 1.67 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.08 2.32 0.00	31.43 2.27 0.00	34.26 2.57 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.14 3.08 0.00	37.60 2.56 0.00	32.52 1.96 0.00
HUDSON_AVE_10 24168	30.46 1.45 0.00	28.88 1.27 0.00	26.83 1.13 0.00	26.32 1.16 0.00	25.62 1.13 0.00	26.23 1.11 0.00	28.31 1.19 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.17 2.47 0.00	42.82 3.23 -0.15	51.59 3.51 0.00	58.56 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	42.98 2.92 0.00	37.50 2.45 0.00	32.39 1.83 0.00
HUDSON___115KV_TB 4 355613	29.88 0.87 0.00	28.47 0.86 0.00	26.49 0.80 0.00	25.96 0.81 0.00	25.28 0.78 0.00	25.85 0.73 0.00	27.91 0.79 0.00	26.58 0.67 0.00	24.91 0.54 0.00	23.18 0.41 0.00	24.87 0.32 0.00	26.43 0.29 0.00	27.95 0.33 0.00	30.20 0.45 0.00	29.65 0.50 0.00	32.39 0.70 0.00	40.59 1.22 0.08	49.62 1.54 0.00	56.70 1.86 0.00	55.75 1.89 0.00	46.46 1.70 0.00	41.54 1.48 0.00	36.24 1.19 0.00	31.51 0.95 0.00
HUNTER MOUNT___DRP 323613	29.99 0.99 0.00	28.58 0.97 0.00	26.60 0.90 0.00	26.06 0.91 0.00	25.35 0.86 0.00	25.93 0.80 0.00	27.99 0.87 0.00	26.63 0.73 0.00	24.88 0.51 0.00	23.13 0.36 0.00	24.80 0.25 0.00	26.38 0.24 0.00	27.90 0.28 0.00	30.15 0.39 0.00	29.59 0.44 0.00	32.39 0.70 0.00	40.81 1.42 0.05	49.81 1.73 0.00	56.97 2.14 0.00	56.01 2.15 0.00	46.73 1.97 0.00	41.74 1.68 0.00	36.41 1.37 0.00	31.63 1.07 0.00
HUNTINGTON_RES_REC 323705	30.69 1.68 0.00	28.83 1.21 0.00	26.70 1.00 0.00	26.29 1.13 0.00	25.67 1.18 0.00	26.10 0.98 0.00	28.10 0.97 0.00	27.07 1.17 0.00	25.69 1.32 0.00	24.50 1.73 0.00	26.43 1.87 -0.01	28.09 1.93 -0.01	30.56 2.13 -0.81	33.10 2.47 -0.87	35.15 2.36 -3.64	42.67 2.54 -8.44	44.04 3.16 -1.45	51.70 3.61 -0.01	58.62 3.78 0.00	57.47 3.61 0.00	47.72 2.95 -0.01	43.11 3.04 -0.01	37.82 2.77 -0.01	32.49 1.93 0.00
HUNTLEY___63 23557	29.18 0.17 0.00	27.92 0.30 0.00	26.06 0.36 0.00	25.13 -0.03 0.00	24.57 0.07 0.00	25.33 0.20 0.00	27.23 0.11 0.00	25.98 0.08 0.00	23.69 -0.68 0.00	21.99 -0.77 0.00	24.04 -0.52 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.37 -0.39 0.00	28.63 -0.52 0.00	30.62 -1.08 0.00	37.63 -1.81 0.00	45.53 -2.55 0.00	52.37 -2.47 0.00	50.95 -2.91 0.00	43.01 -1.75 0.00	38.02 -2.04 0.00	34.27 -0.77 0.00	30.90 0.34 0.00
HUNTLEY___64 23558	29.18 0.17 0.00	27.92 0.30 0.00	26.06 0.36 0.00	25.13 -0.03 0.00	24.57 0.07 0.00	25.33 0.20 0.00	27.23 0.11 0.00	25.98 0.08 0.00	23.69 -0.68 0.00	21.99 -0.77 0.00	24.04 -0.52 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.37 -0.39 0.00	28.63 -0.52 0.00	30.62 -1.08 0.00	37.63 -1.81 0.00	45.53 -2.55 0.00	52.37 -2.47 0.00	50.95 -2.91 0.00	43.01 -1.75 0.00	38.02 -2.04 0.00	34.27 -0.77 0.00	30.90 0.34 0.00
HUNTLEY___65 23559	29.18 0.17 0.00	27.92 0.30 0.00	26.06 0.36 0.00	25.13 -0.03 0.00	24.57 0.07 0.00	25.33 0.20 0.00	27.23 0.11 0.00	25.98 0.08 0.00	23.69 -0.68 0.00	21.99 -0.77 0.00	24.04 -0.52 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.37 -0.39 0.00	28.63 -0.52 0.00	30.62 -1.08 0.00	37.63 -1.81 0.00	45.53 -2.55 0.00	52.37 -2.47 0.00	50.95 -2.91 0.00	43.01 -1.75 0.00	38.02 -2.04 0.00	34.27 -0.77 0.00	30.90 0.34 0.00
HUNTLEY___66 23560	29.18 0.17 0.00	27.92 0.30 0.00	26.06 0.36 0.00	25.13 -0.03 0.00	24.57 0.07 0.00	25.33 0.20 0.00	27.23 0.11 0.00	25.98 0.08 0.00	23.69 -0.68 0.00	21.99 -0.77 0.00	24.04 -0.52 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.37 -0.39 0.00	28.63 -0.52 0.00	30.62 -1.08 0.00	37.63 -1.81 0.00	45.53 -2.55 0.00	52.37 -2.47 0.00	50.95 -2.91 0.00	43.01 -1.75 0.00	38.02 -2.04 0.00	34.27 -0.77 0.00	30.90 0.34 0.00
HUNTLEY___67 23561	29.03 0.03 0.00	27.75 0.14 0.00	25.93 0.23 0.00	25.03 -0.13 0.00	24.44 -0.05 0.00	25.20 0.08 0.00	27.09 -0.03 0.00	25.85 -0.05 0.00	23.64 -0.73 0.00	21.95 -0.82 0.00	23.97 -0.59 0.00	25.52 -0.63 0.00	27.21 -0.41 0.00	29.28 -0.48 0.00	28.54 -0.61 0.00	30.52 -1.17 0.00	37.51 -1.93 0.00	45.43 -2.64 0.00	52.20 -2.63 0.00	50.84 -3.02 0.00	42.88 -1.88 0.00	37.90 -2.16 0.00	34.17 -0.88 0.00	30.74 0.18 0.00
HUNTLEY___68 23562	29.03 0.03 0.00	27.75 0.14 0.00	25.93 0.23 0.00	25.03 -0.13 0.00	24.44 -0.05 0.00	25.20 0.08 0.00	27.09 -0.03 0.00	25.85 -0.05 0.00	23.64 -0.73 0.00	21.95 -0.82 0.00	23.97 -0.59 0.00	25.52 -0.63 0.00	27.21 -0.41 0.00	29.28 -0.48 0.00	28.54 -0.61 0.00	30.52 -1.17 0.00	37.51 -1.93 0.00	45.43 -2.64 0.00	52.20 -2.63 0.00	50.84 -3.02 0.00	42.88 -1.88 0.00	37.90 -2.16 0.00	34.17 -0.88 0.00	30.74 0.18 0.00



HYLAND___LFGE 323620	30.78 1.77 0.00	29.21 1.60 0.00	27.21 1.52 0.00	26.49 1.33 0.00	25.84 1.35 0.00	26.61 1.48 0.00	28.75 1.63 0.00	27.27 1.37 0.00	24.86 0.49 0.00	22.79 0.02 0.00	24.60 0.05 0.00	26.12 -0.03 0.00	27.82 0.19 0.00	30.00 0.24 0.00	29.47 0.32 0.00	31.95 0.25 0.00	39.68 0.24 0.00	49.18 1.11 0.00	57.31 2.47 0.00	56.17 2.31 0.00	46.90 2.15 0.00	41.66 1.60 0.00	36.80 1.75 0.00	32.55 1.99 0.00
INDECK___CORINTH 23802	31.21 2.20 0.00	29.66 2.04 0.00	27.57 1.87 0.00	27.07 1.91 0.00	26.38 1.89 0.00	27.06 1.93 0.00	29.18 2.06 0.00	27.85 1.94 0.00	25.98 1.61 0.00	24.09 1.32 0.00	25.44 0.88 0.00	27.06 0.91 0.00	28.48 0.86 0.00	30.89 1.13 0.00	30.32 1.17 0.00	33.22 1.52 0.00	41.34 2.05 0.15	51.06 2.98 0.00	59.33 4.50 0.00	58.44 4.58 0.00	48.83 4.07 0.00	43.54 3.48 0.00	38.02 2.98 0.00	33.03 2.47 0.00
INDECK___ILION 23567	30.29 0.58 -0.70	29.29 0.52 -1.15	27.47 0.49 -1.28	26.94 0.48 -1.30	26.26 0.44 -1.32	26.90 0.48 -1.30	29.57 0.52 -1.93	27.55 0.47 -1.18	25.49 0.39 -0.73	23.86 0.34 -0.75	25.61 0.39 -0.66	27.83 0.42 -1.27	29.21 0.44 -1.15	30.93 0.48 -0.70	30.30 0.44 -0.71	33.28 0.51 -1.07	41.06 0.67 -0.95	49.32 0.91 -0.32	56.25 1.04 -0.38	55.28 1.02 -0.39	46.30 0.94 -0.61	41.26 0.80 -0.40	36.11 0.67 -0.40	31.64 0.58 -0.50
INDECK___OLEAN 23982	28.77 -0.23 0.00	27.48 -0.14 0.00	25.65 -0.05 0.00	24.81 -0.35 0.00	24.22 -0.27 0.00	24.98 -0.15 0.00	26.82 -0.30 0.00	25.62 -0.28 0.00	23.37 -1.00 0.00	21.63 -1.14 0.00	23.67 -0.88 0.00	25.31 -0.84 0.00	27.01 -0.61 0.00	29.08 -0.68 0.00	28.37 -0.79 0.00	30.49 -1.20 0.00	37.55 -1.89 0.00	45.58 -2.50 0.00	52.53 -2.30 0.00	51.22 -2.64 0.00	42.79 -1.97 0.00	37.97 -2.08 0.00	34.03 -1.02 0.00	30.53 -0.03 0.00
INDECK___OSWEGO 23783	29.83 -0.47 -1.29	29.28 -0.44 -2.11	27.63 -0.41 -2.35	27.12 -0.43 -2.38	26.50 -0.42 -2.42	27.11 -0.40 -2.38	30.23 -0.43 -3.54	27.59 -0.47 -2.16	25.17 -0.54 -1.33	23.59 -0.55 -1.37	25.20 -0.56 -1.21	27.87 -0.60 -2.32	29.06 -0.66 -2.10	30.26 -0.77 -1.28	29.69 -0.76 -1.30	32.81 -0.85 -1.97	40.03 -1.15 -1.74	47.42 -1.25 -0.59	54.16 -1.37 -0.69	53.29 -1.29 -0.72	44.88 -0.98 -1.11	39.86 -0.92 -0.73	35.00 -0.77 -0.73	30.87 -0.61 -0.92
INDECK___YERKES 23781	29.35 0.35 0.00	27.95 0.33 0.00	26.08 0.39 0.00	25.18 0.03 0.00	24.59 0.10 0.00	25.35 0.23 0.00	27.26 0.14 0.00	25.95 0.05 0.00	23.72 -0.66 0.00	22.02 -0.75 0.00	24.06 -0.49 0.00	25.59 -0.55 0.00	27.32 -0.30 0.00	29.40 -0.36 0.00	28.66 -0.50 0.00	30.65 -1.05 0.00	37.63 -1.81 0.00	45.63 -2.45 0.00	52.42 -2.41 0.00	51.00 -2.86 0.00	43.06 -1.70 0.00	38.10 -1.96 0.00	34.31 -0.74 0.00	30.93 0.37 0.00
INDIAN POINT_GT_1 24139	30.31 1.31 0.00	28.77 1.16 0.00	26.73 1.03 0.00	26.22 1.06 0.00	25.52 1.03 0.00	26.13 1.00 0.00	28.18 1.06 0.00	26.99 1.09 0.00	25.47 1.10 0.00	23.95 1.18 0.00	25.88 1.33 0.00	27.53 1.39 0.00	29.22 1.60 0.00	31.60 1.85 0.00	30.96 1.81 0.00	33.72 2.03 0.00	42.23 2.64 -0.15	51.06 2.98 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.40 2.64 0.00	42.58 2.52 0.00	37.11 2.07 0.00	32.15 1.59 0.00
INDIAN POINT_GT_2 23659	30.31 1.31 0.00	28.77 1.16 0.00	26.73 1.03 0.00	26.22 1.06 0.00	25.52 1.03 0.00	26.13 1.00 0.00	28.18 1.06 0.00	26.99 1.09 0.00	25.47 1.10 0.00	23.95 1.18 0.00	25.88 1.33 0.00	27.53 1.39 0.00	29.22 1.60 0.00	31.60 1.85 0.00	30.96 1.81 0.00	33.72 2.03 0.00	42.23 2.64 -0.15	51.06 2.98 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.40 2.64 0.00	42.58 2.52 0.00	37.11 2.07 0.00	32.15 1.59 0.00
INDIAN POINT_GT_3 24019	30.31 1.31 0.00	28.77 1.16 0.00	26.73 1.03 0.00	26.22 1.06 0.00	25.52 1.03 0.00	26.13 1.00 0.00	28.18 1.06 0.00	26.99 1.09 0.00	25.47 1.10 0.00	23.95 1.18 0.00	25.88 1.33 0.00	27.53 1.39 0.00	29.22 1.60 0.00	31.60 1.85 0.00	30.96 1.81 0.00	33.72 2.03 0.00	42.23 2.64 -0.15	51.06 2.98 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.40 2.64 0.00	42.58 2.52 0.00	37.11 2.07 0.00	32.15 1.59 0.00
INDIAN POINT___2 23530	30.25 1.25 0.00	28.72 1.11 0.00	26.70 1.00 0.00	26.17 1.01 0.00	25.50 1.00 0.00	26.08 0.95 0.00	28.15 1.03 0.00	26.97 1.06 0.00	25.42 1.05 0.00	23.93 1.16 0.00	25.86 1.30 0.00	27.50 1.36 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.93 1.78 0.00	33.69 2.00 0.00	42.19 2.60 -0.14	50.96 2.88 0.00	57.96 3.12 0.00	56.87 3.01 0.00	47.31 2.55 0.00	42.50 2.44 0.00	37.08 2.03 0.00	32.12 1.56 0.00
INDIAN POINT___3 23531	30.28 1.28 0.00	28.74 1.13 0.00	26.70 1.00 0.00	26.19 1.03 0.00	25.50 1.00 0.00	26.10 0.98 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.44 1.07 0.00	23.93 1.16 0.00	25.86 1.30 0.00	27.50 1.36 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.90 1.75 0.00	33.69 2.00 0.00	42.19 2.60 -0.15	50.96 2.88 0.00	57.96 3.13 0.00	56.88 3.02 0.00	47.35 2.60 0.00	42.50 2.44 0.00	37.08 2.03 0.00	32.12 1.56 0.00
INGHAM_C_115KV_TB7 356103	30.78 1.07 -0.70	29.73 0.97 -1.15	27.88 0.90 -1.28	27.34 0.88 -1.30	26.65 0.83 -1.32	27.33 0.90 -1.30	30.00 0.95 -1.93	27.96 0.88 -1.18	25.86 0.76 -0.73	24.20 0.68 -0.75	25.97 0.76 -0.66	28.25 0.84 -1.27	29.65 0.88 -1.15	31.38 0.92 -0.70	30.70 0.85 -0.71	33.75 0.98 -1.07	41.65 1.26 -0.95	50.04 1.63 -0.32	57.08 1.86 -0.38	56.14 1.89 -0.39	46.97 1.61 -0.61	41.90 1.44 -0.40	36.67 1.23 -0.40	32.13 1.07 -0.50
IP CORINTH___1 23988	31.24 2.23 0.00	29.66 2.04 0.00	27.57 1.88 0.00	27.07 1.91 0.00	26.38 1.89 0.00	27.06 1.93 0.00	29.16 2.03 0.00	27.85 1.94 0.00	25.98 1.61 0.00	24.09 1.32 0.00	25.44 0.88 0.00	27.06 0.92 0.00	28.48 0.86 0.00	30.89 1.13 0.00	30.32 1.17 0.00	33.22 1.52 0.00	41.34 2.05 0.15	51.06 2.98 0.00	59.33 4.50 0.00	58.44 4.58 0.00	48.83 4.07 0.00	43.54 3.49 0.00	38.02 2.98 0.00	33.04 2.48 0.00
IP___TICONDEROGA 23804	32.17 3.16 0.00	30.51 2.90 0.00	28.37 2.67 0.00	27.88 2.72 0.00	27.19 2.69 0.00	27.91 2.79 0.00	30.05 2.93 0.00	28.62 2.72 0.00	26.61 2.24 0.00	24.59 1.82 0.00	25.90 1.35 0.00	27.58 1.44 0.00	28.98 1.35 0.00	31.51 1.76 0.00	31.02 1.87 0.00	34.04 2.35 0.00	42.44 3.16 0.15	52.69 4.62 0.00	61.47 6.64 0.00	60.54 6.68 0.00	50.57 5.82 0.00	45.03 4.97 0.00	39.28 4.24 0.00	34.07 3.51 0.00
ISLIP_RES_REC 323679	30.92 1.91 0.00	28.99 1.38 0.00	26.85 1.16 0.00	26.47 1.31 0.00	25.86 1.37 0.00	26.28 1.16 0.00	28.26 1.14 0.00	27.22 1.32 0.00	25.88 1.51 0.00	24.68 1.91 0.00	26.65 2.09 -0.01	28.32 2.17 -0.01	30.84 2.40 -0.81	33.40 2.77 -0.88	35.42 2.62 -3.64	43.12 2.98 -8.45	44.83 3.94 -1.45	52.61 4.52 -0.01	59.66 4.83 0.00	58.49 4.63 0.00	48.57 3.80 -0.01	43.79 3.73 -0.01	38.14 3.08 -0.01	32.70 2.14 0.00

JAMAICA__27_KV_LOAD 355505	30.43 1.42 0.00	28.83 1.21 0.00	26.75 1.05 0.00	26.27 1.11 0.00	25.57 1.08 0.00	26.21 1.08 0.00	28.34 1.22 0.00	27.22 1.32 0.00	25.79 1.41 0.00	24.32 1.55 0.00	26.27 1.72 0.00	27.95 1.80 0.00	29.64 2.02 0.00	32.14 2.38 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.02 3.43 -0.15	51.78 3.70 0.00	58.84 4.00 0.00	57.79 3.93 0.00	48.02 3.27 0.00	43.10 3.04 0.00	37.60 2.56 0.00	32.46 1.89 0.00
JANIS__SOLAR 323808	30.40 1.39 0.00	28.77 1.16 0.00	26.78 1.08 0.00	26.22 1.06 0.00	25.47 0.98 0.00	26.23 1.10 0.00	28.29 1.17 0.00	26.89 0.98 0.00	24.91 0.54 0.00	22.95 0.18 0.00	24.75 0.20 0.00	26.43 0.29 0.00	28.04 0.41 0.00	30.14 0.39 0.00	29.53 0.38 0.00	32.23 0.54 0.00	40.23 0.79 0.00	49.76 1.68 0.00	57.31 2.47 0.00	56.50 2.64 0.00	47.08 2.33 0.00	41.98 1.92 0.00	36.62 1.58 0.00	32.09 1.53 0.00
JARVIS____ 23743	29.89 0.18 -0.70	28.90 0.14 -1.15	27.11 0.13 -1.28	26.59 0.13 -1.30	25.94 0.12 -1.32	26.55 0.13 -1.30	29.19 0.14 -1.93	27.21 0.13 -1.18	25.20 0.10 -0.73	23.61 0.09 -0.75	25.29 0.07 -0.66	27.52 0.10 -1.27	28.88 0.11 -1.15	30.57 0.12 -0.70	29.95 0.09 -0.71	32.90 0.13 -1.07	40.59 0.20 -0.95	48.64 0.24 -0.32	55.49 0.28 -0.38	54.52 0.27 -0.39	45.68 0.32 -0.61	40.74 0.28 -0.40	35.65 0.21 -0.40	31.21 0.15 -0.50
JENNISON____1 23625	30.48 1.48 0.00	28.83 1.21 0.00	26.83 1.13 0.00	26.27 1.11 0.00	25.50 1.00 0.00	26.31 1.18 0.00	28.34 1.22 0.00	26.96 1.06 0.00	25.05 0.68 0.00	23.20 0.43 0.00	25.07 0.52 0.00	26.80 0.65 0.00	28.45 0.83 0.00	30.59 0.83 0.00	29.88 0.73 0.00	32.62 0.92 0.00	40.70 1.26 0.00	50.15 2.07 0.00	57.58 2.74 0.00	56.71 2.85 0.00	47.26 2.51 0.00	42.18 2.12 0.00	36.80 1.75 0.00	32.18 1.62 0.00
JENNISON____2 23626	30.48 1.48 0.00	28.83 1.21 0.00	26.83 1.13 0.00	26.27 1.11 0.00	25.50 1.00 0.00	26.31 1.18 0.00	28.34 1.22 0.00	26.96 1.06 0.00	25.05 0.68 0.00	23.20 0.43 0.00	25.07 0.52 0.00	26.80 0.65 0.00	28.45 0.83 0.00	30.59 0.83 0.00	29.88 0.73 0.00	32.62 0.92 0.00	40.70 1.26 0.00	50.15 2.07 0.00	57.58 2.74 0.00	56.71 2.85 0.00	47.26 2.51 0.00	42.18 2.12 0.00	36.80 1.75 0.00	32.18 1.62 0.00
JERICOHO_RISE_WT_PWR 323719	33.74 0.09 -4.65	35.34 0.14 -7.59	34.31 0.16 -8.46	33.92 0.18 -8.58	33.44 0.22 -8.73	33.96 0.25 -8.58	40.19 0.33 -12.74	34.08 0.41 -7.76	29.78 0.61 -4.80	28.33 0.64 -4.92	29.56 0.66 -4.34	35.21 0.71 -8.36	35.87 0.69 -7.56	35.04 0.68 -4.59	34.46 0.64 -4.66	39.54 0.76 -7.08	46.68 0.99 -6.25	51.37 1.15 -2.14	58.64 1.31 -2.49	57.75 1.29 -2.60	49.56 0.81 -4.00	43.35 0.68 -2.61	38.25 0.60 -2.61	34.35 0.49 -3.30
KATONAH__115KV_46KV_TB4 355592	30.46 1.45 0.00	28.91 1.30 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.64 1.15 0.00	26.26 1.13 0.00	28.31 1.19 0.00	27.12 1.22 0.00	25.59 1.22 0.00	24.04 1.27 0.00	25.98 1.42 0.00	27.64 1.49 0.00	29.31 1.68 0.00	31.72 1.96 0.00	31.05 1.89 0.00	33.85 2.16 0.00	42.39 2.80 -0.15	51.30 3.22 0.00	58.35 3.51 0.00	57.25 3.39 0.00	47.67 2.91 0.00	42.74 2.68 0.00	37.29 2.24 0.00	32.30 1.74 0.00
KCE_NY_1 323755	30.69 1.68 0.00	29.19 1.57 0.00	27.14 1.44 0.00	26.62 1.46 0.00	25.94 1.44 0.00	26.58 1.46 0.00	28.67 1.55 0.00	27.38 1.48 0.00	25.61 1.24 0.00	23.79 1.03 0.00	25.36 0.81 0.00	26.98 0.84 0.00	28.45 0.83 0.00	30.80 1.04 0.00	30.26 1.11 0.00	33.06 1.36 0.00	41.10 1.82 0.15	50.53 2.45 0.00	58.18 3.35 0.00	57.26 3.40 0.00	47.76 3.00 0.00	42.66 2.60 0.00	37.29 2.24 0.00	32.42 1.86 0.00
KCE_NY_6_ESR 323823	29.30 0.29 0.00	28.00 0.39 0.00	26.13 0.44 0.00	25.26 0.10 0.00	24.67 0.17 0.00	25.40 0.28 0.00	27.34 0.22 0.00	26.03 0.13 0.00	23.79 -0.59 0.00	22.08 -0.68 0.00	24.11 -0.44 0.00	25.70 -0.44 0.00	27.43 -0.19 0.00	29.52 -0.24 0.00	28.77 -0.38 0.00	30.81 -0.89 0.00	37.86 -1.58 0.00	45.92 -2.16 0.00	52.86 -1.97 0.00	51.44 -2.42 0.00	43.32 -1.43 0.00	38.38 -1.68 0.00	34.48 -0.56 0.00	31.02 0.46 0.00
KEDC PORT_JEFF_GT2 24210	30.77 1.77 0.00	28.88 1.27 0.00	26.75 1.05 0.00	26.37 1.21 0.00	25.76 1.27 0.00	26.18 1.06 0.00	28.15 1.03 0.00	27.12 1.22 0.00	25.78 1.41 0.00	24.59 1.82 0.00	26.53 1.97 -0.01	28.19 2.04 -0.01	30.67 2.24 -0.81	33.20 2.59 -0.86	35.21 2.45 -3.61	42.84 2.76 -8.39	44.47 3.59 -1.44	52.22 4.14 -0.01	59.22 4.39 0.00	58.06 4.20 0.00	48.21 3.45 -0.01	43.47 3.40 -0.01	37.93 2.87 -0.01	32.52 1.96 0.00
KEDC PORT_JEFF_GT3 24211	30.77 1.77 0.00	28.88 1.27 0.00	26.75 1.05 0.00	26.37 1.21 0.00	25.76 1.27 0.00	26.18 1.06 0.00	28.15 1.03 0.00	27.12 1.22 0.00	25.78 1.41 0.00	24.59 1.82 0.00	26.53 1.97 -0.01	28.19 2.04 -0.01	30.67 2.24 -0.81	33.20 2.59 -0.86	35.21 2.45 -3.61	42.84 2.76 -8.39	44.47 3.59 -1.44	52.22 4.14 -0.01	59.22 4.39 0.00	58.06 4.20 0.00	48.21 3.45 -0.01	43.47 3.40 -0.01	37.93 2.87 -0.01	32.52 1.96 0.00
KEDC_GLWD_GT4 24219	30.72 1.71 0.00	29.02 1.41 0.00	26.93 1.23 0.00	26.47 1.31 0.00	25.79 1.30 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.25 1.35 0.00	25.79 1.41 0.00	24.41 1.64 0.00	26.36 1.79 -0.02	28.05 1.88 -0.02	31.09 2.07 -1.39	34.31 2.38 -2.17	38.00 2.30 -6.55	48.71 2.54 -14.47	45.09 3.27 -2.38	51.56 3.46 -0.02	58.51 3.67 0.00	57.41 3.55 0.00	48.09 3.31 -0.02	43.20 3.13 -0.02	37.76 2.70 -0.02	32.58 2.02 0.00
KEDC_GLWD_GT5 24220	30.72 1.71 0.00	29.02 1.41 0.00	26.93 1.23 0.00	26.47 1.31 0.00	25.79 1.30 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.25 1.35 0.00	25.79 1.41 0.00	24.41 1.64 0.00	26.36 1.79 -0.02	28.05 1.88 -0.02	31.09 2.07 -1.39	34.31 2.38 -2.17	38.00 2.30 -6.55	48.71 2.54 -14.47	45.09 3.27 -2.38	51.56 3.46 -0.02	58.51 3.67 0.00	57.41 3.55 0.00	48.09 3.31 -0.02	43.20 3.13 -0.02	37.76 2.70 -0.02	32.58 2.02 0.00
KENSICO____ 23655	30.40 1.39 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.54 1.17 0.00	24.04 1.27 0.00	25.98 1.42 0.00	27.64 1.49 0.00	29.33 1.71 0.00	31.72 1.96 0.00	31.08 1.92 0.00	33.88 2.19 0.00	42.43 2.84 -0.15	51.25 3.17 0.00	58.18 3.34 0.00	57.15 3.29 0.00	47.58 2.82 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.24 1.68 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.66 1.65 0.00	29.10 1.49 0.00	27.03 1.34 0.00	26.49 1.33 0.00	25.77 1.27 0.00	26.36 1.23 0.00	28.45 1.33 0.00	27.15 1.24 0.00	25.52 1.15 0.00	23.93 1.16 0.00	25.83 1.28 0.00	27.48 1.33 0.00	29.20 1.57 0.00	31.60 1.85 0.00	30.90 1.75 0.00	33.79 2.09 0.00	42.40 2.88 -0.08	51.68 3.61 0.00	58.84 4.00 0.00	57.79 3.93 0.00	48.11 3.36 0.00	43.10 3.04 0.00	37.53 2.49 0.00	32.49 1.93 0.00

KIAC_JFK_GT1 23816	30.25 1.25 0.00	28.66 1.05 0.00	26.62 0.93 0.00	26.11 0.96 0.00	25.42 0.93 0.00	26.05 0.93 0.00	28.18 1.06 0.00	27.07 1.17 0.00	25.64 1.27 0.00	24.20 1.43 0.00	26.13 1.57 0.00	27.79 1.65 0.00	29.47 1.85 0.00	31.96 2.20 0.00	31.34 2.19 0.00	34.17 2.47 0.00	42.63 3.04 -0.15	51.30 3.22 0.00	58.24 3.40 0.00	57.20 3.34 0.00	47.58 2.82 0.00	42.74 2.68 0.00	37.36 2.31 0.00	32.27 1.71 0.00
KIAC_JFK_GT2 23817	30.25 1.25 0.00	28.66 1.05 0.00	26.62 0.93 0.00	26.11 0.96 0.00	25.42 0.93 0.00	26.05 0.93 0.00	28.18 1.06 0.00	27.07 1.17 0.00	25.64 1.27 0.00	24.20 1.43 0.00	26.13 1.57 0.00	27.79 1.65 0.00	29.47 1.85 0.00	31.96 2.20 0.00	31.34 2.19 0.00	34.17 2.47 0.00	42.63 3.04 -0.15	51.30 3.22 0.00	58.24 3.40 0.00	57.20 3.34 0.00	47.58 2.82 0.00	42.74 2.68 0.00	37.36 2.31 0.00	32.27 1.71 0.00
KIAC_JFK____ 323774	30.22 1.22 0.00	28.66 1.05 0.00	26.62 0.92 0.00	26.09 0.93 0.00	25.42 0.93 0.00	26.06 0.93 0.00	28.21 1.09 0.00	27.07 1.17 0.00	25.64 1.27 0.00	24.20 1.44 0.00	26.13 1.57 0.00	27.79 1.65 0.00	29.47 1.85 0.00	31.96 2.20 0.00	31.34 2.19 0.00	34.17 2.47 0.00	42.63 3.04 -0.15	51.30 3.22 0.00	58.24 3.40 0.00	57.20 3.34 0.00	47.58 2.82 0.00	42.70 2.64 0.00	37.36 2.31 0.00	32.27 1.71 0.00
KINTIGH__24_KV_GSU 356498	29.01 0.00 0.00	27.64 0.03 0.00	25.80 0.10 0.00	25.01 -0.15 0.00	24.37 -0.12 0.00	25.12 0.00 0.00	27.04 -0.08 0.00	25.83 -0.08 0.00	23.74 -0.63 0.00	22.06 -0.71 0.00	24.01 -0.54 0.00	25.59 -0.55 0.00	27.24 -0.39 0.00	29.28 -0.48 0.00	28.57 -0.58 0.00	30.62 -1.08 0.00	37.71 -1.73 0.00	45.82 -2.26 0.00	52.53 -2.30 0.00	51.17 -2.69 0.00	43.10 -1.66 0.00	38.26 -1.80 0.00	34.24 -0.80 0.00	30.59 0.03 0.00
KINTIGH____ 23543	28.95 -0.06 0.00	27.64 0.03 0.00	25.80 0.10 0.00	24.96 -0.20 0.00	24.37 -0.12 0.00	25.12 0.00 0.00	27.04 -0.08 0.00	25.83 -0.08 0.00	23.74 -0.63 0.00	22.06 -0.71 0.00	24.01 -0.54 0.00	25.60 -0.55 0.00	27.21 -0.41 0.00	29.28 -0.48 0.00	28.57 -0.58 0.00	30.62 -1.08 0.00	37.71 -1.74 0.00	45.77 -2.31 0.00	52.53 -2.30 0.00	51.17 -2.69 0.00	43.10 -1.66 0.00	38.18 -1.88 0.00	34.24 -0.81 0.00	30.59 0.03 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.45 0.64 -2.81	32.89 0.69 -4.58	31.47 0.67 -5.11	31.00 0.65 -5.18	30.50 0.73 -5.27	31.09 0.78 -5.18	35.74 0.92 -7.70	31.60 1.01 -4.69	28.49 1.22 -2.90	26.95 1.21 -2.97	28.48 1.30 -2.62	32.55 1.36 -5.05	33.57 1.38 -4.56	33.96 1.43 -2.77	33.31 1.34 -2.82	37.53 1.55 -4.28	45.23 2.01 -3.78	51.77 2.40 -1.29	59.08 2.74 -1.50	58.01 2.59 -1.57	49.05 1.88 -2.41	43.24 1.60 -1.58	38.02 1.40 -1.58	33.74 1.19 -1.99
LACHUTE____HYDRO 323717	32.17 3.16 0.00	30.51 2.90 0.00	28.37 2.67 0.00	27.88 2.72 0.00	27.19 2.69 0.00	27.91 2.79 0.00	30.05 2.93 0.00	28.65 2.74 0.00	26.61 2.24 0.00	24.59 1.82 0.00	25.90 1.35 0.00	27.58 1.44 0.00	28.98 1.35 0.00	31.51 1.76 0.00	31.02 1.87 0.00	34.04 2.35 0.00	42.44 3.16 0.15	52.65 4.57 0.00	61.47 6.63 0.00	60.54 6.68 0.00	50.57 5.82 0.00	45.02 4.97 0.00	39.28 4.24 0.00	34.07 3.51 0.00
LAWRNCAY_115KV_TB1 80681	62.46 0.03 -33.42	82.18 0.00 -54.57	86.54 0.03 -60.81	86.93 0.05 -61.72	87.31 0.05 -62.77	86.90 0.08 -61.70	118.86 0.11 -91.63	81.83 0.10 -55.82	59.16 0.27 -34.52	58.45 0.27 -35.41	56.02 0.27 -31.20	86.58 0.31 -60.12	82.27 0.30 -54.34	63.06 0.27 -33.03	62.95 0.26 -33.53	82.98 0.35 -50.94	84.88 0.47 -44.96	64.09 0.63 -15.39	73.50 0.77 -17.90	73.29 0.75 -18.67	73.83 0.31 -28.76	59.12 0.28 -18.78	54.02 0.18 -18.80	54.40 0.12 -23.71
LEDERLE____ 23769	30.40 1.39 0.00	28.86 1.24 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.23 1.11 0.00	27.04 1.14 0.00	25.49 1.12 0.00	23.97 1.21 0.00	25.90 1.35 0.00	27.58 1.44 0.00	29.28 1.66 0.00	31.69 1.93 0.00	31.02 1.87 0.00	33.82 2.12 0.00	42.34 2.76 -0.14	51.25 3.17 0.00	58.29 3.45 0.00	57.20 3.34 0.00	47.58 2.82 0.00	42.74 2.68 0.00	37.25 2.21 0.00	32.24 1.68 0.00
LIGHTHSE_115KV_TB6 355974	31.99 -0.03 -3.01	32.36 -0.17 -4.92	31.02 -0.15 -5.48	30.57 -0.15 -5.56	29.98 -0.17 -5.66	30.56 -0.13 -5.56	35.24 -0.14 -8.26	30.73 -0.21 -5.03	27.17 -0.32 -3.11	25.59 -0.36 -3.19	26.97 -0.39 -2.81	31.20 -0.37 -5.42	32.13 -0.39 -4.90	32.23 -0.51 -2.98	31.68 -0.50 -3.02	35.78 -0.51 -4.59	42.78 -0.71 -4.05	48.84 -0.63 -1.39	55.85 -0.60 -1.61	55.06 -0.48 -1.68	47.03 -0.31 -2.59	41.43 -0.32 -1.69	36.46 -0.28 -1.69	32.51 -0.18 -2.14
LINDEN COGEN____ 23786	30.37 1.36 0.00	28.80 1.19 0.00	26.74 1.05 0.01	26.22 1.06 0.00	25.55 1.05 0.00	26.16 1.03 0.00	28.21 1.09 0.00	27.07 1.17 0.00	25.59 1.22 0.00	24.16 1.39 0.00	26.05 1.50 0.00	27.74 1.60 0.00	29.42 1.79 0.00	31.87 2.11 0.00	31.25 2.10 0.00	34.04 2.35 0.00	42.63 3.04 -0.15	51.35 3.27 0.00	58.29 3.46 0.00	57.26 3.40 0.00	47.62 2.87 0.00	42.78 2.73 0.00	37.32 2.28 0.00	32.30 1.74 0.00
LINDHRST_69_KV_BK1 356055	31.06 2.06 0.00	29.19 1.57 0.00	27.06 1.36 0.00	26.62 1.46 0.00	25.96 1.47 0.00	26.41 1.28 0.00	28.45 1.33 0.00	27.38 1.48 0.00	25.98 1.61 0.00	24.73 1.96 0.00	26.70 2.14 -0.01	28.40 2.25 -0.01	30.98 2.46 -0.90	33.68 2.77 -1.16	35.93 2.65 -4.12	44.01 2.95 -9.37	44.86 3.83 -1.59	52.56 4.47 -0.01	59.66 4.83 0.00	58.49 4.63 0.00	48.57 3.80 -0.01	43.75 3.69 -0.01	38.21 3.15 -0.01	32.85 2.29 0.00
LIPA_MISC_IPP 23656	30.57 1.57 0.00	28.66 1.05 0.00	26.60 0.90 0.00	26.19 1.03 0.00	25.60 1.10 0.00	25.98 0.85 0.00	27.93 0.81 0.00	26.91 1.01 0.00	25.59 1.22 0.00	24.41 1.64 0.00	26.36 1.79 -0.01	27.99 1.83 -0.01	30.44 2.02 -0.80	32.96 2.35 -0.85	34.93 2.19 -3.59	42.59 2.54 -8.36	44.23 3.35 -1.43	51.89 3.80 -0.01	58.84 4.00 0.00	57.74 3.88 0.00	47.94 3.18 -0.01	43.27 3.20 -0.01	37.68 2.63 -0.01	32.30 1.74 0.00
LISF____SOLAR 323691	30.60 1.59 0.00	28.69 1.08 0.00	26.60 0.90 0.00	26.21 1.06 0.00	25.62 1.13 0.00	26.00 0.88 0.00	27.96 0.84 0.00	26.94 1.04 0.00	25.61 1.24 0.00	24.45 1.68 0.00	26.38 1.82 -0.01	28.01 1.86 -0.01	30.50 2.07 -0.81	32.99 2.38 -0.85	35.00 2.24 -3.60	42.63 2.57 -8.37	44.31 3.43 -1.44	52.03 3.94 -0.01	59.00 4.17 0.00	57.84 3.99 0.00	48.03 3.27 -0.01	43.35 3.29 -0.01	37.75 2.70 -0.01	32.33 1.77 0.00
LITTLE FALLS____HYD 24013	30.78 1.07 -0.70	29.73 0.97 -1.15	27.88 0.90 -1.28	27.34 0.88 -1.30	26.65 0.83 -1.32	27.33 0.90 -1.30	30.00 0.95 -1.93	27.96 0.88 -1.18	25.86 0.76 -0.73	24.20 0.68 -0.75	25.97 0.76 -0.66	28.25 0.84 -1.27	29.65 0.88 -1.15	31.38 0.92 -0.70	30.70 0.85 -0.71	33.75 0.98 -1.07	41.65 1.26 -0.95	50.04 1.63 -0.32	57.08 1.86 -0.38	56.14 1.89 -0.39	46.97 1.61 -0.61	41.90 1.44 -0.40	36.67 1.23 -0.40	32.13 1.07 -0.50

LITTLRIV_115KV_TB1 356100	61.28 0.35 -31.93	79.99 0.25 -52.13	84.05 0.26 -58.10	84.40 0.28 -58.97	84.71 0.24 -59.97	84.37 0.30 -58.94	115.01 0.35 -87.54	79.54 0.31 -53.33	57.76 0.41 -32.97	56.96 0.36 -33.83	54.73 0.37 -29.80	84.03 0.44 -57.44	79.98 0.44 -51.92	61.73 0.42 -31.55	61.60 0.41 -32.04	80.90 0.54 -48.66	83.18 0.79 -42.95	63.93 1.15 -14.70	73.42 1.48 -17.10	73.21 1.51 -17.84	73.12 0.90 -27.47	58.80 0.80 -17.94	53.56 0.56 -17.96	53.67 0.46 -22.65
LI_NEWBRDGE___DRP 323616	30.60 1.60 0.00	28.80 1.19 0.00	26.73 1.03 0.00	26.27 1.11 0.00	25.62 1.13 0.00	26.10 0.98 0.00	28.12 1.00 0.00	27.04 1.14 0.00	25.64 1.27 0.00	24.36 1.59 0.00	26.28 1.72 -0.01	27.93 1.78 -0.01	30.30 1.93 -0.75	32.61 2.20 -0.65	34.53 2.10 -3.28	41.75 2.28 -7.78	43.70 2.92 -1.35	51.45 3.37 -0.01	58.46 3.62 0.00	57.36 3.50 0.00	47.63 2.86 -0.01	42.87 2.80 -0.01	37.61 2.56 -0.01	32.39 1.83 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.24 0.23 0.00	28.00 0.39 0.00	26.13 0.44 0.00	25.23 0.08 0.00	24.66 0.17 0.00	25.43 0.30 0.00	27.34 0.22 0.00	25.77 -0.13 0.00	23.62 -0.76 0.00	21.92 -0.84 0.00	23.87 -0.69 0.00	25.44 -0.71 0.00	27.10 -0.52 0.00	29.19 -0.57 0.00	28.45 -0.70 0.00	30.43 -1.27 0.00	37.39 -2.05 0.00	45.29 -2.79 0.00	52.09 -2.74 0.00	50.68 -3.18 0.00	42.79 -1.97 0.00	37.81 -2.24 0.00	34.10 -0.95 0.00	30.87 0.31 0.00
LOCKPORT___CC1 323769	29.03 0.03 0.00	27.95 0.33 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.62 0.12 0.00	25.38 0.25 0.00	27.31 0.19 0.00	25.90 0.00 0.00	23.62 -0.76 0.00	21.93 -0.84 0.00	23.89 -0.66 0.00	25.44 -0.70 0.00	27.15 -0.47 0.00	29.19 -0.57 0.00	28.45 -0.70 0.00	30.43 -1.27 0.00	37.39 -2.05 0.00	45.34 -2.74 0.00	52.10 -2.74 0.00	50.68 -3.18 0.00	42.79 -1.97 0.00	37.89 -2.16 0.00	34.13 -0.91 0.00	30.83 0.27 0.00
LOCKPORT___CC2 323770	29.03 0.03 0.00	27.95 0.33 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.62 0.12 0.00	25.38 0.25 0.00	27.31 0.19 0.00	25.90 0.00 0.00	23.62 -0.76 0.00	21.93 -0.84 0.00	23.89 -0.66 0.00	25.44 -0.70 0.00	27.15 -0.47 0.00	29.19 -0.57 0.00	28.45 -0.70 0.00	30.43 -1.27 0.00	37.39 -2.05 0.00	45.34 -2.74 0.00	52.10 -2.74 0.00	50.68 -3.18 0.00	42.79 -1.97 0.00	37.89 -2.16 0.00	34.13 -0.91 0.00	30.83 0.27 0.00
LOCKPORT___CC3 323771	29.03 0.03 0.00	27.95 0.33 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.62 0.12 0.00	25.38 0.25 0.00	27.31 0.19 0.00	25.90 0.00 0.00	23.62 -0.76 0.00	21.93 -0.84 0.00	23.89 -0.66 0.00	25.44 -0.70 0.00	27.15 -0.47 0.00	29.19 -0.57 0.00	28.45 -0.70 0.00	30.43 -1.27 0.00	37.39 -2.05 0.00	45.34 -2.74 0.00	52.10 -2.74 0.00	50.68 -3.18 0.00	42.79 -1.97 0.00	37.89 -2.16 0.00	34.13 -0.91 0.00	30.83 0.27 0.00
LOCUSVLY_69_KV_BK2 55797	30.83 1.83 0.00	29.08 1.46 0.00	26.98 1.28 0.00	26.52 1.36 0.00	25.84 1.35 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.30 1.40 0.00	25.86 1.49 0.00	24.52 1.75 0.00	26.51 1.94 -0.01	28.20 2.04 -0.02	31.09 2.24 -1.24	34.13 2.53 -1.84	37.37 2.45 -5.77	47.19 2.66 -12.84	44.92 3.35 -2.12	51.84 3.75 -0.02	58.89 4.06 0.00	57.79 3.93 0.00	48.13 3.36 -0.02	43.32 3.24 -0.02	37.90 2.84 -0.02	32.67 2.11 0.00
LONG_LAKE_PHOENIX 24014	29.70 -0.32 -1.01	28.99 -0.28 -1.65	27.28 -0.26 -1.84	26.75 -0.28 -1.87	26.12 -0.27 -1.90	26.71 -0.28 -1.87	29.59 -0.30 -2.77	27.28 -0.31 -1.69	25.00 -0.41 -1.04	23.41 -0.43 -1.07	25.06 -0.44 -0.94	27.49 -0.47 -1.82	28.77 -0.50 -1.64	30.16 -0.60 -1.00	29.61 -0.55 -1.01	32.57 -0.67 -1.54	39.89 -0.91 -1.36	47.53 -1.01 -0.46	54.33 -1.04 -0.54	53.45 -0.97 -0.56	44.91 -0.72 -0.87	39.91 -0.72 -0.57	35.05 -0.56 -0.57	30.88 -0.40 -0.72
LOVETT___3 23632	30.28 1.28 0.00	28.72 1.10 0.00	26.70 1.00 0.00	26.17 1.01 0.00	25.47 0.98 0.00	26.08 0.95 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.42 1.05 0.00	23.91 1.14 0.00	25.83 1.28 0.00	27.50 1.36 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.90 1.75 0.00	33.69 2.00 0.00	42.19 2.60 -0.14	50.96 2.88 0.00	57.96 3.13 0.00	56.88 3.02 0.00	47.31 2.55 0.00	42.50 2.44 0.00	37.08 2.03 0.00	32.09 1.53 0.00
LOVETT___4 23642	30.28 1.28 0.00	28.72 1.10 0.00	26.70 1.00 0.00	26.17 1.01 0.00	25.47 0.98 0.00	26.08 0.95 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.42 1.05 0.00	23.91 1.14 0.00	25.83 1.28 0.00	27.50 1.36 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.90 1.75 0.00	33.69 2.00 0.00	42.19 2.60 -0.14	50.96 2.88 0.00	57.96 3.13 0.00	56.88 3.02 0.00	47.31 2.55 0.00	42.50 2.44 0.00	37.08 2.03 0.00	32.09 1.53 0.00
LOVETT___5 23593	30.28 1.28 0.00	28.72 1.10 0.00	26.70 1.00 0.00	26.17 1.01 0.00	25.47 0.98 0.00	26.08 0.95 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.42 1.05 0.00	23.91 1.14 0.00	25.83 1.28 0.00	27.50 1.36 0.00	29.17 1.55 0.00	31.57 1.82 0.00	30.90 1.75 0.00	33.69 2.00 0.00	42.19 2.60 -0.14	50.96 2.88 0.00	57.96 3.13 0.00	56.88 3.02 0.00	47.31 2.55 0.00	42.50 2.44 0.00	37.08 2.03 0.00	32.09 1.53 0.00
LOWER RAQUET___HYD 24057	59.62 0.09 -30.53	77.48 0.03 -49.84	81.29 0.05 -55.54	81.61 0.08 -56.37	81.90 0.07 -57.33	81.58 0.10 -56.35	110.92 0.11 -83.69	77.01 0.13 -50.98	56.19 0.29 -31.52	55.41 0.30 -32.34	53.34 0.30 -28.49	81.39 0.34 -54.91	77.59 0.33 -49.63	60.22 0.30 -30.17	60.07 0.29 -30.63	78.60 0.38 -46.52	81.06 0.55 -41.06	62.90 0.77 -14.06	72.06 0.87 -16.35	71.77 0.86 -17.05	57.42 0.40 -26.26	57.57 0.36 -17.15	52.46 0.25 -17.17	52.40 0.18 -21.66
LOWER___HUDSON 24059	30.08 1.07 0.00	28.63 1.02 0.00	26.62 0.92 0.00	26.09 0.93 0.00	25.40 0.91 0.00	26.03 0.90 0.00	28.15 1.03 0.00	26.86 0.96 0.00	25.25 0.88 0.00	23.54 0.77 0.00	25.24 0.69 0.00	26.82 0.68 0.00	28.31 0.69 0.00	30.62 0.86 0.00	30.03 0.87 0.00	32.71 1.01 0.00	40.59 1.34 0.19	49.76 1.68 0.00	56.87 2.03 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.70 1.64 0.00	36.41 1.37 0.00	31.69 1.13 0.00
LOWVILLE_115KV_TB2 356335	38.05 0.35 -8.70	41.87 0.06 -14.20	41.63 0.10 -15.83	41.35 0.13 -16.06	40.85 0.02 -16.34	41.33 0.15 -16.06	51.10 0.14 -23.85	40.51 0.08 -14.53	33.38 0.02 -8.98	32.08 0.09 -9.22	32.77 0.10 -8.12	41.98 0.18 -15.65	42.01 0.25 -14.14	38.33 -0.03 -8.60	37.79 -0.09 -8.73	45.02 0.06 -13.26	51.34 0.20 -11.70	52.80 0.72 -4.00	60.43 0.93 -4.66	59.74 1.02 -4.86	52.87 0.63 -7.48	45.47 0.52 -4.89	40.15 0.21 -4.89	36.98 0.24 -6.17
LUTHERFT_115KV_GLOB_FND_222 355753	30.69 1.68 0.00	29.16 1.55 0.00	27.14 1.44 0.00	26.62 1.46 0.00	25.91 1.42 0.00	26.58 1.46 0.00	28.67 1.55 0.00	27.35 1.45 0.00	25.59 1.22 0.00	23.79 1.02 0.00	25.36 0.81 0.00	26.98 0.84 0.00	28.45 0.83 0.00	30.80 1.04 0.00	30.23 1.08 0.00	33.03 1.33 0.00	41.06 1.77 0.15	50.53 2.45 0.00	58.13 3.29 0.00	57.20 3.34 0.00	47.75 3.00 0.00	42.66 2.60 0.00	37.25 2.21 0.00	32.39 1.83 0.00

LUTHERNY_35_KV_BK2 355980	30.72 1.71 0.00	29.19 1.57 0.00	27.14 1.44 0.00	26.62 1.46 0.00	25.94 1.45 0.00	26.58 1.46 0.00	28.67 1.55 0.00	27.38 1.48 0.00	25.62 1.24 0.00	23.79 1.02 0.00	25.36 0.81 0.00	26.98 0.84 0.00	28.45 0.83 0.00	30.80 1.04 0.00	30.26 1.11 0.00	33.06 1.36 0.00	41.10 1.81 0.15	50.53 2.45 0.00	58.18 3.34 0.00	57.25 3.39 0.00	47.75 3.00 0.00	42.66 2.60 0.00	37.29 2.24 0.00	32.42 1.86 0.00
LWR___OSWEGATCHIE_HYD 23850	49.93 0.23 -20.69	61.43 0.03 -33.79	63.40 0.05 -37.65	63.45 0.08 -38.22	63.38 0.02 -38.87	63.43 0.10 -38.20	83.96 0.11 -56.73	60.54 0.08 -34.56	45.84 0.10 -21.37	44.81 0.11 -21.93	43.99 0.12 -19.32	63.55 0.18 -37.23	61.46 0.19 -33.65	50.27 0.06 -20.45	49.94 0.03 -20.76	63.39 0.16 -31.54	67.56 0.28 -27.84	58.28 0.67 -9.53	66.80 0.88 -11.08	66.34 0.92 -11.56	63.05 0.49 -17.80	52.13 0.44 -11.63	46.89 0.21 -11.64	45.43 0.18 -14.68
LYONS_FALL_HYD 23570	35.27 0.46 -5.80	37.33 0.25 -9.47	36.50 0.26 -10.55	36.14 0.28 -10.71	35.58 0.20 -10.89	36.13 0.30 -10.70	43.34 0.33 -15.89	35.82 0.23 -9.68	30.51 0.15 -5.99	29.07 0.16 -6.14	30.14 0.17 -5.41	36.83 0.26 -10.43	37.35 0.30 -9.43	35.64 0.15 -5.73	35.06 0.09 -5.82	40.75 0.22 -8.84	47.63 0.39 -7.80	51.61 0.87 -2.67	59.09 1.15 -3.10	58.28 1.18 -3.24	50.59 0.85 -4.99	44.04 0.72 -3.26	38.76 0.45 -3.26	35.10 0.43 -4.11
MADISON___COUNTY_LFGE 323628	31.64 0.75 -1.88	31.29 0.61 -3.07	29.71 0.59 -3.42	29.24 0.60 -3.47	28.56 0.54 -3.53	29.23 0.63 -3.47	32.93 0.65 -5.16	29.59 0.54 -3.14	26.70 0.39 -1.94	25.03 0.27 -1.99	26.63 0.32 -1.76	29.92 0.39 -3.38	31.15 0.47 -3.06	32.06 0.45 -1.86	31.45 0.41 -1.89	35.10 0.54 -2.87	42.64 0.67 -2.53	50.10 1.15 -0.86	57.32 1.48 -1.00	56.47 1.56 -1.05	47.71 1.34 -1.61	42.24 1.12 -1.06	36.94 0.84 -1.06	32.69 0.79 -1.33
MALONE___115KV_TB1 356076	40.62 0.46 -11.15	46.31 0.50 -18.20	46.47 0.49 -20.28	46.22 0.48 -20.58	45.97 0.54 -20.93	46.28 0.58 -20.58	58.38 0.71 -30.56	45.30 0.78 -18.62	36.86 0.97 -11.51	35.53 0.96 -11.81	35.97 1.01 -10.40	47.24 1.05 -20.05	46.82 1.08 -18.12	41.85 1.07 -11.02	41.36 1.02 -11.18	49.86 1.17 -16.99	55.97 1.54 -14.99	55.09 1.88 -5.13	62.89 2.08 -5.97	62.08 1.99 -6.23	55.69 1.34 -9.59	47.48 1.16 -6.26	42.33 1.02 -6.27	39.29 0.83 -7.91
MAPLEWOD_115KV_TB3 80458	29.67 0.67 0.00	28.28 0.66 0.00	26.31 0.62 0.00	25.81 0.65 0.00	25.11 0.61 0.00	25.73 0.60 0.00	27.77 0.65 0.00	26.50 0.60 0.00	24.91 0.54 0.00	23.27 0.50 0.00	25.00 0.44 0.00	26.59 0.44 0.00	28.09 0.47 0.00	30.32 0.57 0.00	29.76 0.61 0.00	32.39 0.70 0.00	40.22 0.91 0.13	49.18 1.11 0.00	56.10 1.26 0.00	55.15 1.29 0.00	45.96 1.21 0.00	41.18 1.12 0.00	35.95 0.91 0.00	31.26 0.70 0.00
MAPLE_RIDGE_WT_1 323574	28.89 -0.12 0.00	27.50 -0.11 0.00	25.62 -0.08 0.00	25.11 -0.05 0.00	24.47 -0.02 0.00	25.10 -0.03 0.00	27.12 0.00 0.00	25.90 0.00 0.00	24.40 0.02 0.00	22.79 0.02 0.00	24.58 0.02 0.00	26.14 0.00 0.00	27.62 0.00 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.70 0.00 0.00	39.44 0.00 0.00	48.08 0.00 0.00	54.84 0.00 0.00	53.81 -0.05 0.00	44.67 -0.09 0.00	39.94 -0.12 0.00	34.94 -0.10 0.00	30.47 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	28.89 -0.12 0.00	27.50 -0.11 0.00	25.62 -0.08 0.00	25.11 -0.05 0.00	24.47 -0.02 0.00	25.10 -0.03 0.00	27.12 0.00 0.00	25.90 0.00 0.00	24.40 0.02 0.00	22.79 0.02 0.00	24.58 0.02 0.00	26.14 0.00 0.00	27.62 0.00 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.70 0.00 0.00	39.44 0.00 0.00	48.08 0.00 0.00	54.84 0.00 0.00	53.81 -0.05 0.00	44.67 -0.09 0.00	39.94 -0.12 0.00	34.94 -0.10 0.00	30.47 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	31.85 0.44 -2.41	32.05 0.50 -3.94	30.60 0.51 -4.39	30.11 0.50 -4.45	29.61 0.59 -4.53	30.23 0.65 -4.45	34.52 0.79 -6.61	30.84 0.91 -4.03	27.98 1.12 -2.49	26.46 1.14 -2.55	28.06 1.25 -2.25	31.79 1.31 -4.34	32.87 1.33 -3.92	33.48 1.34 -2.38	32.82 1.25 -2.42	36.83 1.46 -3.67	44.54 1.85 -3.24	51.40 2.21 -1.11	58.65 2.52 -1.29	57.63 2.43 -1.35	48.53 1.70 -2.07	42.90 1.48 -1.35	37.70 1.30 -1.36	33.40 1.13 -1.71
MARSHVLE_115KV_TB1 80742	30.22 1.22 0.00	28.66 1.05 0.00	26.67 0.98 0.00	26.17 1.01 0.00	25.47 0.98 0.00	26.16 1.03 0.00	28.21 1.08 0.00	26.68 0.78 0.00	24.54 0.17 0.00	22.54 -0.23 0.00	24.06 -0.49 0.00	25.67 -0.47 0.00	27.15 -0.47 0.00	29.40 -0.36 0.00	28.89 -0.26 0.00	31.66 -0.03 0.00	39.68 0.32 0.08	49.33 1.25 0.00	57.41 2.58 0.00	56.82 2.96 0.00	47.31 2.55 0.00	42.22 2.16 0.00	36.80 1.75 0.00	31.97 1.41 0.00
MARSH_HILL_WT_PWR 323713	29.87 0.87 0.00	28.41 0.80 0.00	26.49 0.80 0.00	25.74 0.58 0.00	25.11 0.61 0.00	25.85 0.73 0.00	27.85 0.73 0.00	26.50 0.60 0.00	24.28 -0.10 0.00	22.40 -0.37 0.00	24.33 -0.22 0.00	25.96 -0.18 0.00	27.68 0.06 0.00	29.79 0.03 0.00	29.15 0.00 0.00	31.41 -0.29 0.00	38.77 -0.67 0.00	47.45 -0.63 0.00	54.84 0.00 0.00	53.81 -0.05 0.00	45.07 0.32 0.00	40.02 -0.04 0.00	35.53 0.49 0.00	31.63 1.07 0.00
MCINTYRE_115KV_TB2 80467	63.60 0.41 -34.19	83.76 0.33 -55.82	88.23 0.33 -62.20	88.65 0.35 -63.13	88.99 0.29 -64.21	88.61 0.38 -63.11	121.28 0.43 -93.72	83.36 0.36 -57.10	60.12 0.44 -35.31	59.35 0.36 -36.22	56.83 0.37 -31.91	88.06 0.42 -61.50	83.62 0.41 -55.59	63.96 0.42 -33.79	63.86 0.41 -34.30	84.37 0.57 -52.10	86.30 0.87 -45.99	65.12 1.30 -15.74	74.79 1.65 -18.31	74.63 1.67 -19.10	75.24 1.07 -29.41	60.19 0.92 -19.21	54.94 0.67 -19.23	55.33 0.52 -24.25
MECO_____69_KV_BK1 80468	30.66 1.65 0.00	29.10 1.49 0.00	27.06 1.36 0.00	26.54 1.38 0.00	25.84 1.35 0.00	26.56 1.43 0.00	28.61 1.49 0.00	27.12 1.22 0.00	25.01 0.63 0.00	22.95 0.18 0.00	24.41 -0.15 0.00	25.96 -0.18 0.00	27.40 -0.22 0.00	29.73 -0.03 0.00	29.33 0.17 0.00	32.20 0.51 0.00	40.42 1.06 0.09	50.24 2.16 0.00	58.35 3.51 0.00	57.63 3.77 0.00	47.98 3.22 0.00	42.82 2.76 0.00	37.36 2.31 0.00	32.42 1.86 0.00
MENANDS___115KV_TB5 355628	29.53 0.52 0.00	28.16 0.55 0.00	26.21 0.51 0.00	25.69 0.53 0.00	24.98 0.49 0.00	25.60 0.48 0.00	27.64 0.52 0.00	26.39 0.49 0.00	24.81 0.44 0.00	23.18 0.41 0.00	24.95 0.39 0.00	26.51 0.37 0.00	28.01 0.39 0.00	30.23 0.48 0.00	29.65 0.50 0.00	32.30 0.60 0.00	40.06 0.75 0.13	48.94 0.87 0.00	55.77 0.93 0.00	54.83 0.97 0.00	45.70 0.94 0.00	40.94 0.88 0.00	35.74 0.70 0.00	31.08 0.52 0.00
MG INDUSTRY___DRP 24185	29.61 0.61 0.00	28.22 0.61 0.00	26.26 0.57 0.00	25.74 0.58 0.00	25.06 0.56 0.00	25.68 0.55 0.00	27.69 0.57 0.00	26.39 0.49 0.00	24.76 0.39 0.00	23.09 0.32 0.00	24.82 0.27 0.00	26.38 0.24 0.00	27.87 0.25 0.00	30.09 0.33 0.00	29.53 0.38 0.00	32.14 0.44 0.00	40.00 0.63 0.07	48.90 0.82 0.00	55.82 0.99 0.00	54.88 1.02 0.00	45.74 0.98 0.00	40.98 0.92 0.00	35.81 0.77 0.00	31.17 0.61 0.00

MID___OSWEGATCHIE_HYD 23849	49.93 0.23 -20.69	61.43 0.03 -33.79	63.40 0.05 -37.65	63.45 0.08 -38.22	63.38 0.02 -38.87	63.43 0.10 -38.20	83.96 0.11 -56.73	60.54 0.08 -34.56	45.84 0.10 -21.37	44.81 0.11 -21.93	43.99 0.12 -19.32	63.55 0.18 -37.23	61.46 0.19 -33.65	50.27 0.06 -20.45	49.94 0.03 -20.76	63.39 0.16 -31.54	67.56 0.28 -27.84	58.28 0.67 -9.53	66.80 0.88 -11.08	66.34 0.92 -11.56	63.05 0.49 -17.80	52.13 0.44 -11.63	46.89 0.21 -11.64	45.43 0.18 -14.68
MID___RAQUETTE_HYD 23851	59.62 0.09 -30.53	77.48 0.03 -49.84	81.29 0.05 -55.54	81.61 0.08 -56.37	81.90 0.07 -57.33	81.58 0.10 -56.35	110.94 0.14 -83.69	77.01 0.13 -50.98	56.19 0.29 -31.52	55.41 0.30 -32.34	53.34 0.29 -28.49	81.40 0.34 -54.91	77.59 0.33 -49.63	60.22 0.30 -30.17	60.07 0.29 -30.63	78.60 0.38 -46.52	81.06 0.55 -41.06	62.90 0.77 -14.06	72.06 0.88 -16.35	71.77 0.86 -17.05	71.42 0.40 -26.26	57.57 0.36 -17.15	52.46 0.25 -17.17	52.40 0.18 -21.66
MILLIKEN___1 23584	29.64 0.64 0.00	28.19 0.58 0.00	26.24 0.54 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.63 0.50 0.00	27.66 0.54 0.00	26.37 0.47 0.00	24.57 0.19 0.00	22.79 0.02 0.00	24.63 0.07 0.00	26.25 0.10 0.00	27.84 0.22 0.00	29.97 0.21 0.00	29.39 0.23 0.00	31.92 0.22 0.00	39.64 0.20 0.00	48.61 0.53 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.70 0.94 0.00	40.74 0.68 0.00	35.71 0.67 0.00	31.29 0.73 0.00
MILLIKEN___2 23585	29.64 0.64 0.00	28.19 0.58 0.00	26.24 0.54 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.63 0.50 0.00	27.66 0.54 0.00	26.37 0.47 0.00	24.57 0.19 0.00	22.79 0.02 0.00	24.63 0.07 0.00	26.25 0.10 0.00	27.84 0.22 0.00	29.97 0.21 0.00	29.39 0.23 0.00	31.92 0.22 0.00	39.64 0.20 0.00	48.61 0.53 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.70 0.94 0.00	40.74 0.68 0.00	35.71 0.67 0.00	31.29 0.73 0.00
MILLIKEN___DIESEL 23629	29.64 0.64 0.00	28.19 0.58 0.00	26.24 0.54 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.63 0.50 0.00	27.66 0.54 0.00	26.37 0.47 0.00	24.57 0.19 0.00	22.79 0.02 0.00	24.63 0.07 0.00	26.25 0.10 0.00	27.84 0.22 0.00	29.97 0.21 0.00	29.39 0.23 0.00	31.92 0.22 0.00	39.64 0.20 0.00	48.61 0.53 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.70 0.94 0.00	40.74 0.68 0.00	35.71 0.67 0.00	31.29 0.73 0.00
MILLSEAT___LFGE 323607	29.47 0.46 0.00	28.33 0.72 0.00	26.44 0.75 0.00	25.61 0.45 0.00	24.98 0.49 0.00	25.75 0.63 0.00	27.75 0.62 0.00	26.27 0.36 0.00	23.98 -0.39 0.00	22.27 -0.50 0.00	24.21 -0.34 0.00	25.78 -0.37 0.00	27.51 -0.11 0.00	29.58 -0.18 0.00	28.86 -0.29 0.00	30.97 -0.73 0.00	38.10 -1.34 0.00	46.44 -1.63 0.00	53.52 -1.32 0.00	52.08 -1.78 0.00	43.81 -0.94 0.00	38.82 -1.24 0.00	34.80 -0.24 0.00	31.32 0.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.34 1.33 0.00	28.77 1.16 0.00	26.75 1.05 0.00	26.24 1.08 0.00	25.55 1.05 0.00	26.13 1.00 0.00	28.21 1.08 0.00	27.02 1.11 0.00	25.49 1.12 0.00	23.97 1.21 0.00	25.90 1.35 0.00	27.56 1.41 0.00	29.22 1.60 0.00	31.63 1.87 0.00	30.99 1.84 0.00	33.76 2.06 0.00	42.27 2.68 -0.15	51.11 3.03 0.00	58.07 3.24 0.00	56.98 3.12 0.00	47.44 2.69 0.00	42.62 2.56 0.00	37.15 2.10 0.00	32.18 1.62 0.00
MILLWOOD_13_KV_LOAD 356217	30.40 1.39 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.52 1.15 0.00	24.02 1.25 0.00	25.93 1.38 0.00	27.61 1.46 0.00	29.28 1.66 0.00	31.69 1.93 0.00	31.02 1.87 0.00	33.82 2.12 0.00	42.35 2.76 -0.15	51.20 3.13 0.00	58.18 3.34 0.00	57.15 3.29 0.00	47.53 2.77 0.00	42.70 2.64 0.00	37.22 2.17 0.00	32.24 1.68 0.00
MODEL_CITY_ENERGY 24167	28.77 -0.23 0.00	27.86 0.25 0.00	26.03 0.33 0.00	25.13 -0.03 0.00	24.54 0.05 0.00	25.30 0.18 0.00	27.23 0.11 0.00	25.72 -0.18 0.00	23.45 -0.93 0.00	21.74 -1.02 0.00	23.67 -0.88 0.00	25.23 -0.92 0.00	26.90 -0.72 0.00	28.93 -0.83 0.00	28.19 -0.96 0.00	30.11 -1.58 0.00	37.00 -2.45 0.00	44.86 -3.22 0.00	51.55 -3.29 0.00	50.09 -3.77 0.00	42.34 -2.42 0.00	37.49 -2.56 0.00	33.78 -1.26 0.00	30.65 0.09 0.00
MODERN_LFGE___ 323580	28.77 -0.23 0.00	27.86 0.25 0.00	26.03 0.33 0.00	25.13 -0.03 0.00	24.54 0.05 0.00	25.30 0.18 0.00	27.23 0.11 0.00	25.72 -0.18 0.00	23.45 -0.93 0.00	21.74 -1.02 0.00	23.67 -0.88 0.00	25.23 -0.92 0.00	26.90 -0.72 0.00	28.93 -0.83 0.00	28.19 -0.96 0.00	30.11 -1.58 0.00	37.00 -2.45 0.00	44.86 -3.22 0.00	51.55 -3.29 0.00	50.09 -3.77 0.00	42.34 -2.42 0.00	37.49 -2.56 0.00	33.78 -1.26 0.00	30.65 0.09 0.00
MOHAWK_PAPER___DRP 24187	29.67 0.67 0.00	28.28 0.66 0.00	26.31 0.62 0.00	25.81 0.65 0.00	25.11 0.61 0.00	25.73 0.60 0.00	27.77 0.65 0.00	26.50 0.60 0.00	24.91 0.54 0.00	23.27 0.50 0.00	25.00 0.44 0.00	26.59 0.44 0.00	28.09 0.47 0.00	30.32 0.57 0.00	29.76 0.61 0.00	32.39 0.70 0.00	40.22 0.91 0.13	49.18 1.11 0.00	56.10 1.26 0.00	55.15 1.29 0.00	45.96 1.21 0.00	41.18 1.12 0.00	35.95 0.91 0.00	31.26 0.70 0.00
MOHICAN___35_KV_115KV_LD 80490	31.21 2.20 0.00	29.66 2.04 0.00	27.57 1.88 0.00	27.05 1.89 0.00	26.35 1.86 0.00	27.06 1.93 0.00	29.16 2.03 0.00	27.82 1.92 0.00	25.98 1.61 0.00	24.09 1.32 0.00	25.46 0.91 0.00	27.11 0.97 0.00	28.53 0.91 0.00	30.95 1.19 0.00	30.38 1.22 0.00	33.25 1.55 0.00	41.41 2.13 0.16	51.11 3.03 0.00	59.33 4.50 0.00	58.38 4.52 0.00	48.78 4.03 0.00	43.50 3.45 0.00	37.99 2.94 0.00	33.01 2.44 0.00
MONGAUP___HYD 23641	30.34 1.33 0.00	28.80 1.19 0.00	26.78 1.08 0.00	26.24 1.08 0.00	25.52 1.03 0.00	26.10 0.98 0.00	28.18 1.06 0.00	26.89 0.98 0.00	25.25 0.88 0.00	23.63 0.86 0.00	25.49 0.93 0.00	27.11 0.97 0.00	28.78 1.16 0.00	31.13 1.37 0.00	30.49 1.34 0.00	33.31 1.62 0.00	41.81 2.25 -0.12	50.96 2.88 0.00	58.13 3.29 0.00	57.15 3.29 0.00	47.58 2.82 0.00	42.58 2.53 0.00	37.11 2.07 0.00	32.18 1.62 0.00
MONTAUK___DIESEL 23721	31.36 2.35 0.00	29.38 1.77 0.00	27.21 1.52 0.00	26.82 1.66 0.00	26.23 1.74 0.00	26.56 1.43 0.00	28.50 1.38 0.00	27.51 1.61 0.00	26.20 1.83 0.00	25.09 2.32 0.00	27.14 2.58 -0.01	28.80 2.64 -0.01	31.38 2.96 -0.80	33.91 3.30 -0.85	35.93 3.18 -3.60	43.67 3.61 -8.36	45.61 4.73 -1.44	53.62 5.53 -0.01	60.76 5.92 0.00	59.57 5.71 0.00	49.42 4.65 -0.01	44.63 4.57 -0.01	38.73 3.68 -0.01	33.16 2.60 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.76 0.75 0.00	28.47 0.86 0.00	26.57 0.87 0.00	25.64 0.48 0.00	25.08 0.59 0.00	25.85 0.73 0.00	27.77 0.65 0.00	26.55 0.65 0.00	24.25 -0.12 0.00	22.47 -0.30 0.00	24.60 0.05 0.00	26.28 0.13 0.00	28.04 0.41 0.00	30.17 0.42 0.00	29.41 0.26 0.00	31.57 -0.13 0.00	38.81 -0.63 0.00	47.07 -1.01 0.00	54.29 -0.55 0.00	52.84 -1.02 0.00	44.26 -0.49 0.00	39.18 -0.88 0.00	35.18 0.14 0.00	31.51 0.95 0.00

MORRIS_RIDGE___SOLAR 323848	29.44 0.44 0.00	28.05 0.44 0.00	26.16 0.46 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.50 0.38 0.00	27.47 0.35 0.00	26.11 0.21 0.00	23.86 -0.51 0.00	22.04 -0.73 0.00	23.96 -0.59 0.00	25.57 -0.58 0.00	27.24 -0.39 0.00	29.31 -0.45 0.00	28.66 -0.50 0.00	30.84 -0.85 0.00	38.02 -1.42 0.00	46.44 -1.63 0.00	53.68 -1.15 0.00	52.62 -1.24 0.00	44.13 -0.63 0.00	39.18 -0.88 0.00	34.90 -0.14 0.00	31.14 0.58 0.00
MORTIMER_115KV_TB3 55949	29.21 0.20 0.00	27.83 0.22 0.00	25.93 0.23 0.00	25.21 0.05 0.00	24.59 0.10 0.00	25.30 0.18 0.00	27.28 0.16 0.00	26.03 0.13 0.00	24.06 -0.32 0.00	22.40 -0.36 0.00	24.31 -0.25 0.00	25.88 -0.26 0.00	27.51 -0.11 0.00	29.58 -0.18 0.00	28.92 -0.23 0.00	31.19 -0.51 0.00	38.49 -0.95 0.00	47.02 -1.06 0.00	54.01 -0.82 0.00	52.73 -1.13 0.00	44.17 -0.58 0.00	39.22 -0.84 0.00	34.83 -0.21 0.00	30.84 0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.54 1.54 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.20 1.43 0.00	26.15 1.60 0.00	27.82 1.67 0.00	29.50 1.88 0.00	31.96 2.20 0.00	31.31 2.16 0.00	34.10 2.41 0.00	42.75 3.16 -0.15	51.59 3.51 0.00	58.56 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	42.98 2.92 0.00	37.50 2.45 0.00	32.42 1.86 0.00
MUNSVILLE_WIND_PWR 323609	31.30 2.29 0.00	29.46 1.85 0.00	27.42 1.72 0.00	26.89 1.73 0.00	26.06 1.57 0.00	26.96 1.83 0.00	29.05 1.93 0.00	27.54 1.63 0.00	25.49 1.12 0.00	23.47 0.71 0.00	25.34 0.79 0.00	27.14 0.99 0.00	28.84 1.21 0.00	30.98 1.22 0.00	30.20 1.05 0.00	33.09 1.39 0.00	41.37 1.93 0.00	51.39 3.31 0.00	59.28 4.44 0.00	58.49 4.63 0.00	48.74 3.98 0.00	43.46 3.40 0.00	37.74 2.70 0.00	33.03 2.47 0.00
N SALMON___HYD 24042	40.61 0.46 -11.15	46.31 0.50 -18.20	46.47 0.49 -20.28	46.22 0.48 -20.58	45.97 0.54 -20.93	46.28 0.58 -20.58	58.36 0.68 -30.56	45.30 0.78 -18.62	36.86 0.98 -11.51	35.53 0.96 -11.81	35.97 1.01 -10.40	47.24 1.05 -20.05	46.82 1.08 -18.12	41.84 1.07 -11.02	41.36 1.02 -11.18	49.86 1.17 -16.99	55.97 1.54 -14.99	55.08 1.87 -5.13	62.89 2.08 -5.97	62.08 1.99 -6.23	55.69 1.34 -9.59	47.48 1.16 -6.26	42.33 1.02 -6.27	39.29 0.83 -7.91
N.AKRON__115KV_KNAPP 355671	29.59 0.58 0.00	28.30 0.69 0.00	26.42 0.72 0.00	25.54 0.38 0.00	24.96 0.47 0.00	25.70 0.58 0.00	27.69 0.57 0.00	26.11 0.21 0.00	23.96 -0.41 0.00	22.22 -0.55 0.00	24.19 -0.37 0.00	25.73 -0.42 0.00	27.46 -0.17 0.00	29.52 -0.24 0.00	28.83 -0.32 0.00	30.90 -0.79 0.00	38.02 -1.42 0.00	46.30 -1.78 0.00	53.30 -1.54 0.00	51.92 -1.94 0.00	43.68 -1.07 0.00	38.66 -1.40 0.00	34.73 -0.32 0.00	31.26 0.70 0.00
N.E_GEN_SANDY PD 24062	29.96 0.96 0.00	28.52 0.91 0.00	26.54 0.85 0.00	26.01 0.86 0.00	25.30 0.81 0.00	25.93 0.80 0.00	28.01 0.92 0.03	26.82 0.88 -0.03	25.25 0.88 0.00	23.63 0.86 0.00	25.44 0.88 0.00	27.01 0.86 0.00	28.56 0.94 0.00	30.86 1.10 0.00	30.20 1.05 0.00	32.90 1.20 0.00	39.80 1.58 1.22	49.90 1.83 0.00	56.75 1.92 0.00	55.74 1.88 0.00	46.50 1.74 0.00	41.62 1.56 0.00	36.34 1.30 0.00	31.60 1.04 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.31 1.31 0.00	28.74 1.13 0.00	26.73 1.03 0.00	26.19 1.03 0.00	25.50 1.00 0.00	26.10 0.98 0.00	28.15 1.03 0.00	26.96 1.06 0.00	25.42 1.05 0.00	23.91 1.14 0.00	25.83 1.28 0.00	27.50 1.36 0.00	29.20 1.57 0.00	31.57 1.82 0.00	30.93 1.78 0.00	33.69 2.00 0.00	42.22 2.64 -0.14	51.06 2.98 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.40 2.64 0.00	42.58 2.52 0.00	37.11 2.07 0.00	32.15 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	30.75 1.74 -0.01	29.16 1.55 0.00	27.06 1.36 0.00	26.53 1.36 -0.01	25.85 1.35 -0.01	26.28 1.16 0.00	28.21 1.08 0.00	27.02 1.11 0.00	25.59 1.22 0.00	24.29 1.53 0.00	26.18 1.62 0.00	27.74 1.59 0.00	29.39 1.77 0.00	31.84 2.08 0.00	31.22 2.07 0.00	34.07 2.38 0.00	42.86 3.27 -0.15	51.49 3.41 0.00	58.46 3.62 0.00	57.41 3.55 0.00	47.71 2.95 0.00	43.10 3.04 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
N.TROY___115KV_TB1 355778	30.08 1.07 0.00	28.63 1.02 0.00	26.62 0.93 0.00	26.09 0.93 0.00	25.40 0.91 0.00	26.03 0.90 0.00	28.12 1.00 0.00	26.86 0.96 0.00	25.25 0.88 0.00	23.54 0.77 0.00	25.24 0.69 0.00	26.82 0.68 0.00	28.34 0.72 0.00	30.62 0.86 0.00	30.03 0.87 0.00	32.71 1.01 0.00	40.59 1.34 0.19	49.76 1.68 0.00	56.86 2.03 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.70 1.64 0.00	36.41 1.37 0.00	31.69 1.13 0.00
NARROWS_GT1_1 24228	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT1_2 24229	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT1_3 24230	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT1_4 24231	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT1_5 24232	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01

NARROWS_GT1_6 24233	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT1_7 24234	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT1_8 24235	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_1 24236	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_2 24237	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_3 24238	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_4 24239	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_5 24240	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_6 24241	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_7 24242	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NARROWS_GT2_8 24243	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.99 0.99 0.00	28.58 0.97 0.00	26.60 0.90 0.00	26.06 0.91 0.00	25.35 0.86 0.00	25.93 0.80 0.00	27.99 0.87 0.00	26.63 0.73 0.00	24.88 0.51 0.00	23.13 0.36 0.00	24.80 0.25 0.00	26.38 0.24 0.00	27.90 0.28 0.00	30.15 0.39 0.00	29.59 0.44 0.00	32.39 0.70 0.00	40.81 1.42 0.05	49.81 1.73 0.00	56.97 2.14 0.00	56.01 2.15 0.00	46.73 1.97 0.00	41.74 1.68 0.00	36.41 1.37 0.00	31.63 1.07 0.00
NCHELSEA_115KV_TR2 355582	30.48 1.48 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.37 1.21 0.00	25.67 1.18 0.00	26.23 1.11 0.00	28.31 1.19 0.00	27.07 1.17 0.00	25.47 1.10 0.00	23.91 1.14 0.00	25.81 1.25 0.00	27.48 1.33 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.87 1.72 0.00	33.69 2.00 0.00	42.24 2.68 -0.11	51.30 3.22 0.00	58.35 3.51 0.00	57.31 3.45 0.00	47.71 2.95 0.00	42.78 2.72 0.00	37.29 2.24 0.00	32.30 1.74 0.00
NEG CAPITAL___MECHNVIL 23645	30.63 1.62 0.00	29.13 1.52 0.00	27.08 1.39 0.00	26.57 1.41 0.00	25.86 1.37 0.00	26.53 1.41 0.00	28.64 1.52 0.00	27.33 1.42 0.00	25.59 1.22 0.00	23.79 1.03 0.00	25.39 0.84 0.00	27.03 0.89 0.00	28.48 0.86 0.00	30.83 1.07 0.00	30.29 1.14 0.00	33.06 1.36 0.00	41.09 1.82 0.17	50.53 2.45 0.00	58.07 3.23 0.00	57.15 3.29 0.00	47.66 2.91 0.00	42.58 2.53 0.00	37.18 2.14 0.00	32.33 1.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.69 -0.32 0.00	27.28 -0.33 0.00	25.39 -0.31 0.00	24.76 -0.40 0.00	24.13 -0.37 0.00	24.80 -0.33 0.00	26.77 -0.35 0.00	25.51 -0.39 0.00	23.66 -0.71 0.00	22.02 -0.75 0.00	23.87 -0.69 0.00	25.41 -0.73 0.00	27.01 -0.61 0.00	29.04 -0.71 0.00	28.42 -0.73 0.00	30.71 -0.98 0.00	37.94 -1.50 0.00	46.44 -1.63 0.00	53.24 -1.59 0.00	52.08 -1.78 0.00	43.55 -1.21 0.00	38.77 -1.28 0.00	34.27 -0.77 0.00	30.22 -0.34 0.00



NEG CENTRAL___DRP 24199	29.35 0.35 0.00	27.92 0.30 0.00	26.01 0.31 0.00	25.39 0.23 0.00	24.74 0.24 0.00	25.40 0.28 0.00	27.39 0.27 0.00	26.14 0.23 0.00	24.27 -0.10 0.00	22.54 -0.23 0.00	24.38 -0.17 0.00	25.99 -0.16 0.00	27.57 -0.06 0.00	29.67 -0.09 0.00	29.09 -0.06 0.00	31.54 -0.16 0.00	39.01 -0.43 0.00	47.79 -0.29 0.00	54.84 0.00 0.00	53.86 0.00 0.00	44.94 0.18 0.00	39.98 -0.08 0.00	35.22 0.18 0.00	30.96 0.40 0.00
NEG CENTRAL___INDECK 23768	30.34 1.33 0.00	28.83 1.21 0.00	26.85 1.16 0.00	26.14 0.98 0.00	25.50 1.00 0.00	26.23 1.10 0.00	28.31 1.19 0.00	26.91 1.01 0.00	24.64 0.27 0.00	22.70 -0.07 0.00	24.60 0.05 0.00	26.17 0.03 0.00	27.90 0.28 0.00	30.03 0.27 0.00	29.44 0.29 0.00	31.82 0.13 0.00	39.40 -0.04 0.00	48.56 0.48 0.00	56.21 1.37 0.00	55.10 1.24 0.00	46.10 1.34 0.00	40.90 0.84 0.00	36.24 1.19 0.00	32.09 1.53 0.00
NEG CENTRAL___SENECA 23627	29.56 0.55 0.00	28.11 0.50 0.00	26.19 0.49 0.00	25.54 0.38 0.00	24.88 0.39 0.00	25.58 0.45 0.00	27.58 0.46 0.00	26.29 0.39 0.00	24.35 -0.02 0.00	22.56 -0.20 0.00	24.43 -0.12 0.00	26.07 -0.08 0.00	27.68 0.06 0.00	29.79 0.03 0.00	29.21 0.06 0.00	31.63 -0.06 0.00	39.05 -0.39 0.00	47.93 -0.14 0.00	55.06 0.22 0.00	54.02 0.16 0.00	45.11 0.36 0.00	40.10 0.04 0.00	35.46 0.42 0.00	31.23 0.67 0.00
NEG CENTRAL___STATE_STREET 24147	29.83 0.23 -0.59	28.80 0.22 -0.97	26.98 0.21 -1.08	26.40 0.15 -1.10	25.75 0.15 -1.11	26.42 0.20 -1.09	28.94 0.19 -1.63	27.05 0.16 -0.99	24.94 -0.05 -0.61	23.24 -0.16 -0.63	24.96 -0.15 -0.55	27.11 -0.10 -1.07	28.53 -0.06 -0.96	30.26 -0.09 -0.59	29.69 -0.06 -0.59	32.47 -0.13 -0.90	39.96 -0.28 -0.80	48.30 -0.05 -0.27	55.26 0.11 -0.32	54.35 0.16 -0.33	45.53 0.27 -0.51	40.47 0.08 -0.33	35.55 0.18 -0.33	31.26 0.28 -0.42
NEG MILLWOOD___DRP 24198	30.57 1.57 0.00	29.02 1.41 0.00	26.98 1.28 0.00	26.47 1.31 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.17 1.27 0.00	25.62 1.24 0.00	24.04 1.27 0.00	25.95 1.40 0.00	27.61 1.46 0.00	29.31 1.68 0.00	31.72 1.96 0.00	31.02 1.87 0.00	33.88 2.19 0.00	42.45 2.88 -0.13	51.49 3.41 0.00	58.56 3.73 0.00	57.47 3.61 0.00	47.84 3.09 0.00	42.90 2.84 0.00	37.39 2.35 0.00	32.42 1.86 0.00
NEG NORTH_FLCN_SEA 23793	32.00 0.58 -2.41	32.18 0.64 -3.94	30.73 0.64 -4.39	30.24 0.63 -4.45	29.73 0.71 -4.53	30.33 0.75 -4.45	34.63 0.89 -6.61	30.91 0.98 -4.03	28.06 1.19 -2.49	26.51 1.18 -2.55	28.08 1.28 -2.25	31.84 1.36 -4.34	32.92 1.38 -3.92	33.54 1.40 -2.38	32.88 1.31 -2.42	36.89 1.52 -3.67	44.62 1.93 -3.24	51.50 2.31 -1.11	58.76 2.63 -1.29	57.74 2.53 -1.35	48.62 1.79 -2.07	42.98 1.56 -1.35	37.80 1.40 -1.36	33.46 1.19 -1.71
NEG NORTH_KES_CHATEGAY 23792	33.75 0.15 -4.60	35.34 0.22 -7.51	34.30 0.23 -8.37	33.88 0.23 -8.49	33.40 0.27 -8.64	33.94 0.33 -8.49	40.14 0.41 -12.61	34.05 0.47 -7.68	29.80 0.68 -4.75	28.32 0.68 -4.87	29.56 0.71 -4.29	35.18 0.76 -8.27	35.85 0.75 -7.48	35.05 0.74 -4.55	34.47 0.70 -4.61	39.53 0.82 -7.01	46.73 1.10 -6.19	51.49 1.30 -2.12	58.78 1.48 -2.46	57.88 1.45 -2.57	49.61 0.90 -3.96	43.44 0.80 -2.58	38.30 0.67 -2.59	34.37 0.55 -3.26
NEG NORTH___ALICE_FALLS 23915	32.45 0.64 -2.81	32.89 0.69 -4.58	31.47 0.67 -5.11	31.00 0.65 -5.18	30.50 0.73 -5.27	31.09 0.78 -5.18	35.74 0.92 -7.70	31.60 1.01 -4.69	28.49 1.22 -2.90	26.95 1.21 -2.97	28.48 1.30 -2.62	32.55 1.36 -5.05	33.57 1.38 -4.56	33.96 1.43 -2.77	33.31 1.34 -2.82	37.53 1.55 -4.28	45.23 2.01 -3.78	51.77 2.40 -1.29	59.08 2.74 -1.50	58.01 2.59 -1.57	49.05 1.88 -2.41	43.24 1.60 -1.58	38.02 1.40 -1.58	33.74 1.19 -1.99
NEG NORTH___LWR_SARANAC 23913	32.45 0.64 -2.81	32.89 0.69 -4.58	31.47 0.67 -5.11	31.00 0.65 -5.18	30.50 0.73 -5.27	31.09 0.78 -5.18	35.74 0.92 -7.70	31.60 1.01 -4.69	28.49 1.22 -2.90	26.95 1.21 -2.97	28.48 1.30 -2.62	32.55 1.36 -5.05	33.57 1.38 -4.56	33.96 1.43 -2.77	33.31 1.34 -2.82	37.53 1.55 -4.28	45.23 2.01 -3.78	51.77 2.40 -1.29	59.08 2.74 -1.50	58.01 2.59 -1.57	49.05 1.88 -2.41	43.24 1.60 -1.58	38.02 1.40 -1.58	33.74 1.19 -1.99
NEG NORTH___PLATTSBURG 23628	32.45 0.64 -2.81	32.89 0.69 -4.58	31.47 0.67 -5.11	31.00 0.65 -5.18	30.50 0.73 -5.27	31.09 0.78 -5.18	35.74 0.92 -7.70	31.60 1.01 -4.69	28.49 1.22 -2.90	26.95 1.21 -2.97	28.47 1.30 -2.62	32.55 1.36 -5.05	33.57 1.38 -4.56	33.96 1.43 -2.77	33.31 1.34 -2.82	37.53 1.55 -4.28	45.23 2.01 -3.78	51.77 2.40 -1.29	59.08 2.74 -1.50	58.01 2.59 -1.57	49.05 1.88 -2.41	43.24 1.60 -1.58	38.03 1.40 -1.58	33.74 1.19 -1.99
NEG WEST_LEA_LOCKPORT 23791	29.18 0.17 0.00	27.94 0.33 0.00	26.11 0.41 0.00	25.18 0.03 0.00	24.62 0.12 0.00	25.38 0.25 0.00	27.28 0.16 0.00	25.80 -0.10 0.00	23.62 -0.76 0.00	21.92 -0.84 0.00	23.89 -0.66 0.00	25.44 -0.71 0.00	27.13 -0.50 0.00	29.19 -0.57 0.00	28.45 -0.70 0.00	30.43 -1.27 0.00	37.39 -2.05 0.00	45.29 -2.79 0.00	52.09 -2.74 0.00	50.68 -3.18 0.00	42.79 -1.97 0.00	37.81 -2.24 0.00	34.13 -0.91 0.00	30.84 0.28 0.00
NEG WEST___LANCASTR 23811	28.77 -0.23 0.00	27.47 -0.14 0.00	25.65 -0.05 0.00	24.78 -0.38 0.00	24.22 -0.27 0.00	24.97 -0.15 0.00	26.82 -0.30 0.00	25.51 -0.39 0.00	23.35 -1.02 0.00	21.63 -1.14 0.00	23.65 -0.91 0.00	25.26 -0.89 0.00	26.93 -0.69 0.00	29.01 -0.74 0.00	28.28 -0.87 0.00	30.36 -1.33 0.00	37.35 -2.09 0.00	45.29 -2.79 0.00	52.20 -2.63 0.00	50.79 -3.07 0.00	42.61 -2.15 0.00	37.73 -2.32 0.00	33.92 -1.12 0.00	30.50 -0.06 0.00
NEG_PENN_ALLEGHNY 23528	29.47 0.46 0.00	28.03 0.41 0.00	26.11 0.41 0.00	25.49 0.33 0.00	24.81 0.32 0.00	25.50 0.38 0.00	27.47 0.35 0.00	26.24 0.34 0.00	24.42 0.05 0.00	22.72 -0.05 0.00	24.60 0.05 0.00	26.22 0.08 0.00	27.82 0.19 0.00	29.97 0.21 0.00	29.36 0.21 0.00	31.82 0.13 0.00	39.52 0.08 0.00	48.22 0.14 0.00	55.17 0.33 0.00	54.19 0.33 0.00	45.16 0.40 0.00	40.34 0.28 0.00	35.43 0.39 0.00	31.11 0.55 0.00
NEG___GEN_MONROE 24207	29.38 0.38 0.00	28.00 0.39 0.00	26.11 0.41 0.00	25.36 0.20 0.00	24.74 0.24 0.00	25.48 0.35 0.00	27.45 0.33 0.00	26.08 0.18 0.00	24.08 -0.29 0.00	22.38 -0.39 0.00	24.28 -0.27 0.00	25.86 -0.29 0.00	27.48 -0.14 0.00	29.52 -0.24 0.00	28.83 -0.32 0.00	31.06 -0.63 0.00	38.38 -1.06 0.00	46.78 -1.30 0.00	53.74 -1.10 0.00	52.51 -1.35 0.00	44.04 -0.72 0.00	39.10 -0.96 0.00	34.83 -0.21 0.00	30.96 0.40 0.00
NEPA___ENERGY 23901	29.21 0.20 0.00	27.89 0.28 0.00	26.06 0.36 0.00	25.16 0.00 0.00	24.59 0.10 0.00	25.35 0.23 0.00	27.23 0.11 0.00	26.03 0.13 0.00	23.79 -0.58 0.00	22.04 -0.73 0.00	24.11 -0.44 0.00	25.75 -0.39 0.00	27.46 -0.17 0.00	29.58 -0.18 0.00	28.83 -0.32 0.00	30.94 -0.76 0.00	38.10 -1.34 0.00	46.20 -1.88 0.00	53.19 -1.65 0.00	51.81 -2.05 0.00	43.41 -1.34 0.00	38.46 -1.60 0.00	34.52 -0.53 0.00	30.93 0.37 0.00

NEVERSINK____HYD 23608	30.57 1.57 0.00	29.02 1.41 0.00	26.98 1.28 0.00	26.47 1.31 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.40 1.27 0.00	27.09 1.19 0.00	25.44 1.07 0.00	23.84 1.07 0.00	25.73 1.18 0.00	27.37 1.23 0.00	29.09 1.46 0.00	31.48 1.73 0.00	30.78 1.63 0.00	33.66 1.97 0.00	42.21 2.68 -0.08	51.44 3.36 0.00	58.62 3.78 0.00	57.63 3.77 0.00	47.98 3.22 0.00	42.94 2.89 0.00	37.39 2.35 0.00	32.42 1.86 0.00
NEWKRMKL_115KV_TB1 55635	29.38 0.38 0.00	28.03 0.41 0.00	26.08 0.39 0.00	25.59 0.43 0.00	24.88 0.39 0.00	25.50 0.38 0.00	27.50 0.38 0.00	26.27 0.36 0.00	24.69 0.32 0.00	23.06 0.30 0.00	24.80 0.25 0.00	26.41 0.26 0.00	27.87 0.25 0.00	30.09 0.33 0.00	29.53 0.38 0.00	32.14 0.44 0.00	39.88 0.55 0.11	48.70 0.63 0.00	55.55 0.71 0.00	54.61 0.75 0.00	45.52 0.76 0.00	40.74 0.68 0.00	35.57 0.53 0.00	30.93 0.37 0.00
NEWTON____FALLS_HYD 23847	49.93 0.23 -20.69	61.43 0.03 -33.79	63.40 0.05 -37.65	63.45 0.08 -38.22	63.38 0.02 -38.87	63.43 0.10 -38.20	83.96 0.11 -56.73	60.54 0.08 -34.56	45.84 0.10 -21.37	44.81 0.11 -21.93	43.99 0.12 -19.32	63.55 0.18 -37.23	61.46 0.19 -33.65	50.27 0.06 -20.45	49.94 0.03 -20.76	63.39 0.16 -31.54	67.56 0.28 -27.84	58.28 0.67 -9.53	66.80 0.88 -11.08	66.34 0.92 -11.56	63.05 0.49 -17.80	52.13 0.44 -11.63	46.89 0.21 -11.64	45.43 0.18 -14.68
NGRID_A1_DSASP 323792	29.01 0.00 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.58 -0.58 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.60 -0.52 0.00	25.38 -0.52 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.89 0.00	28.78 -0.98 0.00	28.01 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.47 -3.61 0.00	51.00 -3.84 0.00	49.60 -4.26 0.00	41.98 -2.77 0.00	37.14 -2.92 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
NGRID_A2_DSASP 323793	29.01 0.00 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.58 -0.58 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.60 -0.52 0.00	25.38 -0.52 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.89 0.00	28.78 -0.98 0.00	28.01 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.47 -3.61 0.00	51.00 -3.84 0.00	49.60 -4.26 0.00	41.98 -2.77 0.00	37.14 -2.92 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
NGRID_A4_DSASP 323807	29.01 0.00 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.58 -0.58 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.60 -0.52 0.00	25.38 -0.52 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.89 0.00	28.78 -0.98 0.00	28.01 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.47 -3.61 0.00	51.00 -3.84 0.00	49.60 -4.26 0.00	41.98 -2.77 0.00	37.14 -2.92 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
NIAGARA_115E_LBMP 323715	28.60 -0.41 0.00	27.81 0.19 0.00	25.95 0.26 0.00	25.08 -0.08 0.00	24.49 0.00 0.00	25.25 0.13 0.00	27.15 0.03 0.00	25.62 -0.28 0.00	23.35 -1.02 0.00	21.65 -1.12 0.00	23.57 -0.98 0.00	25.10 -1.05 0.00	26.77 -0.86 0.00	28.80 -0.95 0.00	28.04 -1.11 0.00	29.95 -1.74 0.00	36.80 -2.64 0.00	44.57 -3.51 0.00	51.16 -3.67 0.00	49.76 -4.10 0.00	42.07 -2.68 0.00	37.25 -2.81 0.00	33.57 -1.47 0.00	30.53 -0.03 0.00
NIAGARA_115W_LBMP 323714	28.98 -0.03 0.00	27.17 -0.44 0.00	25.39 -0.31 0.00	24.53 -0.63 0.00	23.93 -0.56 0.00	24.67 -0.45 0.00	26.55 -0.57 0.00	25.33 -0.57 0.00	23.18 -1.19 0.00	21.54 -1.23 0.00	23.57 -0.98 0.00	25.02 -1.12 0.00	26.68 -0.94 0.00	28.69 -1.07 0.00	27.93 -1.22 0.00	29.83 -1.87 0.00	36.64 -2.80 0.00	44.33 -3.75 0.00	50.89 -3.95 0.00	49.44 -4.42 0.00	41.85 -2.91 0.00	37.05 -3.01 0.00	33.43 -1.61 0.00	30.07 -0.49 0.00
NIAGARA_230_LBMP 323716	28.89 -0.12 0.00	27.56 -0.06 0.00	25.72 0.03 0.00	24.88 -0.28 0.00	24.27 -0.22 0.00	25.02 -0.10 0.00	26.93 -0.19 0.00	25.67 -0.23 0.00	23.52 -0.85 0.00	21.81 -0.96 0.00	23.82 -0.74 0.00	25.36 -0.78 0.00	27.01 -0.61 0.00	29.08 -0.68 0.00	28.31 -0.85 0.00	30.24 -1.46 0.00	37.15 -2.29 0.00	45.00 -3.08 0.00	51.65 -3.18 0.00	50.25 -3.61 0.00	42.48 -2.28 0.00	37.61 -2.44 0.00	33.89 -1.16 0.00	30.47 -0.09 0.00
NIAGARA__115KV_198_GIBSON 55903	28.43 -0.58 0.00	27.17 -0.44 0.00	25.39 -0.31 0.00	24.48 -0.68 0.00	23.93 -0.56 0.00	24.67 -0.45 0.00	26.52 -0.60 0.00	25.54 -0.36 0.00	23.18 -1.19 0.00	21.54 -1.23 0.00	23.57 -0.98 0.00	25.02 -1.12 0.00	26.66 -0.97 0.00	28.69 -1.07 0.00	27.93 -1.22 0.00	29.83 -1.87 0.00	36.64 -2.80 0.00	44.28 -3.80 0.00	50.89 -3.95 0.00	49.44 -4.42 0.00	41.85 -2.91 0.00	37.01 -3.04 0.00	33.43 -1.61 0.00	30.07 -0.49 0.00
NIAGARA____ 23760	28.89 -0.12 0.00	27.56 -0.06 0.00	25.72 0.03 0.00	24.88 -0.28 0.00	24.27 -0.22 0.00	25.02 -0.10 0.00	26.93 -0.19 0.00	25.67 -0.23 0.00	23.52 -0.85 0.00	21.81 -0.96 0.00	23.82 -0.74 0.00	25.36 -0.78 0.00	27.01 -0.61 0.00	29.08 -0.68 0.00	28.31 -0.85 0.00	30.24 -1.46 0.00	37.15 -2.29 0.00	45.00 -3.08 0.00	51.65 -3.18 0.00	50.25 -3.61 0.00	42.48 -2.28 0.00	37.61 -2.44 0.00	33.89 -1.16 0.00	30.47 -0.09 0.00
NINE_MILE_1 23575	28.34 -0.67 0.00	27.00 -0.61 0.00	25.13 -0.57 0.00	24.58 -0.58 0.00	23.93 -0.56 0.00	24.57 -0.55 0.00	26.52 -0.60 0.00	25.31 -0.59 0.00	23.72 -0.66 0.00	22.11 -0.66 0.00	23.87 -0.69 0.00	25.41 -0.73 0.00	26.79 -0.83 0.00	28.80 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.49 -1.59 0.00	53.08 -1.76 0.00	52.13 -1.73 0.00	43.41 -1.34 0.00	38.82 -1.24 0.00	33.99 -1.05 0.00	29.74 -0.82 0.00
NINE_MILE_2 23744	28.34 -0.67 0.00	27.00 -0.61 0.00	25.13 -0.57 0.00	24.58 -0.58 0.00	23.93 -0.56 0.00	24.57 -0.55 0.00	26.52 -0.60 0.00	25.31 -0.59 0.00	23.72 -0.66 0.00	22.11 -0.66 0.00	23.87 -0.69 0.00	25.41 -0.73 0.00	26.79 -0.83 0.00	28.80 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.49 -1.59 0.00	53.08 -1.76 0.00	52.13 -1.73 0.00	43.41 -1.34 0.00	38.82 -1.24 0.00	34.03 -1.02 0.00	29.74 -0.82 0.00
NM_CAPITAL____DRP 24208	29.47 0.46 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.64 0.48 0.00	24.93 0.44 0.00	25.55 0.43 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.90 0.34 0.00	26.46 0.31 0.00	27.95 0.33 0.00	30.17 0.42 0.00	29.59 0.44 0.00	32.20 0.51 0.00	39.99 0.67 0.13	48.85 0.77 0.00	55.66 0.82 0.00	54.72 0.86 0.00	45.61 0.85 0.00	40.86 0.80 0.00	35.67 0.63 0.00	31.02 0.46 0.00
NM_CENTRAL____DRP 24181	29.78 -0.15 -0.92	29.01 -0.11 -1.51	27.27 -0.10 -1.68	26.74 -0.13 -1.70	26.10 -0.12 -1.73	26.70 -0.13 -1.70	29.49 -0.16 -2.53	27.26 -0.18 -1.54	25.03 -0.29 -0.95	23.40 -0.34 -0.98	25.07 -0.34 -0.86	27.46 -0.34 -1.66	28.79 -0.33 -1.50	30.25 -0.42 -0.91	29.70 -0.38 -0.93	32.59 -0.51 -1.41	39.89 -0.79 -1.24	47.68 -0.82 -0.42	54.45 -0.88 -0.49	53.56 -0.81 -0.51	45.00 -0.54 -0.78	40.02 -0.56 -0.52	35.18 -0.39 -0.52	31.03 -0.18 -0.65

NM_FRONTIER___DRP 24179	28.43 -0.58 0.00	27.17 -0.44 0.00	25.39 -0.31 0.00	24.48 -0.68 0.00	23.93 -0.56 0.00	24.67 -0.45 0.00	26.52 -0.60 0.00	25.54 -0.36 0.00	23.18 -1.19 0.00	21.54 -1.23 0.00	23.57 -0.98 0.00	25.02 -1.12 0.00	26.66 -0.97 0.00	28.69 -1.07 0.00	27.93 -1.22 0.00	29.83 -1.87 0.00	36.64 -2.80 0.00	44.28 -3.80 0.00	50.89 -3.95 0.00	49.44 -4.42 0.00	41.85 -2.91 0.00	37.01 -3.04 0.00	33.43 -1.61 0.00	30.07 -0.49 0.00
NM_ST_REGIS___HYD 24053	55.72 0.17 -26.54	71.10 0.17 -43.33	74.16 0.18 -48.28	74.34 0.18 -49.01	74.53 0.20 -49.84	74.34 0.23 -48.99	100.17 0.30 -72.75	70.53 0.31 -44.32	52.26 0.49 -27.41	51.36 0.48 -28.12	49.82 0.49 -24.77	74.43 0.55 -47.73	71.32 0.55 -43.15	56.52 0.54 -26.22	56.27 0.50 -26.62	72.74 0.60 -40.44	75.97 0.83 -35.70	61.35 1.06 -12.22	70.25 1.21 -14.21	69.87 1.18 -14.82	68.26 0.67 -22.83	55.57 0.60 -14.91	50.42 0.46 -14.93	49.75 0.37 -18.83
NORTHPORT___1 23551	30.74 1.74 0.00	28.91 1.30 0.00	26.80 1.10 0.00	26.37 1.21 0.00	25.74 1.25 0.00	26.20 1.08 0.00	28.21 1.09 0.00	27.15 1.24 0.00	25.78 1.41 0.00	24.54 1.78 0.00	26.45 1.89 -0.01	28.12 1.96 -0.01	30.54 2.13 -0.79	33.01 2.44 -0.81	34.99 2.30 -3.53	42.47 2.54 -8.24	44.17 3.31 -1.42	51.74 3.65 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.85 3.09 -0.01	43.27 3.21 -0.01	37.86 2.80 -0.01	32.52 1.96 0.00
NORTHPORT___2 23552	30.74 1.74 0.00	28.91 1.30 0.00	26.80 1.10 0.00	26.37 1.21 0.00	25.74 1.25 0.00	26.20 1.08 0.00	28.21 1.09 0.00	27.15 1.24 0.00	25.78 1.41 0.00	24.54 1.78 0.00	26.45 1.89 -0.01	28.12 1.96 -0.01	30.54 2.13 -0.79	33.01 2.44 -0.81	34.99 2.30 -3.53	42.47 2.54 -8.24	44.17 3.31 -1.42	51.74 3.65 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.85 3.09 -0.01	43.27 3.21 -0.01	37.86 2.80 -0.01	32.52 1.96 0.00
NORTHPORT___3 23553	30.51 1.51 0.00	28.69 1.08 0.00	26.60 0.90 0.00	26.17 1.01 0.00	25.54 1.05 0.00	25.98 0.85 0.00	27.99 0.87 0.00	26.94 1.04 0.00	25.57 1.19 0.00	24.32 1.55 0.00	26.23 1.67 -0.01	27.91 1.75 -0.01	30.33 1.90 -0.80	32.77 2.20 -0.81	34.82 2.10 -3.56	42.07 2.06 -8.32	43.24 2.37 -1.43	50.63 2.55 0.00	57.51 2.69 0.01	56.38 2.53 0.01	46.82 2.06 0.00	42.47 2.40 -0.01	37.54 2.49 -0.01	32.30 1.74 0.00
NORTHPORT___4 23650	30.51 1.51 0.00	28.69 1.08 0.00	26.60 0.90 0.00	26.17 1.01 0.00	25.54 1.05 0.00	25.98 0.85 0.00	27.99 0.87 0.00	26.94 1.04 0.00	25.57 1.19 0.00	24.32 1.55 0.00	26.23 1.67 -0.01	27.91 1.75 -0.01	30.33 1.90 -0.80	32.77 2.20 -0.81	34.82 2.10 -3.56	42.07 2.06 -8.32	43.24 2.37 -1.43	50.63 2.55 0.00	57.51 2.69 0.01	56.38 2.53 0.01	46.82 2.06 0.00	42.47 2.40 -0.01	37.54 2.49 -0.01	32.30 1.74 0.00
NORTHPORT___IC 23718	30.77 1.77 0.00	28.91 1.30 0.00	26.83 1.13 0.00	26.37 1.21 0.00	25.74 1.25 0.00	26.21 1.08 0.00	28.18 1.06 0.00	27.15 1.24 0.00	25.79 1.41 0.00	24.54 1.78 0.00	26.45 1.89 -0.01	28.12 1.96 -0.01	30.57 2.15 -0.79	33.01 2.44 -0.81	34.99 2.30 -3.53	42.47 2.54 -8.24	44.17 3.31 -1.42	51.74 3.65 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.85 3.09 -0.01	43.31 3.24 -0.01	37.86 2.80 -0.01	32.52 1.96 0.00
NORTH___COUNTRY_ESR 323785	33.74 0.09 -4.65	35.34 0.14 -7.59	34.31 0.16 -8.46	33.92 0.18 -8.58	33.44 0.22 -8.73	33.96 0.25 -8.58	40.19 0.33 -12.74	34.08 0.41 -7.76	29.78 0.61 -4.80	28.33 0.64 -4.92	29.56 0.66 -4.34	35.21 0.71 -8.36	35.87 0.69 -7.56	35.04 0.68 -4.59	34.46 0.64 -4.66	39.54 0.76 -7.08	46.68 0.99 -6.25	51.37 1.15 -2.14	58.64 1.31 -2.49	57.75 1.29 -2.60	49.56 0.81 -4.00	43.35 0.68 -2.61	38.25 0.60 -2.61	34.35 0.49 -3.30
NPX_GEN_1385_PROXY 323591	30.57 1.57 0.00	28.74 1.13 0.00	26.62 0.92 0.00	26.21 1.06 0.00	25.60 1.10 0.00	26.10 0.98 0.00	28.01 0.92 0.04	27.02 1.09 -0.03	25.74 1.36 0.00	24.52 1.75 0.00	26.18 1.62 -0.01	27.83 1.67 -0.01	30.24 1.82 -0.79	32.68 2.11 -0.81	34.61 1.92 -3.53	40.00 1.93 -6.37	43.70 2.84 -1.42	51.17 3.08 -0.01	57.49 2.96 0.30	56.66 2.80 0.00	47.41 2.64 -0.01	43.03 2.96 -0.01	37.61 2.56 -0.01	32.27 1.71 0.00
NPX_GEN_CSC 323557	30.37 1.36 0.00	28.50 0.88 0.00	26.39 0.69 0.00	26.01 0.86 0.00	25.45 0.95 0.00	25.83 0.70 0.00	27.71 0.62 0.04	26.79 0.85 -0.03	25.44 1.07 0.00	24.29 1.53 0.00	26.21 1.65 -0.01	27.85 1.70 -0.01	30.31 1.88 -0.80	32.81 2.20 -0.85	34.82 2.07 -3.59	42.46 2.41 -8.36	44.07 3.19 -1.43	51.74 3.65 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.76 3.00 -0.01	43.11 3.04 -0.01	37.51 2.45 -0.01	32.12 1.56 0.00
NSINS_S_GLNS_FALLS 23858	31.27 2.26 0.00	29.68 2.07 0.00	27.60 1.90 0.00	27.10 1.94 0.00	26.40 1.91 0.00	27.08 1.96 0.00	29.18 2.06 0.00	27.85 1.94 0.00	26.01 1.63 0.00	24.11 1.34 0.00	25.46 0.91 0.00	27.11 0.97 0.00	28.53 0.91 0.00	30.95 1.19 0.00	30.41 1.25 0.00	33.28 1.58 0.00	41.42 2.13 0.15	51.15 3.08 0.00	59.39 4.55 0.00	58.49 4.63 0.00	48.87 4.12 0.00	43.58 3.53 0.00	38.06 3.01 0.00	33.04 2.48 0.00
NUCOR_STEEL___DRP 24197	29.88 0.26 -0.61	28.86 0.25 -1.00	27.04 0.23 -1.11	26.49 0.20 -1.13	25.83 0.20 -1.15	26.48 0.23 -1.13	29.01 0.22 -1.67	27.10 0.18 -1.02	24.95 -0.05 -0.63	23.28 -0.14 -0.65	25.00 -0.12 -0.57	27.14 -0.10 -1.10	28.56 -0.06 -0.99	30.27 -0.09 -0.60	29.71 -0.06 -0.61	32.50 -0.13 -0.93	39.98 -0.28 -0.82	48.26 -0.10 -0.28	55.22 0.05 -0.33	54.31 0.11 -0.34	45.50 0.22 -0.52	40.48 0.08 -0.34	35.56 0.18 -0.34	31.30 0.31 -0.43
NUMBER_THREE_WT_PWR 323818	38.30 0.29 -9.00	42.33 0.03 -14.69	42.12 0.05 -16.38	41.85 0.08 -16.62	41.40 0.00 -16.90	41.87 0.13 -16.61	51.90 0.11 -24.67	40.99 0.05 -15.03	33.67 0.00 -9.29	32.39 0.09 -9.54	33.03 0.07 -8.40	42.52 0.18 -16.19	42.48 0.22 -14.63	38.59 -0.06 -8.89	38.07 -0.12 -9.03	45.44 0.03 -13.72	51.71 0.16 -12.11	52.89 0.67 -4.14	60.53 0.87 -4.82	59.80 0.91 -5.03	53.04 0.54 -7.74	45.56 0.44 -5.06	40.25 0.14 -5.06	37.16 0.22 -6.39
NYISO_LBMP_REFERENCE 24008	29.01 0.00 0.00	27.61 0.00 0.00	25.70 0.00 0.00	25.16 0.00 0.00	24.49 0.00 0.00	25.12 0.00 0.00	27.12 0.00 0.00	25.90 0.00 0.00	24.37 0.00 0.00	22.77 0.00 0.00	24.55 0.00 0.00	26.14 0.00 0.00	27.62 0.00 0.00	29.76 0.00 0.00	29.15 0.00 0.00	31.70 0.00 0.00	39.44 0.00 0.00	48.08 0.00 0.00	54.84 0.00 0.00	53.86 0.00 0.00	44.76 0.00 0.00	40.06 0.00 0.00	35.04 0.00 0.00	30.56 0.00 0.00
NYPA_BRENTWD____GT 24164	31.00 2.00 0.00	29.13 1.52 0.00	26.98 1.28 0.00	26.57 1.41 0.00	25.94 1.44 0.00	26.38 1.26 0.00	28.37 1.25 0.00	27.33 1.42 0.00	25.95 1.58 0.00	24.73 1.96 0.00	26.68 2.11 -0.01	28.35 2.20 -0.01	30.87 2.43 -0.82	33.42 2.77 -0.90	35.48 2.65 -3.67	43.14 2.95 -8.50	44.72 3.82 -1.46	52.51 4.42 -0.01	59.55 4.72 0.00	58.38 4.52 0.00	48.48 3.71 -0.01	43.75 3.68 -0.01	38.21 3.16 -0.01	32.79 2.23 0.00

NYPA_GOWANUS____GT5 24156	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NYPA_GOWANUS____GT6 24157	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.65 1.48 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.22 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.38 3.32 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01
NYPA_HARLEM__RVR__GT1 24160	30.72 1.71 -0.01	29.13 1.52 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.26 1.13 0.00	28.21 1.09 0.00	26.98 1.09 0.01	25.53 1.17 0.01	24.25 1.48 0.00	26.13 1.57 0.00	27.71 1.57 0.01	29.36 1.74 0.01	31.80 2.05 0.01	31.19 2.04 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.38 3.31 0.01	58.34 3.51 0.01	57.30 3.45 0.01	47.66 2.91 0.01	43.02 2.96 0.00	37.60 2.56 0.00	32.58 2.02 -0.01
NYPA_HARLEM__RVR__GT2 24161	30.72 1.71 -0.01	29.13 1.52 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.26 1.13 0.00	28.21 1.09 0.00	26.98 1.09 0.01	25.53 1.17 0.01	24.25 1.48 0.00	26.13 1.57 0.00	27.71 1.57 0.01	29.36 1.74 0.01	31.80 2.05 0.01	31.19 2.04 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.38 3.31 0.01	58.34 3.51 0.01	57.30 3.45 0.01	47.66 2.91 0.01	43.02 2.96 0.00	37.60 2.56 0.00	32.58 2.02 -0.01
NYPA_KENT____GT 24152	30.78 1.77 -0.01	29.19 1.57 0.00	27.11 1.41 0.00	26.60 1.43 -0.01	25.90 1.40 -0.01	26.41 1.28 0.00	28.42 1.30 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.08 2.32 0.00	31.45 2.30 0.00	34.30 2.60 0.00	43.10 3.51 -0.15	51.93 3.85 0.00	58.95 4.11 0.00	57.85 3.99 0.00	48.11 3.36 0.00	43.30 3.24 0.00	37.78 2.74 0.00	32.71 2.14 -0.01
NYPA_POUCH1____GT 24155	30.96 1.94 -0.01	29.36 1.74 -0.01	27.29 1.59 0.00	26.75 1.59 -0.01	26.07 1.57 -0.01	26.53 1.41 0.00	28.53 1.41 0.00	27.25 1.35 0.00	25.76 1.39 0.00	24.34 1.57 0.00	26.27 1.72 0.00	27.95 1.80 0.00	29.64 2.02 0.00	32.14 2.38 0.00	31.54 2.39 0.00	34.42 2.73 0.00	43.30 3.71 -0.16	52.16 4.08 0.00	59.17 4.33 0.00	58.11 4.25 0.00	48.34 3.58 0.00	43.50 3.45 0.00	38.00 2.94 -0.01	32.89 2.32 -0.01
NYPA_VERNON____GT2 24162	30.70 1.68 -0.01	29.10 1.49 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.85 1.35 -0.01	26.38 1.26 0.00	28.40 1.27 0.00	27.20 1.29 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.23 1.67 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.05 2.29 0.00	31.43 2.28 0.00	34.23 2.54 0.00	42.98 3.39 -0.15	51.78 3.70 0.00	58.79 3.95 0.00	57.74 3.88 0.00	47.98 3.22 0.00	43.18 3.13 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
NYPA_VERNON____GT3 24163	30.70 1.68 -0.01	29.10 1.49 0.00	27.03 1.34 0.00	26.53 1.36 -0.01	25.85 1.35 -0.01	26.38 1.26 0.00	28.40 1.27 0.00	27.20 1.29 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.23 1.67 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.05 2.29 0.00	31.43 2.28 0.00	34.23 2.54 0.00	42.98 3.39 -0.15	51.78 3.70 0.00	58.79 3.95 0.00	57.74 3.88 0.00	47.98 3.22 0.00	43.18 3.13 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
NYPA____ASTORIA_CC1 323568	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.90 0.00	31.99 2.23 0.00	31.37 2.21 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.69 3.61 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.58 2.02 -0.01
NYPA____ASTORIA_CC2 323569	30.70 1.68 -0.01	29.08 1.46 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.90 0.00	31.99 2.23 0.00	31.37 2.21 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.69 3.61 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.58 2.02 -0.01
NYPA____HOLTSVILL 23794	30.69 1.68 0.00	28.83 1.21 0.00	26.70 1.00 0.00	26.29 1.13 0.00	25.72 1.22 0.00	26.13 1.01 0.00	28.10 0.97 0.00	27.04 1.14 0.00	25.71 1.34 0.00	24.52 1.75 0.00	26.45 1.89 -0.01	28.09 1.93 -0.01	30.55 2.13 -0.80	33.07 2.47 -0.84	35.02 2.28 -3.59	42.61 2.57 -8.35	44.27 3.39 -1.43	51.93 3.85 -0.01	58.89 4.06 0.00	57.74 3.88 0.00	47.99 3.22 -0.01	43.27 3.21 -0.01	37.79 2.74 -0.01	32.42 1.86 0.00
NYPA____HELLGATE_GT1 24158	30.72 1.71 -0.01	29.13 1.52 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.26 1.13 0.00	28.21 1.09 0.00	26.98 1.09 0.01	25.53 1.17 0.01	24.25 1.48 0.00	26.13 1.57 0.00	27.71 1.57 0.01	29.36 1.74 0.01	31.80 2.05 0.01	31.19 2.04 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.38 3.31 0.01	58.34 3.51 0.01	57.30 3.45 0.01	47.66 2.91 0.01	43.02 2.96 0.00	37.60 2.56 0.00	32.58 2.02 -0.01
NYPA____HELLGATE_GT2 24159	30.72 1.71 -0.01	29.13 1.52 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.26 1.13 0.00	28.21 1.09 0.00	26.98 1.09 0.01	25.53 1.17 0.01	24.25 1.48 0.00	26.13 1.57 0.00	27.71 1.57 0.01	29.36 1.74 0.01	31.80 2.05 0.01	31.19 2.04 0.00	34.01 2.31 0.00	42.75 3.16 -0.15	51.38 3.31 0.01	58.34 3.51 0.01	57.30 3.45 0.01	47.66 2.91 0.01	43.02 2.96 0.00	37.60 2.56 0.00	32.58 2.02 -0.01
NYS_BARGE____HYD 23848	29.03 0.03 0.00	28.00 0.39 0.00	26.13 0.44 0.00	25.26 0.10 0.00	24.67 0.17 0.00	25.43 0.30 0.00	27.36 0.24 0.00	25.90 0.00 0.00	23.62 -0.76 0.00	21.93 -0.84 0.00	23.87 -0.69 0.00	25.44 -0.70 0.00	27.13 -0.50 0.00	29.19 -0.57 0.00	28.45 -0.70 0.00	30.43 -1.27 0.00	37.35 -2.09 0.00	45.34 -2.74 0.00	52.10 -2.74 0.00	50.68 -3.18 0.00	42.79 -1.97 0.00	37.89 -2.16 0.00	34.10 -0.94 0.00	30.87 0.31 0.00
OAK ORCHARD____HYD 24046	29.24 0.23 0.00	27.83 0.22 0.00	25.93 0.23 0.00	25.21 0.05 0.00	24.59 0.10 0.00	25.30 0.18 0.00	27.28 0.16 0.00	26.03 0.13 0.00	24.05 -0.32 0.00	22.38 -0.39 0.00	24.31 -0.25 0.00	25.88 -0.26 0.00	27.51 -0.11 0.00	29.58 -0.18 0.00	28.92 -0.23 0.00	31.19 -0.51 0.00	38.49 -0.95 0.00	47.02 -1.06 0.00	54.01 -0.82 0.00	52.73 -1.13 0.00	44.17 -0.58 0.00	39.26 -0.80 0.00	34.83 -0.21 0.00	30.83 0.27 0.00

OAKDALE___35_KV_LOAD 356122	29.32 0.32 0.00	27.92 0.30 0.00	25.98 0.28 0.00	25.39 0.23 0.00	24.71 0.22 0.00	25.38 0.25 0.00	27.37 0.24 0.00	26.11 0.21 0.00	24.35 -0.02 0.00	22.65 -0.11 0.00	24.51 -0.05 0.00	26.14 0.00 0.00	27.71 0.08 0.00	29.85 0.09 0.00	29.24 0.09 0.00	31.70 0.00 0.00	39.36 -0.08 0.00	47.98 -0.10 0.00	54.89 0.05 0.00	53.91 0.05 0.00	44.94 0.18 0.00	40.14 0.08 0.00	35.29 0.25 0.00	30.96 0.40 0.00
OCC_CHEM___DRP 24175	28.48 -0.52 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.56 -0.60 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.58 -0.54 0.00	25.59 -0.31 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.88 0.00	28.78 -0.98 0.00	28.02 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.42 -3.65 0.00	51.00 -3.84 0.00	49.61 -4.25 0.00	41.94 -2.82 0.00	37.09 -2.96 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
OH_GEN_PROXY 24063	28.89 -0.12 0.00	27.53 -0.08 0.00	25.72 0.03 0.00	24.86 -0.30 0.00	24.25 -0.24 0.00	25.00 -0.13 0.00	26.87 -0.22 0.03	25.70 -0.23 -0.03	23.52 -0.85 0.00	21.83 -0.93 0.00	23.82 -0.74 0.00	25.39 -0.76 0.00	27.04 -0.58 0.00	29.08 -0.68 0.00	28.34 -0.82 0.00	30.30 -1.39 0.00	37.23 -2.21 0.00	45.14 -2.93 0.00	51.77 -3.07 0.00	50.36 -3.50 0.00	42.56 -2.19 0.00	37.69 -2.36 0.00	33.92 -1.12 0.00	30.47 -0.09 0.00
OLIN_CORP_DRP 24177	29.01 0.00 0.00	27.81 0.19 0.00	25.98 0.28 0.00	25.06 -0.10 0.00	24.49 0.00 0.00	25.25 0.13 0.00	27.12 0.00 0.00	25.49 -0.41 0.00	23.40 -0.97 0.00	21.72 -1.05 0.00	23.62 -0.93 0.00	25.18 -0.97 0.00	26.82 -0.80 0.00	28.87 -0.89 0.00	28.10 -1.05 0.00	30.05 -1.65 0.00	36.88 -2.56 0.00	44.66 -3.41 0.00	51.33 -3.51 0.00	49.87 -3.99 0.00	42.16 -2.60 0.00	37.29 -2.76 0.00	33.68 -1.37 0.00	30.56 0.00 0.00
OLIN_CORP_DSASP 323712	29.01 0.00 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.58 -0.58 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.60 -0.52 0.00	25.38 -0.52 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.89 0.00	28.78 -0.98 0.00	28.01 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.47 -3.61 0.00	51.00 -3.84 0.00	49.60 -4.26 0.00	41.98 -2.77 0.00	37.14 -2.92 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
ONEIDA_HERK_LFGE 323681	33.73 0.55 -4.18	34.79 0.36 -6.82	33.63 0.33 -7.60	33.25 0.38 -7.71	32.63 0.29 -7.84	33.24 0.40 -7.71	38.98 0.41 -11.45	33.21 0.34 -6.98	28.90 0.22 -4.31	27.40 0.20 -4.43	28.67 0.22 -3.90	33.97 0.31 -7.51	34.77 0.36 -6.79	34.12 0.24 -4.13	33.55 0.21 -4.19	38.38 0.32 -6.37	45.57 0.51 -5.62	50.96 0.96 -1.92	58.28 1.20 -2.24	57.48 1.29 -2.33	49.33 0.98 -3.59	43.25 0.84 -2.35	37.95 0.56 -2.35	34.04 0.52 -2.96
ONEIDA___115KV_TB4 55905	31.64 0.75 -1.88	31.29 0.61 -3.07	29.71 0.59 -3.42	29.24 0.60 -3.47	28.56 0.54 -3.53	29.23 0.63 -3.47	32.93 0.65 -5.16	29.59 0.54 -3.14	26.70 0.39 -1.94	25.03 0.27 -1.99	26.63 0.32 -1.76	29.92 0.39 -3.38	31.15 0.47 -3.06	32.06 0.45 -1.86	31.45 0.41 -1.89	35.10 0.54 -2.87	42.64 0.67 -2.53	50.10 1.15 -0.86	57.32 1.48 -1.00	56.47 1.56 -1.05	47.71 1.34 -1.61	42.24 1.12 -1.06	36.94 0.84 -1.06	32.69 0.79 -1.33
ONONDAGA_REF_OCCRA 23987	29.68 -0.12 -0.79	28.79 -0.11 -1.29	27.03 -0.10 -1.44	26.49 -0.13 -1.46	25.86 -0.12 -1.49	26.46 -0.13 -1.46	29.16 -0.14 -2.17	27.07 -0.16 -1.32	24.90 -0.29 -0.82	23.29 -0.32 -0.84	24.97 -0.32 -0.74	27.26 -0.31 -1.42	28.61 -0.30 -1.29	30.15 -0.39 -0.78	29.60 -0.35 -0.79	32.43 -0.48 -1.21	39.80 -0.71 -1.06	47.73 -0.72 -0.37	54.55 -0.71 -0.43	53.61 -0.70 -0.45	45.00 -0.45 -0.69	40.02 -0.48 -0.44	35.14 -0.35 -0.45	30.97 -0.15 -0.56
ONONDAGA___COGEN 23986	29.74 0.00 -0.74	28.82 0.00 -1.21	27.04 0.00 -1.34	26.50 -0.03 -1.37	25.86 -0.02 -1.39	26.49 0.00 -1.36	29.12 -0.03 -2.03	27.09 -0.05 -1.23	24.94 -0.19 -0.76	23.30 -0.25 -0.78	25.00 -0.25 -0.69	27.24 -0.24 -1.33	28.60 -0.22 -1.20	30.19 -0.30 -0.73	29.63 -0.26 -0.74	32.47 -0.35 -1.13	39.88 -0.55 -0.99	47.89 -0.53 -0.34	54.74 -0.49 -0.40	53.84 -0.43 -0.41	45.17 -0.22 -0.64	40.19 -0.28 -0.42	35.28 -0.18 -0.42	31.05 -0.03 -0.52
ONTARIO___LFGE 23819	29.59 0.58 0.00	28.11 0.50 0.00	26.18 0.49 0.00	25.54 0.38 0.00	24.88 0.39 0.00	25.58 0.45 0.00	27.61 0.49 0.00	26.29 0.39 0.00	24.35 -0.02 0.00	22.56 -0.21 0.00	24.43 -0.12 0.00	26.07 -0.08 0.00	27.68 0.06 0.00	29.79 0.03 0.00	29.21 0.06 0.00	31.63 -0.06 0.00	39.05 -0.39 0.00	47.93 -0.14 0.00	55.06 0.22 0.00	54.02 0.16 0.00	45.11 0.36 0.00	40.14 0.08 0.00	35.47 0.42 0.00	31.23 0.67 0.00
ORANGEVILLE_WT_PWR 323706	29.30 0.29 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.29 0.13 0.00	24.69 0.20 0.00	25.43 0.30 0.00	27.36 0.24 0.00	26.03 0.13 0.00	23.79 -0.59 0.00	22.02 -0.75 0.00	23.99 -0.56 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.34 -0.42 0.00	28.66 -0.50 0.00	30.75 -0.95 0.00	37.86 -1.58 0.00	46.10 -1.97 0.00	53.19 -1.64 0.00	51.97 -1.89 0.00	43.64 -1.12 0.00	38.70 -1.36 0.00	34.62 -0.42 0.00	30.99 0.43 0.00
ORANGEVILLE___ESR 323794	29.30 0.29 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.29 0.13 0.00	24.69 0.20 0.00	25.43 0.30 0.00	27.36 0.24 0.00	26.03 0.13 0.00	23.79 -0.59 0.00	22.02 -0.75 0.00	23.99 -0.56 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.34 -0.42 0.00	28.66 -0.50 0.00	30.75 -0.95 0.00	37.86 -1.58 0.00	46.10 -1.97 0.00	53.19 -1.64 0.00	51.97 -1.89 0.00	43.64 -1.12 0.00	38.70 -1.36 0.00	34.62 -0.42 0.00	30.99 0.43 0.00
OSWEGATCHIE___HYD 24044	49.93 0.23 -20.69	61.43 0.03 -33.79	63.40 0.05 -37.65	63.45 0.08 -38.22	63.38 0.02 -38.87	63.43 0.10 -38.20	83.96 0.11 -56.73	60.54 0.08 -34.56	45.84 0.10 -21.37	44.81 0.11 -21.93	43.99 0.12 -19.32	63.55 0.18 -37.23	61.46 0.19 -33.65	50.27 0.06 -20.45	49.94 0.03 -20.76	63.40 0.16 -31.54	67.56 0.28 -27.84	58.28 0.67 -9.53	66.79 0.87 -11.08	66.34 0.91 -11.56	63.05 0.49 -17.80	52.13 0.44 -11.63	46.89 0.21 -11.64	45.43 0.18 -14.68
OSWEGO___5 23606	28.54 -0.47 0.00	27.20 -0.41 0.00	25.31 -0.38 0.00	24.76 -0.40 0.00	24.10 -0.39 0.00	24.75 -0.38 0.00	26.69 -0.43 0.00	25.46 -0.44 0.00	23.86 -0.51 0.00	22.24 -0.52 0.00	24.01 -0.54 0.00	25.57 -0.58 0.00	26.99 -0.63 0.00	29.04 -0.71 0.00	28.45 -0.70 0.00	30.87 -0.82 0.00	38.34 -1.10 0.00	46.83 -1.25 0.00	53.47 -1.37 0.00	52.52 -1.34 0.00	43.77 -0.98 0.00	39.10 -0.96 0.00	34.27 -0.77 0.00	29.98 -0.58 0.00
OSWEGO___6 23613	28.54 -0.47 0.00	27.20 -0.41 0.00	25.31 -0.38 0.00	24.76 -0.40 0.00	24.10 -0.39 0.00	24.75 -0.38 0.00	26.69 -0.43 0.00	25.46 -0.44 0.00	23.86 -0.51 0.00	22.24 -0.52 0.00	24.01 -0.54 0.00	25.57 -0.58 0.00	26.99 -0.63 0.00	29.04 -0.71 0.00	28.45 -0.70 0.00	30.87 -0.82 0.00	38.34 -1.10 0.00	46.83 -1.25 0.00	53.47 -1.37 0.00	52.52 -1.34 0.00	43.77 -0.98 0.00	39.10 -0.96 0.00	34.27 -0.77 0.00	29.98 -0.58 0.00

OUTOKUMPU-AB___DRP 24206	29.18 0.17 0.00	27.92 0.30 0.00	26.06 0.36 0.00	25.13 -0.03 0.00	24.57 0.07 0.00	25.33 0.20 0.00	27.23 0.11 0.00	25.98 0.08 0.00	23.69 -0.68 0.00	21.99 -0.77 0.00	24.04 -0.52 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.37 -0.39 0.00	28.63 -0.52 0.00	30.62 -1.08 0.00	37.63 -1.81 0.00	45.53 -2.55 0.00	52.37 -2.47 0.00	50.95 -2.91 0.00	43.01 -1.75 0.00	38.02 -2.04 0.00	34.27 -0.77 0.00	30.90 0.34 0.00
OXBOW___BTM 323836	29.21 0.20 0.00	27.61 0.00 0.00	25.80 0.10 0.00	24.91 -0.25 0.00	24.32 -0.17 0.00	25.07 -0.05 0.00	26.96 -0.16 0.00	25.69 -0.21 0.00	23.50 -0.88 0.00	21.81 -0.96 0.00	23.87 -0.69 0.00	25.39 -0.76 0.00	27.07 -0.55 0.00	29.13 -0.63 0.00	28.37 -0.79 0.00	30.33 -1.36 0.00	37.23 -2.21 0.00	45.10 -2.98 0.00	51.82 -3.02 0.00	50.41 -3.45 0.00	42.56 -2.19 0.00	37.69 -2.36 0.00	33.96 -1.09 0.00	30.56 0.00 0.00
OXBOW___ 24026	28.86 -0.15 0.00	27.61 0.00 0.00	25.80 0.10 0.00	24.88 -0.28 0.00	24.32 -0.17 0.00	25.07 -0.05 0.00	26.93 -0.19 0.00	25.83 -0.08 0.00	23.49 -0.88 0.00	21.81 -0.96 0.00	23.87 -0.69 0.00	25.39 -0.76 0.00	27.04 -0.58 0.00	29.13 -0.62 0.00	28.36 -0.79 0.00	30.33 -1.36 0.00	37.23 -2.21 0.00	45.05 -3.03 0.00	51.82 -3.02 0.00	50.36 -3.50 0.00	42.56 -2.19 0.00	37.61 -2.44 0.00	33.96 -1.09 0.00	30.56 0.00 0.00
OXY_CHEM_DSASP 323612	28.48 -0.52 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.56 -0.60 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.58 -0.54 0.00	25.59 -0.31 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.88 0.00	28.78 -0.98 0.00	28.02 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.42 -3.65 0.00	51.00 -3.84 0.00	49.61 -4.25 0.00	41.94 -2.82 0.00	37.09 -2.96 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
OZONE_PARK_ESR 323760	30.80 1.80 0.00	29.19 1.57 0.00	27.11 1.41 0.00	26.59 1.43 0.00	25.89 1.40 0.00	26.51 1.38 0.00	28.59 1.46 0.00	27.43 1.53 0.00	25.91 1.54 0.00	24.43 1.66 0.00	26.40 1.84 0.00	28.11 1.96 0.00	29.80 2.18 0.00	32.29 2.53 0.00	31.66 2.51 0.00	34.49 2.79 0.00	43.26 3.67 -0.15	52.16 4.09 0.00	59.22 4.39 0.00	58.17 4.31 0.00	48.38 3.63 0.00	43.46 3.40 0.00	37.88 2.84 0.00	32.76 2.20 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.48 -0.52 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.56 -0.60 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.58 -0.54 0.00	25.59 -0.31 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.88 0.00	28.78 -0.98 0.00	28.02 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.42 -3.65 0.00	51.00 -3.84 0.00	49.61 -4.25 0.00	41.94 -2.82 0.00	37.09 -2.96 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
PACKARD___115KV_DUPONT_184 80571	28.48 -0.52 0.00	27.25 -0.36 0.00	25.47 -0.23 0.00	24.56 -0.60 0.00	24.00 -0.49 0.00	24.72 -0.40 0.00	26.58 -0.54 0.00	25.59 -0.31 0.00	23.25 -1.12 0.00	21.58 -1.18 0.00	23.65 -0.91 0.00	25.10 -1.05 0.00	26.74 -0.88 0.00	28.78 -0.98 0.00	28.02 -1.14 0.00	29.92 -1.77 0.00	36.72 -2.72 0.00	44.42 -3.65 0.00	51.00 -3.84 0.00	49.61 -4.25 0.00	41.94 -2.82 0.00	37.09 -2.96 0.00	33.50 -1.54 0.00	30.16 -0.40 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.78 1.77 -0.01	29.16 1.55 0.00	27.08 1.39 0.00	26.55 1.38 -0.01	25.87 1.37 -0.01	26.31 1.18 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.59 1.22 0.00	24.27 1.50 0.00	26.15 1.60 0.00	27.77 1.62 0.00	29.45 1.82 0.00	31.87 2.11 0.00	31.25 2.10 0.00	34.10 2.41 0.00	42.86 3.27 -0.15	51.54 3.46 0.00	58.51 3.67 0.00	57.47 3.61 0.00	47.80 3.04 0.00	43.10 3.04 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.01 2.00 -0.01	29.44 1.82 0.00	27.32 1.62 0.00	26.80 1.64 -0.01	26.12 1.62 -0.01	26.56 1.43 0.00	28.53 1.41 0.00	27.30 1.40 0.00	25.81 1.44 0.00	24.43 1.66 0.00	26.32 1.77 0.00	27.95 1.80 0.00	29.61 1.99 0.00	32.08 2.32 0.00	31.46 2.30 0.00	34.29 2.60 0.00	43.18 3.59 -0.15	51.92 3.85 0.00	58.95 4.11 0.00	57.90 4.04 0.00	48.16 3.40 0.00	43.42 3.36 0.00	37.95 2.91 0.00	32.92 2.35 -0.01
PATROON___115KV_TB1 80586	29.47 0.46 0.00	28.11 0.50 0.00	26.13 0.44 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.55 0.43 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.76 0.39 0.00	23.11 0.34 0.00	24.87 0.32 0.00	26.46 0.31 0.00	27.93 0.30 0.00	30.15 0.39 0.00	29.59 0.44 0.00	32.20 0.51 0.00	39.96 0.63 0.12	48.85 0.77 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.65 0.90 0.00	40.86 0.80 0.00	35.67 0.63 0.00	31.02 0.46 0.00
PATTRSNVILLE___SOLAR 323815	29.91 0.90 0.00	28.44 0.83 0.00	26.47 0.77 0.00	25.94 0.78 0.00	25.25 0.76 0.00	25.90 0.78 0.00	27.93 0.81 0.00	26.60 0.70 0.00	24.83 0.46 0.00	23.04 0.27 0.00	24.65 0.10 0.00	26.22 0.08 0.00	27.71 0.08 0.00	29.97 0.21 0.00	29.44 0.29 0.00	32.14 0.44 0.00	40.09 0.75 0.10	49.33 1.25 0.00	56.59 1.75 0.00	55.74 1.88 0.00	46.41 1.66 0.00	41.54 1.48 0.00	36.30 1.26 0.00	31.57 1.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.01 0.00 0.00	27.75 0.14 0.00	25.90 0.21 0.00	25.01 -0.15 0.00	24.44 -0.05 0.00	25.20 0.08 0.00	27.07 -0.05 0.00	25.75 -0.16 0.00	23.54 -0.83 0.00	21.83 -0.93 0.00	23.84 -0.71 0.00	25.47 -0.68 0.00	27.15 -0.47 0.00	29.25 -0.51 0.00	28.51 -0.64 0.00	30.59 -1.11 0.00	37.63 -1.81 0.00	45.63 -2.45 0.00	52.53 -2.30 0.00	51.17 -2.69 0.00	42.97 -1.79 0.00	38.02 -2.04 0.00	34.20 -0.84 0.00	30.77 0.21 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.57 1.57 0.00	29.02 1.41 0.00	26.98 1.28 0.00	26.47 1.31 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.17 1.27 0.00	25.62 1.24 0.00	24.04 1.27 0.00	25.95 1.40 0.00	27.61 1.46 0.00	29.31 1.68 0.00	31.72 1.96 0.00	31.02 1.87 0.00	33.88 2.19 0.00	42.45 2.88 -0.13	51.49 3.41 0.00	58.56 3.73 0.00	57.47 3.61 0.00	47.84 3.09 0.00	42.90 2.84 0.00	37.39 2.35 0.00	32.42 1.86 0.00
PEEKSKILL___ 23653	30.31 1.31 0.00	28.77 1.16 0.00	26.73 1.03 0.00	26.22 1.06 0.00	25.52 1.03 0.00	26.13 1.01 0.00	28.18 1.06 0.00	26.99 1.09 0.00	25.47 1.10 0.00	23.95 1.18 0.00	25.88 1.33 0.00	27.53 1.38 0.00	29.20 1.57 0.00	31.60 1.85 0.00	30.96 1.81 0.00	33.73 2.03 0.00	42.23 2.64 -0.15	51.06 2.98 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.40 2.64 0.00	42.54 2.48 0.00	37.11 2.07 0.00	32.15 1.59 0.00
PGE MADISON___WINDPWR 24146	31.27 2.26 0.00	29.46 1.85 0.00	27.42 1.72 0.00	26.89 1.74 0.00	26.06 1.57 0.00	26.96 1.83 0.00	29.05 1.93 0.00	27.53 1.63 0.00	25.49 1.12 0.00	23.47 0.71 0.00	25.34 0.79 0.00	27.14 0.99 0.00	28.84 1.22 0.00	30.98 1.22 0.00	30.20 1.05 0.00	33.09 1.39 0.00	41.37 1.93 0.00	51.40 3.32 0.00	59.28 4.44 0.00	58.49 4.63 0.00	48.74 3.98 0.00	43.46 3.40 0.00	37.74 2.70 0.00	33.04 2.48 0.00

PIERCEFIELD___HYD 23852	59.62 0.09 -30.53	77.48 0.03 -49.84	81.29 0.05 -55.54	81.61 0.08 -56.37	81.90 0.07 -57.33	81.58 0.10 -56.35	110.94 0.14 -83.69	77.01 0.13 -50.98	56.19 0.29 -31.52	55.41 0.30 -32.34	53.34 0.29 -28.49	81.40 0.34 -54.91	77.59 0.33 -49.63	60.22 0.30 -30.17	60.07 0.29 -30.63	78.60 0.38 -46.52	81.06 0.55 -41.06	62.90 0.77 -14.06	72.06 0.88 -16.35	71.77 0.86 -17.05	71.42 0.40 -26.26	57.57 0.36 -17.15	52.46 0.25 -17.17	52.40 0.18 -21.66
PINELAWN_CC_1 323563	30.86 1.86 0.00	29.02 1.41 0.00	26.88 1.18 0.00	26.47 1.31 0.00	25.81 1.32 0.00	26.28 1.16 0.00	28.29 1.17 0.00	27.22 1.32 0.00	25.83 1.46 0.00	24.59 1.82 0.00	26.53 1.97 -0.01	28.20 2.04 -0.01	30.75 2.24 -0.89	33.42 2.53 -1.14	35.63 2.42 -4.06	43.57 2.66 -9.22	44.48 3.47 -1.57	52.13 4.04 -0.01	59.17 4.33 0.00	58.06 4.20 0.00	48.17 3.40 -0.01	43.43 3.37 -0.01	37.96 2.91 -0.01	32.67 2.11 0.00
PJM_GEN_HTTP_PROXY 323702	30.51 1.51 0.00	28.94 1.33 0.00	26.88 1.18 0.00	26.37 1.21 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.31 1.22 0.03	27.23 1.29 -0.03	25.69 1.32 0.00	24.23 1.46 0.00	26.15 1.60 0.00	27.84 1.70 0.00	29.53 1.90 0.00	31.96 2.20 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.78 3.19 -0.15	51.59 3.51 0.00	58.57 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	42.98 2.92 0.00	37.50 2.45 0.00	32.42 1.86 0.00
PJM_GEN_KEystone 24065	29.50 0.49 0.00	28.03 0.41 0.00	26.11 0.41 0.00	25.46 0.30 0.00	24.81 0.32 0.00	25.48 0.35 0.00	27.41 0.33 0.03	26.30 0.36 -0.03	24.45 0.07 0.00	22.86 0.09 0.00	24.80 0.25 0.00	26.46 0.31 0.00	28.12 0.50 0.00	30.35 0.59 0.00	29.65 0.50 0.00	32.11 0.41 0.00	39.91 0.39 -0.08	48.32 0.24 0.00	55.22 0.39 0.00	54.02 0.16 0.00	45.11 0.36 0.00	40.30 0.24 0.00	35.57 0.53 0.00	31.23 0.67 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.57 1.57 0.00	28.80 1.19 0.00	26.67 0.98 0.00	26.24 1.08 0.00	25.62 1.13 0.00	26.08 0.95 0.00	28.06 0.97 0.04	27.05 1.11 -0.03	25.61 1.24 0.00	24.36 1.59 0.00	26.26 1.69 -0.01	27.93 1.78 -0.01	30.28 1.90 -0.75	32.61 2.20 -0.65	34.53 2.10 -3.28	41.72 2.25 -7.78	43.66 2.88 -1.35	51.40 3.31 -0.01	58.40 3.56 0.00	57.31 3.45 0.00	47.63 2.87 -0.01	42.83 2.76 -0.01	37.58 2.52 -0.01	32.39 1.83 0.00
PJM_GEN_VFT_PROXY 323633	30.37 1.36 0.00	28.80 1.19 0.00	26.74 1.05 0.01	26.22 1.06 0.00	25.55 1.05 0.00	26.16 1.03 0.00	28.17 1.09 0.03	27.10 1.17 -0.03	25.59 1.22 0.00	24.16 1.39 0.00	26.05 1.50 0.00	27.74 1.60 0.00	29.42 1.79 0.00	31.87 2.11 0.00	31.25 2.10 0.00	34.04 2.35 0.00	42.63 3.04 -0.15	51.35 3.27 0.00	58.29 3.46 0.00	57.26 3.40 0.00	47.62 2.87 0.00	42.78 2.73 0.00	37.32 2.28 0.00	32.30 1.74 0.00
PLATSBURG_115KV_PMLD1 355749	32.00 0.58 -2.41	32.18 0.64 -3.94	30.73 0.64 -4.39	30.24 0.63 -4.45	29.71 0.69 -4.53	30.33 0.75 -4.45	34.63 0.89 -6.61	30.91 0.98 -4.03	28.03 1.17 -2.49	26.51 1.18 -2.55	28.06 1.25 -2.25	31.82 1.33 -4.34	32.90 1.35 -3.92	33.51 1.37 -2.38	32.88 1.31 -2.42	36.86 1.49 -3.67	44.62 1.93 -3.24	51.45 2.26 -1.11	58.70 2.58 -1.29	57.68 2.48 -1.35	48.62 1.79 -2.07	42.98 1.56 -1.35	37.77 1.37 -1.36	33.43 1.16 -1.71
PLEASANTVLY___LBMP 24000	30.17 1.16 0.00	28.63 1.02 0.00	26.62 0.93 0.00	26.11 0.96 0.00	25.42 0.93 0.00	26.03 0.90 0.00	28.10 0.98 0.00	26.89 0.98 0.00	25.35 0.97 0.00	23.81 1.05 0.00	25.71 1.15 0.00	27.35 1.20 0.00	28.98 1.35 0.00	31.34 1.58 0.00	30.67 1.52 0.00	33.41 1.71 0.00	41.86 2.25 -0.17	50.58 2.50 0.00	57.52 2.69 0.00	56.50 2.64 0.00	47.04 2.28 0.00	42.22 2.16 0.00	36.80 1.75 0.00	31.91 1.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.40 1.39 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.57 1.19 0.00	24.06 1.30 0.00	25.98 1.42 0.00	27.66 1.52 0.00	29.31 1.68 0.00	31.72 1.96 0.00	31.08 1.92 0.00	33.85 2.16 0.00	42.39 2.80 -0.15	51.25 3.17 0.00	58.18 3.34 0.00	57.15 3.29 0.00	47.58 2.82 0.00	42.70 2.64 0.00	37.22 2.17 0.00	32.24 1.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.40 1.39 0.00	28.83 1.21 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.26 1.14 0.00	27.07 1.17 0.00	25.57 1.19 0.00	24.06 1.30 0.00	25.98 1.42 0.00	27.66 1.52 0.00	29.31 1.68 0.00	31.72 1.96 0.00	31.08 1.92 0.00	33.85 2.16 0.00	42.39 2.80 -0.15	51.25 3.17 0.00	58.18 3.34 0.00	57.15 3.29 0.00	47.58 2.82 0.00	42.70 2.64 0.00	37.22 2.17 0.00	32.24 1.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.37 1.36 0.00	28.86 1.24 0.00	26.83 1.13 0.00	26.32 1.16 0.00	25.60 1.10 0.00	26.18 1.06 0.00	28.26 1.14 0.00	26.99 1.09 0.00	25.44 1.07 0.00	23.86 1.09 0.00	25.76 1.20 0.00	27.40 1.25 0.00	29.06 1.44 0.00	31.45 1.70 0.00	30.78 1.63 0.00	33.60 1.90 0.00	41.91 2.52 0.05	51.06 2.98 0.00	58.07 3.24 0.00	57.04 3.18 0.00	47.53 2.77 0.00	42.58 2.52 0.00	37.11 2.07 0.00	32.18 1.62 0.00
POLETTI____ 23519	24.61 1.39 5.79	24.64 1.21 4.19	24.61 1.05 2.14	24.61 1.06 1.61	24.61 1.05 0.94	24.61 0.83 1.34	24.61 0.76 3.27	24.62 0.80 2.09	24.64 0.93 0.66	24.11 1.34 0.00	25.95 1.40 0.00	26.65 1.25 0.75	26.65 1.44 2.41	26.65 1.73 4.84	26.64 1.72 4.23	26.64 1.97 7.02	26.68 2.76 15.52	26.98 2.79 23.89	36.95 2.91 20.80	35.85 2.85 20.86	26.65 2.42 20.52	31.82 2.52 10.76	27.26 2.17 9.96	26.64 1.68 5.60
POMONA___ESR 323819	30.28 1.27 0.00	28.75 1.13 0.00	26.73 1.03 0.00	26.19 1.03 0.00	25.50 1.00 0.00	26.10 0.98 0.00	28.15 1.03 0.00	26.97 1.06 0.00	25.42 1.05 0.00	23.90 1.14 0.00	25.83 1.28 0.00	27.50 1.36 0.00	29.20 1.57 0.00	31.57 1.82 0.00	30.93 1.78 0.00	33.69 2.00 0.00	42.22 2.64 -0.14	51.06 2.98 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.40 2.64 0.00	42.54 2.48 0.00	37.11 2.07 0.00	32.15 1.59 0.00
PORT_JEFF_3 23555	30.74 1.74 0.00	28.88 1.27 0.00	26.75 1.05 0.00	26.34 1.18 0.00	25.76 1.27 0.00	26.15 1.03 0.00	28.15 1.03 0.00	27.09 1.19 0.00	25.76 1.39 0.00	24.57 1.80 0.00	26.50 1.94 -0.01	28.17 2.01 -0.01	30.64 2.21 -0.80	33.17 2.56 -0.85	35.14 2.39 -3.59	42.74 2.69 -8.36	44.43 3.55 -1.43	52.13 4.04 -0.01	59.11 4.28 0.00	57.95 4.09 0.00	48.12 3.36 -0.01	43.43 3.37 -0.01	37.89 2.84 -0.01	32.49 1.93 0.00
PORT_JEFF_4 23616	30.74 1.74 0.00	28.88 1.27 0.00	26.75 1.05 0.00	26.34 1.18 0.00	25.76 1.27 0.00	26.15 1.03 0.00	28.15 1.03 0.00	27.09 1.19 0.00	25.76 1.39 0.00	24.57 1.80 0.00	26.50 1.94 -0.01	28.17 2.01 -0.01	30.64 2.21 -0.80	33.17 2.56 -0.85	35.14 2.39 -3.59	42.74 2.69 -8.36	44.43 3.55 -1.43	52.13 4.04 -0.01	59.11 4.28 0.00	57.95 4.09 0.00	48.12 3.36 -0.01	43.43 3.37 -0.01	37.89 2.84 -0.01	32.49 1.93 0.00

PORT_JEFF_IC 23713	30.77 1.77 0.00	28.88 1.27 0.00	26.80 1.10 0.00	26.37 1.21 0.00	25.77 1.27 0.00	26.18 1.06 0.00	28.15 1.03 0.00	27.12 1.22 0.00	25.79 1.41 0.00	24.57 1.80 0.00	26.53 1.96 -0.01	28.19 2.04 -0.01	30.67 2.24 -0.81	33.20 2.59 -0.86	35.18 2.42 -3.61	42.84 2.76 -8.39	44.47 3.59 -1.44	52.22 4.13 -0.01	59.22 4.39 0.00	58.06 4.20 0.00	48.21 3.45 -0.01	43.51 3.45 -0.01	37.93 2.87 -0.01	32.52 1.96 0.00
PPL PILGRIM_ST_GT1 24216	31.00 2.00 0.00	29.13 1.52 0.00	26.98 1.28 0.00	26.57 1.41 0.00	25.94 1.44 0.00	26.38 1.26 0.00	28.37 1.25 0.00	27.33 1.42 0.00	25.95 1.58 0.00	24.73 1.96 0.00	26.68 2.11 -0.01	28.35 2.20 -0.01	30.87 2.43 -0.82	33.42 2.77 -0.90	35.48 2.65 -3.67	43.14 2.95 -8.50	44.72 3.82 -1.46	52.51 4.42 -0.01	59.55 4.72 0.00	58.38 4.52 0.00	48.48 3.71 -0.01	43.75 3.68 -0.01	38.21 3.16 -0.01	32.79 2.23 0.00
PPL PILGRIM_ST_GT2 24217	31.00 2.00 0.00	29.13 1.52 0.00	26.98 1.28 0.00	26.57 1.41 0.00	25.94 1.44 0.00	26.38 1.26 0.00	28.37 1.25 0.00	27.33 1.42 0.00	25.95 1.58 0.00	24.73 1.96 0.00	26.68 2.11 -0.01	28.35 2.20 -0.01	30.87 2.43 -0.82	33.42 2.77 -0.90	35.48 2.65 -3.67	43.14 2.95 -8.50	44.72 3.82 -1.46	52.51 4.42 -0.01	59.55 4.72 0.00	58.38 4.52 0.00	48.48 3.71 -0.01	43.75 3.68 -0.01	38.21 3.16 -0.01	32.79 2.23 0.00
PPL_SHRM_GT3 24213	30.40 1.39 0.00	28.52 0.91 0.00	26.41 0.72 0.00	26.04 0.88 0.00	25.47 0.98 0.00	25.83 0.70 0.00	27.77 0.65 0.00	26.76 0.85 0.00	25.47 1.10 0.00	24.32 1.55 0.00	26.23 1.67 -0.01	27.85 1.70 -0.01	30.33 1.90 -0.81	32.84 2.23 -0.85	34.85 2.10 -3.60	42.51 2.44 -8.37	44.15 3.27 -1.44	51.79 3.70 -0.01	58.73 3.89 0.00	57.63 3.77 0.00	47.81 3.04 -0.01	43.15 3.08 -0.01	37.54 2.49 -0.01	32.15 1.59 0.00
PPL_SHRM_GT4 24214	30.40 1.39 0.00	28.52 0.91 0.00	26.41 0.72 0.00	26.04 0.88 0.00	25.47 0.98 0.00	25.83 0.70 0.00	27.77 0.65 0.00	26.76 0.85 0.00	25.47 1.10 0.00	24.32 1.55 0.00	26.23 1.67 -0.01	27.85 1.70 -0.01	30.33 1.90 -0.81	32.84 2.23 -0.85	34.85 2.10 -3.60	42.51 2.44 -8.37	44.15 3.27 -1.44	51.79 3.70 -0.01	58.73 3.89 0.00	57.63 3.77 0.00	47.81 3.04 -0.01	43.15 3.08 -0.01	37.54 2.49 -0.01	32.15 1.59 0.00
PROJECT___ORANGE 1 24174	29.75 -0.15 -0.89	28.96 -0.11 -1.46	27.22 -0.10 -1.62	26.68 -0.13 -1.65	26.05 -0.12 -1.68	26.65 -0.13 -1.65	29.43 -0.14 -2.45	27.24 -0.16 -1.49	25.00 -0.29 -0.92	23.37 -0.34 -0.95	25.07 -0.32 -0.83	27.41 -0.34 -1.61	28.74 -0.33 -1.45	30.22 -0.42 -0.88	29.67 -0.38 -0.90	32.55 -0.51 -1.36	39.85 -0.79 -1.20	47.67 -0.82 -0.41	54.49 -0.82 -0.47	53.55 -0.81 -0.50	44.98 -0.54 -0.76	40.00 -0.56 -0.50	35.16 -0.39 -0.50	31.01 -0.18 -0.63
PROJECT___ORANGE 2 24166	29.75 -0.15 -0.89	28.96 -0.11 -1.46	27.22 -0.10 -1.62	26.68 -0.13 -1.65	26.05 -0.12 -1.68	26.65 -0.13 -1.65	29.43 -0.14 -2.45	27.24 -0.16 -1.49	25.00 -0.29 -0.92	23.37 -0.34 -0.95	25.07 -0.32 -0.83	27.41 -0.34 -1.61	28.74 -0.33 -1.45	30.22 -0.42 -0.88	29.67 -0.38 -0.90	32.55 -0.51 -1.36	39.85 -0.79 -1.20	47.67 -0.82 -0.41	54.49 -0.82 -0.47	53.55 -0.81 -0.50	44.98 -0.54 -0.76	40.00 -0.56 -0.50	35.16 -0.39 -0.50	31.01 -0.18 -0.63
PUCKETT___SOLAR 323809	29.82 0.81 0.00	28.30 0.69 0.00	26.34 0.64 0.00	25.76 0.60 0.00	25.06 0.56 0.00	25.75 0.63 0.00	27.77 0.65 0.00	26.47 0.57 0.00	24.59 0.22 0.00	22.79 0.02 0.00	24.60 0.05 0.00	26.25 0.10 0.00	27.84 0.22 0.00	30.00 0.24 0.00	29.36 0.21 0.00	31.92 0.22 0.00	39.72 0.28 0.00	48.75 0.67 0.00	55.93 1.10 0.00	55.04 1.18 0.00	45.88 1.12 0.00	40.98 0.92 0.00	35.88 0.84 0.00	31.48 0.92 0.00
PYRITES___HYD 24023	61.78 0.44 -32.34	80.75 0.33 -52.81	84.85 0.31 -58.85	85.22 0.33 -59.73	85.53 0.29 -60.74	85.21 0.38 -59.71	116.23 0.43 -88.67	80.28 0.36 -54.02	58.24 0.46 -33.40	57.42 0.39 -34.27	55.14 0.39 -30.19	84.80 0.47 -58.18	80.68 0.47 -52.59	62.17 0.45 -31.96	62.04 0.44 -32.45	81.59 0.60 -49.29	83.82 0.87 -43.51	64.27 1.30 -14.89	73.80 1.65 -17.32	73.65 1.72 -18.07	73.66 1.07 -27.83	59.16 0.92 -18.18	53.90 0.67 -18.19	54.06 0.55 -22.95
QUAKERRD_115KV_BK1 80622	28.54 -0.46 0.00	27.20 -0.41 0.00	25.34 -0.36 0.00	24.66 -0.50 0.00	24.05 -0.44 0.00	24.75 -0.38 0.00	26.69 -0.43 0.00	25.46 -0.44 0.00	23.62 -0.76 0.00	21.97 -0.80 0.00	23.82 -0.74 0.00	25.36 -0.78 0.00	26.93 -0.69 0.00	28.95 -0.80 0.00	28.34 -0.82 0.00	30.62 -1.08 0.00	37.82 -1.62 0.00	46.20 -1.88 0.00	53.03 -1.81 0.00	51.87 -1.99 0.00	43.37 -1.39 0.00	38.54 -1.52 0.00	34.13 -0.91 0.00	30.13 -0.43 0.00
QUENSBRY_115KV_TB8 356137	31.33 2.32 0.00	29.74 2.13 0.00	27.65 1.95 0.00	27.15 1.99 0.00	26.45 1.96 0.00	27.16 2.04 0.00	29.26 2.14 0.00	27.92 2.02 0.00	26.05 1.68 0.00	24.16 1.39 0.00	25.49 0.93 0.00	27.14 0.99 0.00	28.56 0.94 0.00	30.98 1.22 0.00	30.41 1.25 0.00	33.31 1.62 0.00	41.46 2.17 0.15	51.25 3.17 0.00	59.61 4.77 0.00	58.65 4.79 0.00	49.05 4.30 0.00	43.70 3.65 0.00	38.16 3.12 0.00	33.13 2.57 0.00
RAMAPO___LBMP 323565	30.19 1.19 0.00	28.63 1.02 0.00	26.62 0.93 0.00	26.11 0.96 0.00	25.42 0.93 0.00	26.03 0.90 0.00	28.07 0.95 0.00	26.89 0.98 0.00	25.35 0.97 0.00	23.81 1.05 0.00	25.73 1.18 0.00	27.40 1.25 0.00	29.09 1.46 0.00	31.45 1.70 0.00	30.78 1.63 0.00	33.57 1.87 0.00	42.02 2.45 -0.14	50.82 2.74 0.00	57.74 2.91 0.00	56.71 2.85 0.00	47.13 2.37 0.00	42.34 2.28 0.00	36.94 1.89 0.00	32.00 1.44 0.00
RANKINE____ 23646	29.27 0.26 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.21 0.05 0.00	24.64 0.15 0.00	25.40 0.28 0.00	27.28 0.16 0.00	26.01 0.10 0.00	23.79 -0.58 0.00	22.06 -0.71 0.00	24.09 -0.47 0.00	25.70 -0.44 0.00	27.40 -0.22 0.00	29.49 -0.27 0.00	28.74 -0.41 0.00	30.81 -0.89 0.00	37.86 -1.58 0.00	45.87 -2.21 0.00	52.81 -2.03 0.00	51.44 -2.42 0.00	43.28 -1.48 0.00	38.30 -1.76 0.00	34.48 -0.56 0.00	30.99 0.43 0.00
RAVENSWOOD_GT2_1 24244	30.57 1.57 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.69 1.32 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.82 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.89 0.00
RAVENSWOOD_GT2_2 24245	30.57 1.57 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.69 1.32 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.82 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.46 1.89 0.00



RAVENSWOOD_GT2_3 24246	30.57 1.57 0.00	28.99 1.38 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.18 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.17 2.47 0.00	42.82 3.23 -0.15	51.64 3.56 0.00	58.62 3.78 0.00	57.58 3.72 0.00	47.89 3.13 0.00	43.06 3.00 0.00	37.53 2.49 0.00	32.49 1.93 0.00
RAVENSWOOD_GT2_4 24247	30.57 1.57 0.00	28.99 1.38 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.25 1.48 0.00	26.18 1.62 0.00	27.87 1.73 0.00	29.56 1.93 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.17 2.47 0.00	42.82 3.23 -0.15	51.64 3.56 0.00	58.62 3.78 0.00	57.58 3.72 0.00	47.89 3.13 0.00	43.06 3.00 0.00	37.53 2.49 0.00	32.49 1.93 0.00
RAVENSWOOD_GT3_1 24248	30.57 1.57 0.00	28.97 1.35 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.17 2.47 0.00	42.82 3.23 -0.15	51.64 3.56 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.53 2.49 0.00	32.46 1.89 0.00
RAVENSWOOD_GT3_2 24249	30.57 1.57 0.00	28.97 1.35 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.17 2.47 0.00	42.82 3.23 -0.15	51.64 3.56 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.53 2.49 0.00	32.46 1.89 0.00
RAVENSWOOD_GT3_3 24250	30.60 1.60 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.27 1.50 0.00	26.20 1.65 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.02 2.26 0.00	31.40 2.24 0.00	34.20 2.50 0.00	42.86 3.27 -0.15	51.68 3.61 0.00	58.73 3.89 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.10 3.04 0.00	37.57 2.52 0.00	32.52 1.96 0.00
RAVENSWOOD_GT3_4 24251	30.60 1.60 0.00	29.02 1.41 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.74 1.25 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.27 1.50 0.00	26.20 1.65 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.02 2.26 0.00	31.40 2.24 0.00	34.20 2.50 0.00	42.86 3.27 -0.15	51.68 3.61 0.00	58.73 3.89 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.10 3.04 0.00	37.57 2.52 0.00	32.52 1.96 0.00
RAVENSWOOD_GT_1 23729	30.73 1.71 -0.01	29.10 1.49 0.00	27.03 1.34 0.00	26.55 1.38 -0.01	25.85 1.35 -0.01	26.38 1.26 0.00	28.40 1.27 0.00	27.20 1.30 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.22 1.67 0.00	27.90 1.75 0.00	29.58 1.96 0.00	32.05 2.29 0.00	31.43 2.27 0.00	34.23 2.54 0.00	43.02 3.43 -0.15	51.78 3.70 0.00	58.78 3.95 0.00	57.74 3.88 0.00	47.98 3.22 0.00	43.18 3.12 0.00	37.67 2.63 0.00	32.65 2.08 -0.01
RAVENSWOOD_GT_10 24258	30.57 1.57 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.82 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.00
RAVENSWOOD_GT_11 24259	30.57 1.57 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.82 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.00
RAVENSWOOD_GT_4 24252	30.54 1.54 0.01	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.01	25.69 1.20 0.01	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.79 3.19 -0.15	51.59 3.51 0.00	58.56 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.01
RAVENSWOOD_GT_5 24254	30.54 1.54 0.01	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.01	25.69 1.20 0.01	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.79 3.19 -0.15	51.59 3.51 0.00	58.56 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.01
RAVENSWOOD_GT_6 24253	30.54 1.54 0.01	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.01	25.69 1.20 0.01	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.79 3.19 -0.15	51.59 3.51 0.00	58.56 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.01
RAVENSWOOD_GT_7 24255	30.54 1.54 0.01	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.01	25.69 1.20 0.01	26.28 1.16 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.79 3.19 -0.15	51.59 3.51 0.00	58.56 3.73 0.00	57.52 3.66 0.00	47.84 3.09 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.57 1.57 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.82 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.00
RAVENSWOOD_GT_9 24257	30.57 1.57 0.00	28.97 1.35 0.00	26.91 1.21 0.00	26.39 1.23 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.30 0.00	25.71 1.34 0.00	24.22 1.46 0.00	26.18 1.62 0.00	27.84 1.70 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.14 2.44 0.00	42.82 3.23 -0.15	51.59 3.51 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.50 2.45 0.00	32.45 1.89 0.00

RAVENSWOOD___1 23533	30.70 1.68 -0.01	29.10 1.49 0.00	27.03 1.34 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.36 1.23 0.00	28.40 1.27 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.29 1.53 0.00	26.23 1.67 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.40 2.24 0.00	34.23 2.54 0.00	42.98 3.39 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.14 3.08 0.00	37.67 2.63 0.00	32.62 2.05 -0.01
RAVENSWOOD___2 23534	30.67 1.65 -0.01	29.08 1.46 0.00	27.01 1.31 0.00	26.50 1.33 -0.01	25.82 1.32 -0.01	26.36 1.23 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.71 1.34 0.00	24.29 1.53 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.56 1.93 0.00	32.02 2.26 0.00	31.40 2.24 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.68 3.82 0.00	47.98 3.22 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.58 2.02 -0.01
RAVENSWOOD___3 23535	30.54 1.54 0.00	28.97 1.35 0.00	26.93 1.23 0.00	26.39 1.23 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.37 1.25 0.00	27.20 1.29 0.00	25.71 1.34 0.00	24.23 1.46 0.00	26.17 1.62 0.00	27.84 1.70 0.00	29.53 1.90 0.00	31.99 2.23 0.00	31.34 2.19 0.00	34.17 2.47 0.00	42.83 3.23 -0.15	51.64 3.56 0.00	58.62 3.78 0.00	57.52 3.66 0.00	47.89 3.13 0.00	43.02 2.96 0.00	37.53 2.49 0.00	32.46 1.90 0.00
RAVENSWOOD___4 23820	30.66 1.65 -0.01	29.07 1.46 0.00	27.01 1.31 0.00	26.47 1.31 -0.01	25.80 1.30 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.27 1.50 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.90 0.00	31.99 2.23 0.00	31.37 2.21 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.58 2.02 -0.01
RCPL_TRUST___DRP 24196	30.57 1.57 0.00	28.99 1.38 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.25 1.48 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.58 1.96 0.00	32.02 2.26 0.00	31.40 2.24 0.00	34.20 2.50 0.00	42.86 3.27 -0.15	51.68 3.61 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.06 3.00 0.00	37.53 2.49 0.00	32.49 1.93 0.00
RED___ROCHESTER 323720	29.41 0.41 0.00	27.97 0.36 0.00	26.06 0.36 0.00	25.36 0.20 0.00	24.71 0.22 0.00	25.43 0.30 0.00	27.45 0.33 0.00	26.16 0.26 0.00	24.20 -0.17 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.04 -0.10 0.00	27.68 0.06 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.41 -0.29 0.00	38.77 -0.67 0.00	47.45 -0.63 0.00	54.51 -0.33 0.00	53.22 -0.64 0.00	44.53 -0.22 0.00	39.58 -0.48 0.00	35.11 0.07 0.00	31.05 0.49 0.00
REGAN___SOLAR 323812	30.54 1.54 0.00	28.99 1.38 0.00	26.96 1.26 0.00	26.44 1.28 0.00	25.77 1.27 0.00	26.46 1.33 0.00	28.50 1.38 0.00	27.02 1.11 0.00	24.88 0.51 0.00	22.79 0.02 0.00	24.19 -0.37 0.00	25.68 -0.47 0.00	27.10 -0.53 0.00	29.43 -0.33 0.00	29.04 -0.12 0.00	31.92 0.22 0.00	40.14 0.79 0.09	49.95 1.87 0.00	58.07 3.23 0.00	57.31 3.45 0.00	47.71 2.95 0.00	42.62 2.57 0.00	37.18 2.14 0.00	32.30 1.74 0.00
RENSSELAER___COGEN 23796	29.33 0.32 0.00	28.00 0.39 0.00	26.06 0.36 0.00	25.54 0.38 0.00	24.86 0.37 0.00	25.45 0.33 0.00	27.47 0.35 0.00	26.24 0.34 0.00	24.67 0.29 0.00	23.04 0.27 0.00	24.80 0.25 0.00	26.38 0.23 0.00	27.87 0.25 0.00	30.06 0.30 0.00	29.47 0.32 0.00	32.08 0.38 0.00	39.84 0.51 0.11	48.66 0.58 0.00	55.44 0.60 0.00	54.51 0.65 0.00	45.43 0.67 0.00	40.66 0.60 0.00	35.50 0.45 0.00	30.90 0.34 0.00
REPUBLIC_115KV_BARTNBK 55605	32.37 3.36 0.00	30.71 3.09 0.00	28.52 2.83 0.00	28.05 2.89 0.00	27.36 2.87 0.00	28.09 2.96 0.00	30.24 3.12 0.00	28.83 2.93 0.00	26.76 2.39 0.00	24.73 1.96 0.00	26.03 1.47 0.00	27.74 1.59 0.00	29.11 1.49 0.00	31.66 1.90 0.00	31.16 2.01 0.00	34.23 2.54 0.00	42.68 3.39 0.15	53.03 4.95 0.00	61.91 7.07 0.00	60.97 7.11 0.00	50.93 6.18 0.00	45.31 5.25 0.00	39.53 4.49 0.00	34.29 3.73 0.00
REVERE_CPPR_DRP 24186	32.65 0.93 -2.72	32.77 0.72 -4.44	31.31 0.67 -4.95	30.86 0.68 -5.02	30.19 0.59 -5.11	30.87 0.73 -5.02	35.33 0.76 -7.45	31.07 0.62 -4.54	27.62 0.44 -2.81	25.99 0.34 -2.88	27.49 0.39 -2.54	31.53 0.50 -4.89	32.62 0.58 -4.42	32.95 0.51 -2.69	32.35 0.47 -2.73	36.47 0.63 -4.14	43.97 0.87 -3.66	50.82 1.49 -1.25	58.21 1.92 -1.45	57.37 1.99 -1.52	48.75 1.66 -2.34	42.99 1.40 -1.53	37.62 1.05 -1.53	33.44 0.95 -1.93
REYNLDPA_13_KV_LD 356490	24.37 -0.09 4.55	20.13 -0.06 7.43	17.37 -0.05 8.28	16.71 -0.05 8.40	15.93 -0.02 8.54	16.70 -0.03 8.40	14.62 -0.03 12.47	18.31 0.00 7.60	19.85 0.17 4.70	18.13 0.18 4.82	20.48 0.17 4.25	18.17 0.21 8.18	20.42 0.19 7.40	25.44 0.18 4.50	24.76 0.18 4.56	24.95 0.19 6.93	33.60 0.28 6.12	46.27 0.29 2.09	52.68 0.28 2.44	51.53 0.22 2.54	40.80 -0.04 3.91	37.46 -0.04 2.56	32.49 0.00 2.56	27.30 -0.03 3.23
REYNOLDS_115KV_TB3 80639	29.59 0.58 0.00	28.19 0.58 0.00	26.24 0.54 0.00	25.71 0.55 0.00	25.01 0.51 0.00	25.63 0.50 0.00	27.66 0.54 0.00	26.42 0.52 0.00	24.86 0.49 0.00	23.22 0.46 0.00	24.97 0.42 0.00	26.56 0.42 0.00	28.06 0.44 0.00	30.26 0.51 0.00	29.68 0.52 0.00	32.33 0.63 0.00	40.09 0.79 0.14	48.99 0.91 0.00	55.82 0.99 0.00	54.83 0.97 0.00	45.74 0.98 0.00	40.98 0.92 0.00	35.78 0.74 0.00	31.11 0.55 0.00
RIVERBAY____ 323610	31.01 2.00 -0.01	29.44 1.82 0.00	27.32 1.62 0.00	26.80 1.64 -0.01	26.12 1.62 -0.01	26.56 1.43 0.00	28.53 1.41 0.00	27.30 1.40 0.00	25.81 1.44 0.00	24.43 1.66 0.00	26.32 1.77 0.00	27.95 1.80 0.00	29.61 1.99 0.00	32.08 2.32 0.00	31.46 2.30 0.00	34.29 2.60 0.00	43.18 3.59 -0.15	51.92 3.85 0.00	58.95 4.11 0.00	57.90 4.04 0.00	48.16 3.40 0.00	43.42 3.36 0.00	37.95 2.91 0.00	32.92 2.35 -0.01
RIVERSDE_115KV_TB3 55908	29.47 0.46 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.64 0.48 0.00	24.93 0.44 0.00	25.55 0.43 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.90 0.34 0.00	26.46 0.31 0.00	27.95 0.33 0.00	30.17 0.42 0.00	29.59 0.44 0.00	32.20 0.51 0.00	39.99 0.67 0.13	48.85 0.77 0.00	55.66 0.82 0.00	54.72 0.86 0.00	45.61 0.85 0.00	40.86 0.80 0.00	35.67 0.63 0.00	31.02 0.46 0.00
ROARING___BROOK_WT_PWR 323790	28.89 -0.12 0.00	27.50 -0.11 0.00	25.62 -0.08 0.00	25.11 -0.05 0.00	24.47 -0.02 0.00	25.10 -0.03 0.00	27.12 0.00 0.00	25.90 0.00 0.00	24.40 0.02 0.00	22.79 0.02 0.00	24.58 0.02 0.00	26.14 0.00 0.00	27.62 0.00 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.70 0.00 0.00	39.44 0.00 0.00	48.08 0.00 0.00	54.84 0.00 0.00	53.81 -0.05 0.00	44.67 -0.09 0.00	39.94 -0.12 0.00	34.94 -0.10 0.00	30.47 -0.09 0.00

ROCHESRG_115KV_T4 355643	29.09 0.09 0.00	27.72 0.11 0.00	25.85 0.15 0.00	25.11 -0.05 0.00	24.49 0.00 0.00	25.20 0.08 0.00	27.18 0.05 0.00	25.93 0.03 0.00	23.98 -0.39 0.00	22.31 -0.46 0.00	24.24 -0.32 0.00	25.81 -0.34 0.00	27.40 -0.22 0.00	29.46 -0.30 0.00	28.83 -0.32 0.00	31.06 -0.63 0.00	38.38 -1.06 0.00	46.78 -1.30 0.00	53.74 -1.10 0.00	52.46 -1.40 0.00	43.95 -0.81 0.00	39.06 -1.00 0.00	34.69 -0.35 0.00	30.71 0.15 0.00
ROCHESTER_9_IC 23652	29.24 0.23 0.00	27.86 0.25 0.00	25.95 0.26 0.00	25.23 0.08 0.00	24.62 0.12 0.00	25.33 0.20 0.00	27.31 0.19 0.00	26.06 0.16 0.00	24.10 -0.27 0.00	22.43 -0.34 0.00	24.33 -0.22 0.00	25.91 -0.24 0.00	27.54 -0.08 0.00	29.61 -0.15 0.00	28.98 -0.17 0.00	31.25 -0.44 0.00	38.57 -0.87 0.00	47.12 -0.96 0.00	54.12 -0.71 0.00	52.84 -1.02 0.00	44.26 -0.49 0.00	39.30 -0.76 0.00	34.90 -0.14 0.00	30.90 0.34 0.00
ROCKVIEW_13_KV_LD 356306	30.51 1.51 0.00	28.94 1.33 0.00	26.91 1.21 0.00	26.39 1.23 0.00	25.69 1.20 0.00	26.28 1.16 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.66 1.29 0.00	24.18 1.41 0.00	26.13 1.57 0.00	27.82 1.67 0.00	29.50 1.88 0.00	31.96 2.20 0.00	31.28 2.13 0.00	34.10 2.41 0.00	42.71 3.12 -0.15	51.59 3.51 0.00	58.56 3.73 0.00	57.52 3.66 0.00	47.89 3.13 0.00	42.98 2.92 0.00	37.46 2.42 0.00	32.39 1.83 0.00
ROME____115KV_TB2 80656	32.65 0.93 -2.72	32.77 0.72 -4.44	31.31 0.67 -4.95	30.86 0.68 -5.02	30.19 0.59 -5.11	30.87 0.73 -5.02	35.33 0.76 -7.45	31.07 0.62 -4.54	27.62 0.44 -2.81	25.99 0.34 -2.88	27.49 0.39 -2.54	31.53 0.50 -4.89	32.62 0.58 -4.42	32.95 0.51 -2.69	32.35 0.47 -2.73	36.47 0.63 -4.14	43.97 0.87 -3.66	50.82 1.49 -1.25	58.21 1.92 -1.45	57.37 1.99 -1.52	48.75 1.66 -2.34	42.99 1.40 -1.53	37.62 1.05 -1.53	33.44 0.95 -1.93
ROSETON____1 23587	30.14 1.13 0.00	28.61 0.99 0.00	26.60 0.90 0.00	26.09 0.93 0.00	25.40 0.91 0.00	26.00 0.88 0.00	28.07 0.95 0.00	26.86 0.96 0.00	25.32 0.95 0.00	23.77 1.00 0.00	25.68 1.13 0.00	27.32 1.18 0.00	28.95 1.33 0.00	31.30 1.55 0.00	30.67 1.51 0.00	33.37 1.68 0.00	41.79 2.21 -0.14	50.58 2.50 0.00	57.47 2.63 0.00	56.45 2.59 0.00	46.99 2.24 0.00	42.18 2.12 0.00	36.80 1.75 0.00	31.90 1.34 0.00
ROSETON____2 23588	30.14 1.13 0.00	28.61 0.99 0.00	26.60 0.90 0.00	26.09 0.93 0.00	25.40 0.91 0.00	26.00 0.88 0.00	28.07 0.95 0.00	26.86 0.96 0.00	25.32 0.95 0.00	23.77 1.00 0.00	25.68 1.13 0.00	27.32 1.18 0.00	28.95 1.33 0.00	31.30 1.55 0.00	30.67 1.51 0.00	33.37 1.68 0.00	41.79 2.21 -0.14	50.58 2.50 0.00	57.47 2.63 0.00	56.45 2.59 0.00	46.99 2.24 0.00	42.18 2.12 0.00	36.80 1.75 0.00	31.90 1.34 0.00
ROTTTRDAM_115KV_TB3 80664	29.76 0.75 0.00	28.30 0.69 0.00	26.34 0.64 0.00	25.81 0.65 0.00	25.13 0.64 0.00	25.75 0.63 0.00	27.80 0.68 0.00	26.52 0.62 0.00	24.91 0.54 0.00	23.22 0.46 0.00	24.95 0.39 0.00	26.56 0.42 0.00	28.06 0.44 0.00	30.29 0.54 0.00	29.71 0.55 0.00	32.36 0.67 0.00	40.25 0.91 0.10	49.23 1.15 0.00	56.26 1.43 0.00	55.31 1.45 0.00	46.10 1.34 0.00	41.26 1.20 0.00	36.06 1.02 0.00	31.39 0.83 0.00
RUSSELL____1 23602	29.38 0.38 0.00	27.97 0.36 0.00	26.06 0.36 0.00	25.34 0.18 0.00	24.71 0.22 0.00	25.43 0.30 0.00	27.45 0.33 0.00	26.16 0.26 0.00	24.20 -0.17 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.04 -0.10 0.00	27.68 0.06 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.41 -0.29 0.00	38.81 -0.63 0.00	47.40 -0.67 0.00	54.51 -0.33 0.00	53.21 -0.65 0.00	44.53 -0.22 0.00	39.54 -0.52 0.00	35.11 0.07 0.00	31.05 0.49 0.00
RUSSELL____2 23532	29.38 0.38 0.00	27.97 0.36 0.00	26.06 0.36 0.00	25.34 0.18 0.00	24.71 0.22 0.00	25.43 0.30 0.00	27.45 0.33 0.00	26.16 0.26 0.00	24.20 -0.17 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.04 -0.10 0.00	27.68 0.06 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.41 -0.29 0.00	38.81 -0.63 0.00	47.40 -0.67 0.00	54.51 -0.33 0.00	53.21 -0.65 0.00	44.53 -0.22 0.00	39.54 -0.52 0.00	35.11 0.07 0.00	31.05 0.49 0.00
RUSSELL____3 23549	29.38 0.38 0.00	27.97 0.36 0.00	26.06 0.36 0.00	25.34 0.18 0.00	24.71 0.22 0.00	25.43 0.30 0.00	27.45 0.33 0.00	26.16 0.26 0.00	24.20 -0.17 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.04 -0.10 0.00	27.68 0.06 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.41 -0.29 0.00	38.81 -0.63 0.00	47.40 -0.67 0.00	54.51 -0.33 0.00	53.21 -0.65 0.00	44.53 -0.22 0.00	39.54 -0.52 0.00	35.11 0.07 0.00	31.05 0.49 0.00
RUSSELL____4 23556	29.38 0.38 0.00	27.97 0.36 0.00	26.06 0.36 0.00	25.34 0.18 0.00	24.71 0.22 0.00	25.43 0.30 0.00	27.45 0.33 0.00	26.16 0.26 0.00	24.20 -0.17 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.04 -0.10 0.00	27.68 0.06 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.41 -0.29 0.00	38.81 -0.63 0.00	47.40 -0.67 0.00	54.51 -0.33 0.00	53.21 -0.65 0.00	44.53 -0.22 0.00	39.54 -0.52 0.00	35.11 0.07 0.00	31.05 0.49 0.00
RUSSELL____STATION 23914	29.38 0.38 0.00	27.97 0.36 0.00	26.06 0.36 0.00	25.34 0.18 0.00	24.71 0.22 0.00	25.43 0.30 0.00	27.45 0.33 0.00	26.16 0.26 0.00	24.20 -0.17 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.04 -0.10 0.00	27.68 0.06 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.41 -0.29 0.00	38.81 -0.63 0.00	47.40 -0.67 0.00	54.51 -0.33 0.00	53.21 -0.65 0.00	44.53 -0.22 0.00	39.54 -0.52 0.00	35.11 0.07 0.00	31.05 0.49 0.00
S SALMON____HYD 24043	31.99 -0.03 -3.01	32.37 -0.16 -4.92	31.02 -0.15 -5.48	30.57 -0.15 -5.56	29.98 -0.17 -5.66	30.56 -0.13 -5.56	35.24 -0.13 -8.26	30.73 -0.21 -5.03	27.17 -0.32 -3.11	25.59 -0.37 -3.19	26.97 -0.39 -2.81	31.20 -0.37 -5.42	32.13 -0.39 -4.90	32.23 -0.51 -2.98	31.68 -0.50 -3.02	35.78 -0.51 -4.59	42.78 -0.71 -4.05	48.84 -0.63 -1.39	55.85 -0.60 -1.61	55.06 -0.49 -1.68	47.04 -0.31 -2.59	41.43 -0.32 -1.69	36.46 -0.28 -1.69	32.52 -0.18 -2.14
S.PERRY__115KV_TB1 80734	30.31 1.31 0.00	28.83 1.21 0.00	26.85 1.16 0.00	26.11 0.96 0.00	25.50 1.00 0.00	26.23 1.11 0.00	28.31 1.19 0.00	26.91 1.01 0.00	24.64 0.27 0.00	22.70 -0.07 0.00	24.60 0.05 0.00	26.17 0.03 0.00	27.87 0.25 0.00	30.03 0.27 0.00	29.44 0.29 0.00	31.82 0.13 0.00	39.40 -0.04 0.00	48.51 0.43 0.00	56.21 1.37 0.00	55.10 1.24 0.00	46.10 1.34 0.00	40.86 0.80 0.00	36.24 1.19 0.00	32.09 1.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.09 0.09 0.00	27.83 0.22 0.00	25.98 0.28 0.00	25.08 -0.08 0.00	24.52 0.02 0.00	25.25 0.13 0.00	27.15 0.03 0.00	25.90 0.00 0.00	23.69 -0.68 0.00	21.99 -0.77 0.00	24.01 -0.54 0.00	25.60 -0.55 0.00	27.26 -0.36 0.00	29.37 -0.39 0.00	28.60 -0.55 0.00	30.62 -1.08 0.00	37.63 -1.81 0.00	45.53 -2.55 0.00	52.37 -2.47 0.00	50.95 -2.91 0.00	43.01 -1.75 0.00	38.02 -2.04 0.00	34.27 -0.77 0.00	30.80 0.24 0.00

SAWYER___23_KV_LOAD 55526	29.09 0.09 0.00	27.83 0.22 0.00	25.98 0.28 0.00	25.08 -0.08 0.00	24.52 0.02 0.00	25.25 0.13 0.00	27.15 0.03 0.00	25.90 0.00 0.00	23.69 -0.68 0.00	21.99 -0.77 0.00	24.01 -0.54 0.00	25.60 -0.55 0.00	27.26 -0.36 0.00	29.37 -0.39 0.00	28.60 -0.55 0.00	30.62 -1.08 0.00	37.63 -1.81 0.00	45.53 -2.55 0.00	52.37 -2.47 0.00	50.95 -2.91 0.00	43.01 -1.75 0.00	38.02 -2.04 0.00	34.27 -0.77 0.00	30.80 0.24 0.00
SELKIRK___I 23801	29.59 0.58 0.00	28.22 0.61 0.00	26.26 0.56 0.00	25.74 0.58 0.00	25.06 0.56 0.00	25.68 0.55 0.00	27.69 0.57 0.00	26.39 0.49 0.00	24.76 0.39 0.00	23.09 0.32 0.00	24.83 0.27 0.00	26.38 0.23 0.00	27.87 0.25 0.00	30.09 0.33 0.00	29.53 0.38 0.00	32.14 0.44 0.00	40.00 0.63 0.07	48.89 0.82 0.00	55.82 0.99 0.00	54.88 1.02 0.00	45.74 0.98 0.00	40.98 0.92 0.00	35.81 0.77 0.00	31.17 0.61 0.00
SELKIRK___II 23799	29.47 0.46 0.00	28.08 0.47 0.00	26.13 0.44 0.00	25.61 0.45 0.00	24.93 0.44 0.00	25.53 0.40 0.00	27.55 0.43 0.00	26.32 0.41 0.00	24.74 0.37 0.00	23.13 0.36 0.00	24.90 0.34 0.00	26.48 0.34 0.00	27.98 0.36 0.00	30.21 0.45 0.00	29.62 0.46 0.00	32.23 0.54 0.00	40.07 0.71 0.08	48.84 0.77 0.00	55.66 0.82 0.00	54.72 0.86 0.00	45.60 0.85 0.00	40.86 0.80 0.00	35.68 0.63 0.00	31.05 0.49 0.00
SENECA OSWGO___HYD 24041	29.73 -0.29 -1.01	28.99 -0.28 -1.65	27.28 -0.26 -1.84	26.75 -0.28 -1.87	26.12 -0.27 -1.90	26.71 -0.28 -1.87	29.59 -0.30 -2.77	27.28 -0.31 -1.69	25.00 -0.41 -1.04	23.40 -0.43 -1.07	25.06 -0.44 -0.94	27.49 -0.47 -1.82	28.77 -0.50 -1.64	30.16 -0.59 -1.00	29.61 -0.55 -1.01	32.57 -0.67 -1.54	39.89 -0.91 -1.36	47.58 -0.96 -0.46	54.33 -1.04 -0.54	53.46 -0.97 -0.56	44.91 -0.72 -0.87	39.94 -0.68 -0.57	35.05 -0.56 -0.57	30.88 -0.40 -0.72
SENECA___115KV_TB3 355854	29.30 0.29 0.00	28.00 0.39 0.00	26.16 0.46 0.00	25.23 0.08 0.00	24.66 0.17 0.00	25.43 0.30 0.00	27.31 0.19 0.00	26.03 0.13 0.00	23.81 -0.56 0.00	22.08 -0.68 0.00	24.14 -0.42 0.00	25.73 -0.42 0.00	27.43 -0.19 0.00	29.55 -0.21 0.00	28.80 -0.35 0.00	30.84 -0.86 0.00	37.90 -1.54 0.00	45.96 -2.12 0.00	52.92 -1.92 0.00	51.49 -2.37 0.00	43.37 -1.39 0.00	38.34 -1.72 0.00	34.52 -0.53 0.00	31.05 0.49 0.00
SENECA___ENERGY 23797	29.78 0.20 -0.57	28.71 0.17 -0.93	26.89 0.16 -1.04	26.29 0.08 -1.06	25.67 0.10 -1.08	26.31 0.13 -1.06	28.83 0.14 -1.57	26.94 0.08 -0.96	24.77 -0.20 -0.59	23.05 -0.32 -0.61	24.82 -0.27 -0.53	26.91 -0.26 -1.03	28.36 -0.19 -0.93	30.08 -0.24 -0.57	29.52 -0.20 -0.57	32.25 -0.32 -0.87	39.62 -0.59 -0.77	47.86 -0.48 -0.26	54.87 -0.27 -0.31	53.86 -0.32 -0.32	45.16 -0.09 -0.49	40.10 -0.28 -0.32	35.37 0.00 -0.32	31.18 0.22 -0.41
SHOEMAKER___GT 23640	29.99 0.99 0.00	28.50 0.88 0.00	26.49 0.80 0.00	25.96 0.80 0.00	25.28 0.78 0.00	25.88 0.75 0.00	27.93 0.81 0.00	26.71 0.80 0.00	25.10 0.73 0.00	23.54 0.77 0.00	25.44 0.88 0.00	27.06 0.91 0.00	28.70 1.08 0.00	31.04 1.28 0.00	30.38 1.22 0.00	33.09 1.39 0.00	41.46 1.89 -0.12	50.29 2.21 0.00	57.25 2.41 0.00	56.23 2.37 0.00	46.77 2.02 0.00	41.94 1.88 0.00	36.58 1.54 0.00	31.75 1.19 0.00
SHOEMAKR_138KV_BK 111 55601	29.99 0.99 0.00	28.50 0.88 0.00	26.49 0.80 0.00	25.96 0.81 0.00	25.28 0.78 0.00	25.88 0.75 0.00	27.91 0.79 0.00	26.71 0.80 0.00	25.13 0.76 0.00	23.56 0.80 0.00	25.44 0.88 0.00	27.09 0.94 0.00	28.73 1.10 0.00	31.04 1.28 0.00	30.41 1.25 0.00	33.12 1.43 0.00	41.46 1.89 -0.12	50.29 2.21 0.00	57.19 2.36 0.00	56.18 2.32 0.00	46.77 2.01 0.00	41.94 1.88 0.00	36.59 1.54 0.00	31.75 1.19 0.00
SHOREHAM_IC_1 23715	30.40 1.39 0.00	28.52 0.91 0.00	26.41 0.72 0.00	26.04 0.88 0.00	25.47 0.98 0.00	25.83 0.70 0.00	27.77 0.65 0.00	26.76 0.85 0.00	25.47 1.10 0.00	24.32 1.55 0.00	26.23 1.67 -0.01	27.85 1.70 -0.01	30.33 1.90 -0.81	32.84 2.23 -0.85	34.85 2.10 -3.60	42.51 2.44 -8.37	44.15 3.27 -1.44	51.79 3.70 -0.01	58.73 3.89 0.00	57.63 3.77 0.00	47.81 3.04 -0.01	43.15 3.08 -0.01	37.54 2.49 -0.01	32.15 1.59 0.00
SHOREHAM_IC_2 23716	30.43 1.42 0.00	28.52 0.91 0.00	26.44 0.75 0.00	26.06 0.91 0.00	25.47 0.98 0.00	25.83 0.70 0.00	27.77 0.65 0.00	26.76 0.85 0.00	25.47 1.10 0.00	24.29 1.53 0.00	26.23 1.67 -0.01	27.85 1.70 -0.01	30.33 1.91 -0.81	32.84 2.23 -0.85	34.82 2.07 -3.60	42.51 2.44 -8.37	44.15 3.27 -1.44	51.84 3.75 -0.01	58.73 3.89 0.00	57.63 3.77 0.00	47.81 3.04 -0.01	43.19 3.12 -0.01	37.54 2.49 -0.01	32.15 1.59 0.00
SISSONVILLE____ 23735	59.62 0.09 -30.53	77.48 0.03 -49.84	81.29 0.05 -55.54	81.61 0.08 -56.37	81.90 0.07 -57.33	81.58 0.10 -56.35	110.94 0.14 -83.69	77.01 0.13 -50.98	56.19 0.29 -31.52	55.41 0.30 -32.34	53.34 0.29 -28.49	81.40 0.34 -54.91	77.59 0.33 -49.63	60.22 0.30 -30.17	60.07 0.29 -30.63	78.60 0.38 -46.52	81.06 0.55 -41.06	62.90 0.77 -14.06	72.06 0.88 -16.35	71.77 0.86 -17.05	71.42 0.40 -26.26	57.57 0.36 -17.15	52.46 0.25 -17.17	52.40 0.18 -21.66
SITHE_IND_GS1 24169	28.34 -0.67 0.00	27.03 -0.58 0.00	25.16 -0.54 0.00	24.61 -0.55 0.00	23.95 -0.54 0.00	24.60 -0.53 0.00	26.52 -0.60 0.00	25.33 -0.57 0.00	23.72 -0.66 0.00	22.13 -0.64 0.00	23.89 -0.66 0.00	25.44 -0.70 0.00	26.79 -0.83 0.00	28.80 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.44 -1.63 0.00	53.08 -1.76 0.00	52.08 -1.78 0.00	43.41 -1.34 0.00	38.77 -1.28 0.00	33.99 -1.05 0.00	29.74 -0.82 0.00
SITHE_IND_GS2 24170	28.34 -0.67 0.00	27.03 -0.58 0.00	25.16 -0.54 0.00	24.61 -0.55 0.00	23.95 -0.54 0.00	24.60 -0.53 0.00	26.52 -0.60 0.00	25.33 -0.57 0.00	23.72 -0.66 0.00	22.13 -0.64 0.00	23.89 -0.66 0.00	25.44 -0.70 0.00	26.79 -0.83 0.00	28.80 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.44 -1.63 0.00	53.08 -1.76 0.00	52.08 -1.78 0.00	43.41 -1.34 0.00	38.77 -1.28 0.00	33.99 -1.05 0.00	29.74 -0.82 0.00
SITHE_IND_GS3 24171	28.34 -0.67 0.00	27.03 -0.58 0.00	25.16 -0.54 0.00	24.61 -0.55 0.00	23.95 -0.54 0.00	24.60 -0.53 0.00	26.52 -0.60 0.00	25.33 -0.57 0.00	23.72 -0.66 0.00	22.13 -0.64 0.00	23.89 -0.66 0.00	25.44 -0.70 0.00	26.79 -0.83 0.00	28.80 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.44 -1.63 0.00	53.08 -1.76 0.00	52.08 -1.78 0.00	43.41 -1.34 0.00	38.77 -1.28 0.00	33.99 -1.05 0.00	29.74 -0.82 0.00
SITHE_IND_GS4 24172	28.34 -0.67 0.00	27.03 -0.58 0.00	25.16 -0.54 0.00	24.61 -0.55 0.00	23.95 -0.54 0.00	24.60 -0.53 0.00	26.52 -0.60 0.00	25.33 -0.57 0.00	23.72 -0.66 0.00	22.13 -0.64 0.00	23.89 -0.66 0.00	25.44 -0.70 0.00	26.79 -0.83 0.00	28.80 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.44 -1.63 0.00	53.08 -1.76 0.00	52.08 -1.78 0.00	43.41 -1.34 0.00	38.77 -1.28 0.00	33.99 -1.05 0.00	29.74 -0.82 0.00

SITHE___BATAVIA 24024	29.64 0.64 0.00	28.44 0.83 0.00	26.54 0.85 0.00	25.71 0.55 0.00	25.11 0.61 0.00	25.85 0.73 0.00	27.88 0.76 0.00	26.42 0.52 0.00	24.15 -0.22 0.00	22.40 -0.37 0.00	24.36 -0.20 0.00	25.91 -0.24 0.00	27.65 0.03 0.00	29.73 -0.03 0.00	29.06 -0.09 0.00	31.22 -0.47 0.00	38.46 -0.98 0.00	46.97 -1.10 0.00	54.12 -0.71 0.00	52.73 -1.13 0.00	44.26 -0.49 0.00	39.26 -0.80 0.00	35.11 0.07 0.00	31.48 0.92 0.00
SITHE___INDEPEND 23800	28.34 -0.67 0.00	27.03 -0.58 0.00	25.16 -0.54 0.00	24.61 -0.55 0.00	23.95 -0.54 0.00	24.60 -0.53 0.00	26.52 -0.60 0.00	25.33 -0.57 0.00	23.71 -0.66 0.00	22.13 -0.64 0.00	23.89 -0.66 0.00	25.44 -0.71 0.00	26.79 -0.83 0.00	28.81 -0.95 0.00	28.22 -0.93 0.00	30.65 -1.05 0.00	38.06 -1.38 0.00	46.44 -1.63 0.00	53.08 -1.75 0.00	52.08 -1.78 0.00	43.41 -1.34 0.00	38.78 -1.28 0.00	33.99 -1.05 0.00	29.74 -0.83 0.00
SITHE___MASSENA 23902	73.23 -0.03 -44.26	99.84 -0.03 -72.26	106.22 0.00 -80.53	106.89 0.00 -81.73	107.61 0.00 -83.12	106.82 0.00 -81.70	148.48 0.03 -121.33	99.87 0.05 -73.91	70.30 0.22 -45.70	69.89 0.23 -46.89	66.09 0.22 -41.31	105.99 0.23 -79.61	99.83 0.25 -71.96	73.73 0.24 -43.74	73.79 0.23 -44.40	99.40 0.25 -67.45	99.33 0.35 -59.54	68.84 0.38 -20.38	78.97 0.44 -23.70	79.01 0.43 -24.72	82.92 0.09 -38.08	65.01 0.08 -24.87	60.01 0.07 -24.89	61.99 0.03 -31.40
SITHE___OGDNSBRG 24021	65.21 0.35 -35.86	86.43 0.28 -58.55	91.23 0.28 -65.25	91.68 0.30 -66.22	92.11 0.27 -67.35	91.65 0.33 -66.20	125.81 0.38 -98.31	86.10 0.31 -59.89	61.82 0.41 -37.03	61.10 0.34 -38.00	58.37 0.34 -33.47	91.04 0.39 -64.50	86.31 0.39 -58.30	65.58 0.39 -35.44	65.54 0.41 -35.98	86.89 0.54 -54.65	88.47 0.79 -48.24	65.74 1.15 -16.51	75.52 1.48 -19.20	75.40 1.51 -20.03	76.55 0.94 -30.85	61.01 0.80 -20.15	55.81 0.60 -20.17	56.46 0.46 -25.44
SITHE___STERLING 23777	31.67 0.78 -1.88	31.29 0.61 -3.07	29.71 0.59 -3.42	29.24 0.60 -3.47	28.56 0.54 -3.53	29.23 0.63 -3.47	32.93 0.65 -5.16	29.59 0.54 -3.14	26.70 0.39 -1.94	25.03 0.27 -1.99	26.63 0.32 -1.76	29.92 0.39 -3.38	31.15 0.47 -3.06	32.06 0.45 -1.86	31.45 0.41 -1.89	35.10 0.54 -2.87	42.64 0.67 -2.53	50.14 1.20 -0.86	57.32 1.48 -1.00	56.47 1.56 -1.05	47.71 1.34 -1.61	42.24 1.12 -1.06	36.94 0.84 -1.06	32.69 0.79 -1.33
SLEIGHT__34_KV_TB1 80719	29.01 0.00 0.00	27.61 0.00 0.00	25.70 0.00 0.00	25.06 -0.10 0.00	24.44 -0.05 0.00	25.12 0.00 0.00	27.09 -0.03 0.00	25.85 -0.05 0.00	24.01 -0.37 0.00	22.31 -0.46 0.00	24.19 -0.37 0.00	25.75 -0.39 0.00	27.35 -0.28 0.00	29.40 -0.36 0.00	28.83 -0.32 0.00	31.16 -0.54 0.00	38.53 -0.91 0.00	47.16 -0.91 0.00	54.12 -0.71 0.00	53.00 -0.86 0.00	44.31 -0.45 0.00	39.42 -0.64 0.00	34.76 -0.28 0.00	30.62 0.06 0.00
SMITHTWN_69_KV_BK 1 55830	30.86 1.86 0.00	28.97 1.35 0.00	26.85 1.16 0.00	26.42 1.26 0.00	25.82 1.32 0.00	26.23 1.11 0.00	28.21 1.08 0.00	27.17 1.27 0.00	25.83 1.46 0.00	24.61 1.84 0.00	26.58 2.01 -0.01	28.25 2.09 -0.01	30.75 2.32 -0.81	33.30 2.68 -0.86	35.34 2.57 -3.62	42.96 2.85 -8.41	44.55 3.67 -1.44	52.32 4.23 -0.01	59.33 4.50 0.00	58.17 4.31 0.00	48.26 3.49 -0.01	43.59 3.53 -0.01	38.07 3.01 -0.01	32.64 2.08 0.00
SOUTH CAIRO___GT 23612	30.28 1.28 0.00	28.88 1.27 0.00	26.85 1.16 0.00	26.32 1.16 0.00	25.60 1.10 0.00	26.16 1.03 0.00	28.23 1.11 0.00	26.81 0.91 0.00	25.03 0.66 0.00	23.25 0.48 0.00	24.87 0.32 0.00	26.46 0.31 0.00	28.01 0.39 0.00	30.29 0.54 0.00	29.74 0.58 0.00	32.62 0.92 0.00	41.17 1.77 0.05	50.43 2.36 0.00	57.74 2.91 0.00	56.82 2.96 0.00	47.40 2.64 0.00	42.26 2.20 0.00	36.83 1.79 0.00	32.00 1.44 0.00
SOUTH HAMPTN___IC 23720	30.86 1.86 0.00	28.94 1.33 0.00	26.80 1.10 0.00	26.42 1.26 0.00	25.84 1.35 0.00	26.20 1.08 0.00	28.15 1.03 0.00	27.15 1.24 0.00	25.83 1.46 0.00	24.68 1.91 0.00	26.65 2.09 -0.01	28.32 2.17 -0.01	30.83 2.40 -0.80	33.37 2.77 -0.85	35.37 2.62 -3.60	43.07 3.01 -8.36	44.86 3.98 -1.44	52.70 4.62 -0.01	59.71 4.88 0.00	58.54 4.68 0.00	48.62 3.85 -0.01	43.83 3.76 -0.01	38.10 3.05 -0.01	32.64 2.08 0.00
SOUTHDOW_115KV_TB1 355954	29.88 0.87 0.00	28.58 0.97 0.00	26.67 0.98 0.00	25.71 0.55 0.00	25.18 0.69 0.00	25.95 0.83 0.00	27.85 0.73 0.00	26.65 0.75 0.00	24.32 -0.05 0.00	22.56 -0.20 0.00	24.70 0.15 0.00	26.38 0.24 0.00	28.17 0.55 0.00	30.32 0.57 0.00	29.59 0.44 0.00	31.79 0.10 0.00	39.09 -0.35 0.00	47.36 -0.72 0.00	54.67 -0.16 0.00	53.27 -0.59 0.00	44.58 -0.18 0.00	39.42 -0.64 0.00	35.39 0.35 0.00	31.69 1.13 0.00
SOUTHOLD_69_KV_BK 2 55809	31.33 2.32 0.00	29.35 1.74 0.00	27.19 1.49 0.00	26.82 1.66 0.00	26.21 1.71 0.00	26.56 1.43 0.00	28.50 1.38 0.00	27.51 1.61 0.00	26.20 1.83 0.00	25.07 2.30 0.00	27.12 2.55 -0.01	28.80 2.64 -0.01	31.35 2.93 -0.80	33.91 3.30 -0.85	35.93 3.18 -3.60	43.70 3.65 -8.36	45.65 4.77 -1.44	53.67 5.58 -0.01	60.81 5.98 0.00	59.62 5.76 0.00	49.47 4.70 -0.01	44.63 4.57 -0.01	38.70 3.64 -0.01	33.13 2.57 0.00
SOUTHOLD___IC 23719	31.33 2.32 0.00	29.35 1.74 0.00	27.16 1.46 0.00	26.79 1.63 0.00	26.21 1.71 0.00	26.56 1.43 0.00	28.53 1.41 0.00	27.51 1.61 0.00	26.20 1.83 0.00	25.09 2.32 0.00	27.12 2.55 -0.01	28.79 2.64 -0.01	31.35 2.93 -0.80	33.91 3.30 -0.85	35.93 3.18 -3.60	43.70 3.64 -8.36	45.65 4.77 -1.44	53.66 5.57 -0.01	60.81 5.98 0.00	59.62 5.77 0.00	49.46 4.70 -0.01	44.59 4.53 -0.01	38.70 3.64 -0.01	33.13 2.57 0.00
SOUTH_FORK_WT_PWR 323839	31.35 2.35 0.00	29.38 1.77 0.00	27.19 1.49 0.00	26.82 1.66 0.00	26.21 1.71 0.00	26.56 1.43 0.00	28.50 1.38 0.00	27.51 1.61 0.00	26.20 1.83 0.00	25.09 2.32 0.00	27.12 2.55 -0.01	28.79 2.64 -0.01	31.38 2.96 -0.80	33.91 3.30 -0.85	35.90 3.15 -3.60	43.67 3.61 -8.36	45.57 4.69 -1.44	53.61 5.53 -0.01	60.71 5.87 0.00	59.51 5.65 0.00	49.38 4.61 -0.01	44.59 4.53 -0.01	38.70 3.64 -0.01	33.16 2.60 0.00
SPIERFLS_115KV_TB 1 80737	31.24 2.23 0.00	29.66 2.04 0.00	27.57 1.88 0.00	27.07 1.91 0.00	26.38 1.89 0.00	27.06 1.93 0.00	29.16 2.03 0.00	27.85 1.94 0.00	25.98 1.61 0.00	24.09 1.32 0.00	25.44 0.88 0.00	27.06 0.92 0.00	28.48 0.86 0.00	30.89 1.13 0.00	30.32 1.17 0.00	33.22 1.52 0.00	41.34 2.05 0.15	51.06 2.98 0.00	59.33 4.50 0.00	58.44 4.58 0.00	48.83 4.07 0.00	43.54 3.49 0.00	38.02 2.98 0.00	33.04 2.48 0.00
ST LAWRENCE____ 23600	25.45 -0.32 3.24	22.02 -0.30 5.29	19.57 -0.26 5.87	18.95 -0.25 5.96	18.19 -0.24 6.06	18.92 -0.25 5.96	18.08 -0.24 8.80	20.34 -0.21 5.36	20.97 -0.07 3.33	19.32 -0.05 3.40	21.49 -0.05 3.01	20.32 -0.05 5.77	22.29 -0.08 5.25	26.47 -0.09 3.20	25.80 -0.12 3.24	26.66 -0.09 4.94	35.00 -0.08 4.36	46.38 -0.14 1.55	52.94 -0.16 1.74	51.89 -0.16 1.81	41.61 -0.36 2.79	37.92 -0.32 1.82	32.94 -0.28 1.82	27.99 -0.28 2.30

STATE_CA_115KV_115_LB 55624	29.47 0.46 0.00	28.11 0.50 0.00	26.16 0.46 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.55 0.43 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.76 0.39 0.00	23.13 0.36 0.00	24.87 0.32 0.00	26.46 0.31 0.00	27.93 0.30 0.00	30.15 0.39 0.00	29.59 0.44 0.00	32.20 0.51 0.00	39.95 0.63 0.12	48.85 0.77 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.65 0.90 0.00	40.86 0.80 0.00	35.67 0.63 0.00	31.02 0.46 0.00
STATE_ST_34_KV_LOAD 55959	29.83 0.23 -0.59	28.80 0.22 -0.97	26.98 0.21 -1.08	26.40 0.15 -1.10	25.75 0.15 -1.11	26.42 0.20 -1.09	28.94 0.19 -1.63	27.05 0.16 -0.99	24.94 -0.05 -0.61	23.24 -0.16 -0.63	24.96 -0.15 -0.55	27.11 -0.10 -1.07	28.53 -0.06 -0.96	30.26 -0.09 -0.59	29.69 -0.06 -0.59	32.47 -0.13 -0.90	39.96 -0.28 -0.80	48.30 -0.05 -0.27	55.26 0.11 -0.32	54.35 0.16 -0.33	45.53 0.27 -0.51	40.47 0.08 -0.33	35.55 0.18 -0.33	31.26 0.28 -0.42
STATION_5_MISC_HYD 23604	29.30 0.29 0.00	27.86 0.25 0.00	25.95 0.26 0.00	25.26 0.10 0.00	24.62 0.12 0.00	25.33 0.20 0.00	27.34 0.22 0.00	26.06 0.16 0.00	24.10 -0.27 0.00	22.43 -0.34 0.00	24.33 -0.22 0.00	25.91 -0.24 0.00	27.57 -0.06 0.00	29.61 -0.15 0.00	28.98 -0.17 0.00	31.25 -0.44 0.00	38.57 -0.87 0.00	47.12 -0.96 0.00	54.12 -0.71 0.00	52.84 -1.02 0.00	44.26 -0.49 0.00	39.34 -0.72 0.00	34.90 -0.14 0.00	30.90 0.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.21 0.20 0.00	27.81 0.19 0.00	25.88 0.18 0.00	25.23 0.08 0.00	24.59 0.10 0.00	25.30 0.18 0.00	27.28 0.16 0.00	26.03 0.13 0.00	24.13 -0.24 0.00	22.45 -0.32 0.00	24.31 -0.25 0.00	25.88 -0.26 0.00	27.48 -0.14 0.00	29.55 -0.21 0.00	28.95 -0.20 0.00	31.32 -0.38 0.00	38.69 -0.75 0.00	47.36 -0.72 0.00	54.40 -0.44 0.00	53.27 -0.59 0.00	44.49 -0.27 0.00	39.54 -0.52 0.00	34.97 -0.07 0.00	30.80 0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.06 0.06 0.00	27.67 0.06 0.00	25.80 0.10 0.00	25.08 -0.08 0.00	24.47 -0.02 0.00	25.18 0.05 0.00	27.15 0.03 0.00	25.90 0.00 0.00	23.98 -0.39 0.00	22.31 -0.46 0.00	24.21 -0.34 0.00	25.78 -0.37 0.00	27.40 -0.22 0.00	29.46 -0.30 0.00	28.83 -0.32 0.00	31.09 -0.60 0.00	38.42 -1.03 0.00	46.92 -1.15 0.00	53.90 -0.93 0.00	52.62 -1.24 0.00	44.08 -0.67 0.00	39.14 -0.92 0.00	34.73 -0.32 0.00	30.68 0.12 0.00
STA_56___34_KV_BUS2 355983	29.06 0.06 0.00	27.67 0.06 0.00	25.80 0.10 0.00	25.08 -0.08 0.00	24.47 -0.02 0.00	25.18 0.05 0.00	27.15 0.03 0.00	25.90 0.00 0.00	23.98 -0.39 0.00	22.31 -0.46 0.00	24.21 -0.34 0.00	25.78 -0.37 0.00	27.40 -0.22 0.00	29.46 -0.30 0.00	28.83 -0.32 0.00	31.09 -0.60 0.00	38.42 -1.03 0.00	46.92 -1.15 0.00	53.90 -0.93 0.00	52.62 -1.24 0.00	44.08 -0.67 0.00	39.14 -0.92 0.00	34.73 -0.32 0.00	30.68 0.12 0.00
STA_67___115KV_BK2 355882	29.18 0.17 0.00	27.81 0.19 0.00	25.93 0.23 0.00	25.18 0.03 0.00	24.57 0.07 0.00	25.28 0.15 0.00	27.26 0.14 0.00	26.01 0.10 0.00	24.06 -0.32 0.00	22.38 -0.39 0.00	24.28 -0.27 0.00	25.88 -0.26 0.00	27.48 -0.14 0.00	29.55 -0.21 0.00	28.92 -0.23 0.00	31.16 -0.54 0.00	38.49 -0.95 0.00	46.97 -1.11 0.00	53.96 -0.88 0.00	52.73 -1.13 0.00	44.17 -0.58 0.00	39.22 -0.84 0.00	34.83 -0.21 0.00	30.80 0.24 0.00
STA_7___115KV_9TRANS 80674	29.38 0.38 0.00	27.97 0.36 0.00	26.06 0.36 0.00	25.34 0.18 0.00	24.71 0.22 0.00	25.43 0.30 0.00	27.45 0.33 0.00	26.16 0.26 0.00	24.20 -0.17 0.00	22.52 -0.25 0.00	24.43 -0.12 0.00	26.04 -0.10 0.00	27.68 0.06 0.00	29.76 0.00 0.00	29.12 -0.03 0.00	31.41 -0.29 0.00	38.81 -0.63 0.00	47.40 -0.67 0.00	54.51 -0.33 0.00	53.21 -0.65 0.00	44.53 -0.22 0.00	39.54 -0.52 0.00	35.11 0.07 0.00	31.05 0.49 0.00
STA_82___115KV_TB1 80780	29.18 0.17 0.00	27.81 0.19 0.00	25.93 0.23 0.00	25.18 0.03 0.00	24.59 0.10 0.00	25.30 0.18 0.00	27.28 0.16 0.00	26.01 0.10 0.00	24.06 -0.32 0.00	22.38 -0.39 0.00	24.31 -0.25 0.00	25.88 -0.26 0.00	27.48 -0.14 0.00	29.55 -0.21 0.00	28.92 -0.23 0.00	31.19 -0.51 0.00	38.49 -0.95 0.00	47.02 -1.06 0.00	53.96 -0.88 0.00	52.73 -1.13 0.00	44.17 -0.58 0.00	39.22 -0.84 0.00	34.83 -0.21 0.00	30.84 0.28 0.00
STEEL___WIND 323596	29.30 0.29 0.00	28.00 0.39 0.00	26.13 0.44 0.00	25.26 0.10 0.00	24.67 0.17 0.00	25.40 0.28 0.00	27.34 0.22 0.00	26.03 0.13 0.00	23.79 -0.59 0.00	22.08 -0.68 0.00	24.11 -0.44 0.00	25.70 -0.44 0.00	27.43 -0.19 0.00	29.52 -0.24 0.00	28.77 -0.38 0.00	30.81 -0.89 0.00	37.86 -1.58 0.00	45.92 -2.16 0.00	52.86 -1.97 0.00	51.44 -2.42 0.00	43.32 -1.43 0.00	38.38 -1.68 0.00	34.48 -0.56 0.00	31.02 0.46 0.00
STEPHTWN_115KV_BK_2 55603	29.61 0.61 0.00	28.25 0.64 0.00	26.26 0.57 0.00	25.76 0.60 0.00	25.08 0.59 0.00	25.68 0.55 0.00	27.72 0.60 0.00	26.47 0.57 0.00	24.88 0.51 0.00	23.22 0.46 0.00	24.97 0.42 0.00	26.56 0.42 0.00	28.04 0.41 0.00	30.26 0.51 0.00	29.71 0.55 0.00	32.36 0.67 0.00	40.20 0.87 0.11	49.14 1.06 0.00	56.10 1.26 0.00	55.10 1.24 0.00	45.92 1.16 0.00	41.14 1.08 0.00	35.88 0.84 0.00	31.20 0.64 0.00
STEUBEN_REC_LFGE 323667	29.88 0.87 0.00	28.47 0.86 0.00	26.55 0.85 0.00	25.76 0.60 0.00	25.15 0.66 0.00	25.90 0.78 0.00	27.85 0.73 0.00	26.52 0.62 0.00	24.32 -0.05 0.00	22.43 -0.34 0.00	24.38 -0.17 0.00	26.01 -0.13 0.00	27.73 0.11 0.00	29.85 0.09 0.00	29.24 0.09 0.00	31.51 -0.19 0.00	38.85 -0.59 0.00	47.55 -0.53 0.00	54.95 0.11 0.00	53.91 0.05 0.00	45.11 0.36 0.00	40.02 -0.04 0.00	35.60 0.56 0.00	31.69 1.13 0.00
STILLWATER___SOLAR 323814	30.63 1.62 0.00	29.13 1.52 0.00	27.08 1.39 0.00	26.57 1.41 0.00	25.89 1.40 0.00	26.53 1.41 0.00	28.64 1.52 0.00	27.33 1.42 0.00	25.57 1.19 0.00	23.75 0.98 0.00	25.32 0.76 0.00	26.93 0.78 0.00	28.37 0.75 0.00	30.74 0.98 0.00	30.17 1.02 0.00	32.97 1.27 0.00	40.98 1.69 0.16	50.43 2.36 0.00	58.02 3.18 0.00	57.09 3.23 0.00	47.66 2.91 0.00	42.58 2.53 0.00	37.18 2.14 0.00	32.33 1.77 0.00
STONY___BROOK 24151	30.83 1.83 0.00	28.94 1.33 0.00	26.80 1.10 0.00	26.39 1.23 0.00	25.79 1.30 0.00	26.20 1.08 0.00	28.21 1.09 0.00	27.17 1.27 0.00	25.81 1.44 0.00	24.61 1.84 0.00	26.58 2.01 -0.01	28.25 2.09 -0.01	30.75 2.32 -0.81	33.27 2.65 -0.86	35.27 2.51 -3.61	42.91 2.82 -8.39	44.55 3.67 -1.44	52.32 4.23 -0.01	59.33 4.50 0.00	58.17 4.31 0.00	48.30 3.53 -0.01	43.55 3.48 -0.01	38.00 2.94 -0.01	32.61 2.05 0.00
STURGEON_POOL_HYD 23609	30.34 1.33 0.00	28.80 1.19 0.00	26.78 1.08 0.00	26.27 1.11 0.00	25.55 1.05 0.00	26.10 0.98 0.00	28.18 1.06 0.00	26.94 1.04 0.00	25.37 1.00 0.00	23.84 1.07 0.00	25.76 1.20 0.00	27.40 1.25 0.00	29.06 1.44 0.00	31.45 1.70 0.00	30.78 1.63 0.00	33.57 1.87 0.00	42.19 2.68 -0.07	51.06 2.98 0.00	58.02 3.18 0.00	56.98 3.12 0.00	47.44 2.69 0.00	42.54 2.48 0.00	37.08 2.03 0.00	32.12 1.56 0.00

ST_LAW_115_BK7_LBMP 345037	24.11 -0.35 4.55	19.88 -0.30 7.43	17.14 -0.28 8.28	16.51 -0.25 8.40	15.70 -0.24 8.54	16.48 -0.25 8.40	14.38 -0.27 12.47	18.10 -0.21 7.60	19.63 -0.05 4.70	17.92 -0.02 4.82	20.26 -0.05 4.25	17.91 -0.05 8.18	20.14 -0.08 7.40	25.17 -0.09 4.50	24.50 -0.09 4.56	24.67 -0.09 6.93	33.24 -0.08 6.12	45.84 -0.14 2.09	52.24 -0.16 2.44	51.16 -0.16 2.54	40.48 -0.36 3.91	37.18 -0.32 2.56	32.20 -0.28 2.56	27.06 -0.28 3.23
ST_LAW_115_BK8_LBMP 345038	24.11 -0.35 4.55	19.88 -0.30 7.43	17.14 -0.28 8.28	16.51 -0.25 8.40	15.70 -0.24 8.54	16.48 -0.25 8.40	14.38 -0.27 12.47	18.10 -0.21 7.60	19.63 -0.05 4.70	17.92 -0.02 4.82	20.26 -0.05 4.25	17.91 -0.05 8.18	20.14 -0.08 7.40	25.17 -0.09 4.50	24.50 -0.09 4.56	24.67 -0.09 6.93	33.24 -0.08 6.12	45.84 -0.14 2.09	52.24 -0.16 2.44	51.16 -0.16 2.54	40.48 -0.36 3.91	37.18 -0.32 2.56	32.20 -0.28 2.56	27.06 -0.28 3.23
ST_LAW_230_BK5_LBMP 345035	26.06 -0.32 2.63	23.02 -0.30 4.29	20.66 -0.26 4.78	20.06 -0.25 4.85	19.32 -0.24 4.93	20.03 -0.25 4.85	19.68 -0.24 7.20	21.31 -0.21 4.39	21.59 -0.07 2.71	19.94 -0.05 2.78	22.05 -0.05 2.45	21.37 -0.05 4.72	23.27 -0.08 4.27	27.07 -0.09 2.60	26.40 -0.12 2.63	27.60 -0.09 4.00	35.83 -0.08 3.53	46.72 -0.14 1.21	53.27 -0.16 1.41	52.23 -0.16 1.47	42.14 -0.36 2.26	38.26 -0.32 1.48	33.29 -0.28 1.48	28.42 -0.28 1.86
ST_LAW_230_BK6_LBMP 345036	26.06 -0.32 2.63	23.02 -0.30 4.29	20.66 -0.26 4.78	20.06 -0.25 4.85	19.32 -0.24 4.93	20.03 -0.25 4.85	19.68 -0.24 7.20	21.31 -0.21 4.39	21.59 -0.07 2.71	19.94 -0.05 2.78	22.05 -0.05 2.45	21.37 -0.05 4.72	23.27 -0.08 4.27	27.07 -0.09 2.60	26.40 -0.12 2.63	27.60 -0.09 4.00	35.83 -0.08 3.53	46.72 -0.14 1.21	53.27 -0.16 1.41	52.23 -0.16 1.47	42.14 -0.36 2.26	38.26 -0.32 1.48	33.29 -0.28 1.48	28.42 -0.28 1.86
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.11 1.10 0.00	28.58 0.97 0.00	26.57 0.87 0.00	26.04 0.88 0.00	25.35 0.86 0.00	25.95 0.83 0.00	28.02 0.89 0.00	26.81 0.91 0.00	25.25 0.88 0.00	23.70 0.93 0.00	25.61 1.06 0.00	27.27 1.12 0.00	28.92 1.30 0.00	31.28 1.52 0.00	30.61 1.46 0.00	33.38 1.68 0.00	41.78 2.21 -0.13	50.58 2.50 0.00	57.58 2.74 0.00	56.50 2.64 0.00	46.99 2.24 0.00	42.22 2.16 0.00	36.80 1.75 0.00	31.91 1.34 0.00
SWANROAD_115KV_TB1 355699	29.03 0.03 0.00	27.86 0.25 0.00	26.01 0.31 0.00	25.11 -0.05 0.00	24.52 0.02 0.00	25.28 0.15 0.00	27.18 0.05 0.00	25.49 -0.41 0.00	23.40 -0.97 0.00	21.72 -1.05 0.00	23.62 -0.93 0.00	25.18 -0.97 0.00	26.82 -0.80 0.00	28.87 -0.89 0.00	28.13 -1.02 0.00	30.05 -1.65 0.00	36.92 -2.52 0.00	44.66 -3.41 0.00	51.38 -3.45 0.00	49.93 -3.93 0.00	42.21 -2.55 0.00	37.33 -2.72 0.00	33.68 -1.37 0.00	30.62 0.06 0.00
SYNERGY___BIOGAS 323694	29.79 0.78 0.00	28.44 0.83 0.00	26.55 0.85 0.00	25.69 0.53 0.00	25.11 0.61 0.00	25.85 0.73 0.00	27.88 0.76 0.00	26.32 0.41 0.00	24.15 -0.22 0.00	22.43 -0.34 0.00	24.36 -0.20 0.00	25.91 -0.24 0.00	27.65 0.03 0.00	29.73 -0.03 0.00	29.06 -0.09 0.00	31.22 -0.48 0.00	38.45 -0.99 0.00	46.92 -1.15 0.00	54.12 -0.71 0.00	52.73 -1.13 0.00	44.26 -0.49 0.00	39.18 -0.88 0.00	35.11 0.07 0.00	31.48 0.92 0.00
SYRACUSE___ENERGY_ST1 323597	29.74 0.00 -0.74	28.82 0.00 -1.21	27.04 0.00 -1.34	26.50 -0.03 -1.37	25.86 -0.02 -1.39	26.49 0.00 -1.36	29.12 -0.03 -2.03	27.09 -0.05 -1.23	24.94 -0.19 -0.76	23.30 -0.25 -0.78	25.00 -0.25 -0.69	27.24 -0.24 -1.33	28.60 -0.22 -1.20	30.19 -0.30 -0.73	29.63 -0.26 -0.74	32.47 -0.35 -1.13	39.88 -0.55 -0.99	47.89 -0.53 -0.34	54.74 -0.49 -0.40	53.84 -0.43 -0.41	45.17 -0.22 -0.64	40.19 -0.28 -0.42	35.28 -0.18 -0.42	31.05 -0.03 -0.52
SYRACUSE___ENERGY_ST2 323598	29.74 0.00 -0.74	28.82 0.00 -1.21	27.04 0.00 -1.34	26.50 -0.03 -1.37	25.86 -0.02 -1.39	26.49 0.00 -1.36	29.12 -0.03 -2.03	27.09 -0.05 -1.23	24.94 -0.19 -0.76	23.30 -0.25 -0.78	25.00 -0.25 -0.69	27.24 -0.24 -1.33	28.60 -0.22 -1.20	30.19 -0.30 -0.73	29.63 -0.26 -0.74	32.47 -0.35 -1.13	39.88 -0.55 -0.99	47.89 -0.53 -0.34	54.74 -0.49 -0.40	53.84 -0.43 -0.41	45.17 -0.22 -0.64	40.19 -0.28 -0.42	35.28 -0.18 -0.42	31.05 -0.03 -0.52
SYRACUSE___POWER 24017	29.68 -0.12 -0.79	28.79 -0.11 -1.29	27.03 -0.10 -1.44	26.49 -0.13 -1.46	25.86 -0.12 -1.49	26.49 -0.10 -1.46	29.16 -0.14 -2.17	27.07 -0.16 -1.32	24.92 -0.27 -0.82	23.29 -0.32 -0.84	24.97 -0.32 -0.74	27.26 -0.31 -1.42	28.61 -0.30 -1.29	30.15 -0.39 -0.78	29.60 -0.35 -0.79	32.43 -0.48 -1.21	39.80 -0.71 -1.06	47.73 -0.72 -0.37	54.55 -0.71 -0.43	53.61 -0.70 -0.45	45.00 -0.45 -0.69	40.02 -0.48 -0.44	35.14 -0.35 -0.45	30.97 -0.15 -0.56
TALLMAN__138KV_BK151 55660	30.25 1.25 0.00	28.72 1.10 0.00	26.70 1.00 0.00	26.17 1.01 0.00	25.47 0.98 0.00	26.08 0.95 0.00	28.12 1.00 0.00	26.94 1.04 0.00	25.40 1.02 0.00	23.88 1.12 0.00	25.81 1.25 0.00	27.48 1.33 0.00	29.17 1.55 0.00	31.54 1.79 0.00	30.90 1.75 0.00	33.66 1.97 0.00	42.14 2.56 -0.14	50.96 2.88 0.00	57.96 3.13 0.00	56.88 3.02 0.00	47.31 2.55 0.00	42.50 2.44 0.00	37.04 2.00 0.00	32.09 1.53 0.00
TEALLAVE_115KV_TB7 355573	29.78 -0.15 -0.92	29.01 -0.11 -1.51	27.27 -0.10 -1.68	26.74 -0.13 -1.70	26.10 -0.12 -1.73	26.70 -0.13 -1.70	29.49 -0.16 -2.53	27.26 -0.18 -1.54	25.03 -0.29 -0.95	23.40 -0.34 -0.98	25.07 -0.34 -0.86	27.46 -0.34 -1.66	28.79 -0.33 -1.50	30.25 -0.42 -0.91	29.70 -0.38 -0.93	32.59 -0.51 -1.41	39.89 -0.79 -1.24	47.68 -0.82 -0.42	54.45 -0.88 -0.49	53.56 -0.81 -0.51	45.00 -0.54 -0.78	40.02 -0.56 -0.52	35.18 -0.39 -0.52	31.03 -0.18 -0.65
TELGRAPH_34_KV_EAST 80808	29.44 0.44 0.00	28.16 0.55 0.00	26.29 0.59 0.00	25.41 0.25 0.00	24.81 0.32 0.00	25.58 0.45 0.00	27.53 0.41 0.00	26.01 0.10 0.00	23.84 -0.54 0.00	22.13 -0.64 0.00	24.09 -0.47 0.00	25.65 -0.50 0.00	27.35 -0.28 0.00	29.43 -0.33 0.00	28.71 -0.44 0.00	30.75 -0.95 0.00	37.82 -1.62 0.00	45.96 -2.12 0.00	52.92 -1.92 0.00	51.54 -2.32 0.00	43.41 -1.34 0.00	38.38 -1.68 0.00	34.52 -0.53 0.00	31.08 0.52 0.00
TEMPLE___115KV_TB 2 55572	29.75 -0.15 -0.89	28.96 -0.11 -1.46	27.22 -0.10 -1.62	26.68 -0.13 -1.65	26.05 -0.12 -1.68	26.65 -0.13 -1.65	29.43 -0.14 -2.45	27.24 -0.16 -1.49	25.00 -0.29 -0.92	23.37 -0.34 -0.95	25.07 -0.32 -0.83	27.41 -0.34 -1.61	28.74 -0.33 -1.45	30.22 -0.42 -0.88	29.67 -0.38 -0.90	32.55 -0.51 -1.36	39.85 -0.79 -1.20	47.67 -0.82 -0.41	54.49 -0.82 -0.47	53.55 -0.81 -0.50	44.98 -0.54 -0.76	40.00 -0.56 -0.50	35.16 -0.39 -0.50	31.01 -0.18 -0.63
TIANA____69_KV_BK 1 55817	30.77 1.77 0.00	28.86 1.24 0.00	26.75 1.05 0.00	26.34 1.18 0.00	25.77 1.27 0.00	26.13 1.00 0.00	28.07 0.95 0.00	27.07 1.17 0.00	25.76 1.39 0.00	24.59 1.82 0.00	26.58 2.01 -0.01	28.22 2.07 -0.01	30.72 2.29 -0.80	33.26 2.65 -0.85	35.26 2.51 -3.60	42.94 2.88 -8.36	44.70 3.83 -1.44	52.51 4.42 -0.01	59.55 4.72 0.00	58.38 4.52 0.00	48.44 3.67 -0.01	43.71 3.65 -0.01	38.00 2.94 -0.01	32.52 1.96 0.00

TILDEN___115KV_TB1 80814	29.68 -0.12 -0.79	28.79 -0.11 -1.29	27.03 -0.10 -1.44	26.49 -0.13 -1.46	25.86 -0.12 -1.49	26.49 -0.10 -1.46	29.16 -0.14 -2.17	27.07 -0.16 -1.32	24.92 -0.27 -0.82	23.29 -0.32 -0.84	24.97 -0.32 -0.74	27.26 -0.31 -1.42	28.61 -0.30 -1.29	30.15 -0.39 -0.78	29.60 -0.35 -0.79	32.43 -0.48 -1.21	39.80 -0.71 -1.06	47.73 -0.72 -0.37	54.55 -0.71 -0.43	53.61 -0.70 -0.45	45.00 -0.45 -0.69	40.02 -0.48 -0.44	35.14 -0.35 -0.45	30.97 -0.15 -0.56
TRIGEN___CC 323695	30.72 1.71 0.00	28.94 1.33 0.00	26.85 1.16 0.00	26.39 1.23 0.00	25.74 1.25 0.00	26.23 1.11 0.00	28.26 1.14 0.00	27.17 1.27 0.00	25.74 1.36 0.00	24.43 1.66 0.00	26.36 1.79 -0.02	28.05 1.88 -0.02	31.06 2.02 -1.42	34.73 2.29 -2.68	38.23 2.19 -6.89	48.85 2.38 -14.78	44.94 3.08 -2.42	51.70 3.61 -0.02	58.73 3.89 0.00	57.63 3.77 0.00	47.91 3.13 -0.02	43.04 2.96 -0.02	37.72 2.66 -0.02	32.52 1.96 0.00
TRINITY___115KV___4 BK 55933	29.38 0.38 0.00	28.03 0.41 0.00	26.08 0.39 0.00	25.56 0.40 0.00	24.88 0.39 0.00	25.48 0.35 0.00	27.50 0.38 0.00	26.27 0.36 0.00	24.71 0.34 0.00	23.09 0.32 0.00	24.82 0.27 0.00	26.41 0.26 0.00	27.90 0.28 0.00	30.09 0.33 0.00	29.53 0.38 0.00	32.14 0.44 0.00	39.88 0.55 0.11	48.70 0.63 0.00	55.49 0.66 0.00	54.56 0.70 0.00	45.47 0.72 0.00	40.74 0.68 0.00	35.57 0.53 0.00	30.93 0.37 0.00
UNION___PROCESSING_DRP 323587	29.21 0.20 0.00	27.83 0.22 0.00	25.93 0.23 0.00	25.21 0.05 0.00	24.59 0.10 0.00	25.30 0.18 0.00	27.28 0.16 0.00	26.03 0.13 0.00	24.06 -0.32 0.00	22.40 -0.36 0.00	24.31 -0.25 0.00	25.88 -0.26 0.00	27.51 -0.11 0.00	29.58 -0.18 0.00	28.92 -0.23 0.00	31.19 -0.51 0.00	38.49 -0.95 0.00	47.02 -1.06 0.00	54.01 -0.82 0.00	52.73 -1.13 0.00	44.17 -0.58 0.00	39.22 -0.84 0.00	34.83 -0.21 0.00	30.84 0.28 0.00
UPPER HUDSON___HYD 24058	31.21 2.20 0.00	29.66 2.04 0.00	27.57 1.87 0.00	27.07 1.91 0.00	26.38 1.89 0.00	27.06 1.93 0.00	29.18 2.06 0.00	27.85 1.94 0.00	25.98 1.61 0.00	24.09 1.32 0.00	25.44 0.88 0.00	27.06 0.91 0.00	28.48 0.86 0.00	30.89 1.13 0.00	30.32 1.17 0.00	33.22 1.52 0.00	41.34 2.05 0.15	51.06 2.98 0.00	59.33 4.50 0.00	58.44 4.58 0.00	48.83 4.07 0.00	43.54 3.48 0.00	38.02 2.98 0.00	33.03 2.47 0.00
UPPER RAQUET___HYD 24056	59.62 0.09 -30.53	77.48 0.03 -49.84	81.29 0.05 -55.54	81.61 0.08 -56.37	81.90 0.07 -57.33	81.58 0.10 -56.35	110.92 0.11 -83.69	77.01 0.13 -50.98	56.19 0.29 -31.52	55.41 0.30 -32.34	53.34 0.30 -28.49	81.39 0.34 -54.91	77.59 0.33 -49.63	60.22 0.30 -30.17	60.07 0.29 -30.63	78.60 0.38 -46.52	81.06 0.55 -41.06	62.90 0.77 -14.06	72.06 0.87 -16.35	71.77 0.86 -17.05	71.42 0.40 -26.26	57.57 0.36 -17.15	52.46 0.25 -17.17	52.40 0.18 -21.66
VALLEY44_115KV_TB2 355964	28.77 -0.23 0.00	27.50 -0.11 0.00	25.65 -0.05 0.00	24.78 -0.38 0.00	24.22 -0.27 0.00	25.00 -0.13 0.00	26.82 -0.30 0.00	25.62 -0.28 0.00	23.40 -0.97 0.00	21.65 -1.12 0.00	23.70 -0.86 0.00	25.33 -0.81 0.00	27.01 -0.61 0.00	29.10 -0.65 0.00	28.36 -0.79 0.00	30.49 -1.20 0.00	37.51 -1.93 0.00	45.53 -2.55 0.00	52.48 -2.36 0.00	51.11 -2.75 0.00	42.74 -2.01 0.00	37.90 -2.16 0.00	34.03 -1.02 0.00	30.53 -0.03 0.00
VALLEY___115KV_TB 1-4 80826	30.49 0.78 -0.70	29.48 0.72 -1.15	27.62 0.64 -1.28	27.09 0.63 -1.30	26.40 0.59 -1.32	27.08 0.65 -1.30	29.73 0.68 -1.93	27.70 0.62 -1.18	25.64 0.54 -0.73	23.99 0.48 -0.75	25.75 0.54 -0.66	27.99 0.58 -1.27	29.40 0.64 -1.15	31.11 0.65 -0.70	30.44 0.58 -0.71	33.47 0.70 -1.07	41.30 0.91 -0.95	49.60 1.20 -0.32	56.58 1.37 -0.38	55.65 1.40 -0.39	46.57 1.21 -0.61	41.54 1.08 -0.40	36.35 0.91 -0.40	31.82 0.76 -0.50
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.25 1.25 0.00	28.66 1.05 0.00	26.67 0.98 0.00	26.14 0.98 0.00	25.37 0.88 0.00	26.13 1.00 0.00	28.15 1.03 0.00	26.81 0.91 0.00	25.08 0.71 0.00	23.36 0.59 0.00	25.24 0.69 0.00	26.96 0.81 0.00	28.56 0.94 0.00	30.77 1.01 0.00	30.03 0.87 0.00	32.77 1.08 0.00	40.86 1.42 0.00	50.05 1.97 0.00	57.14 2.30 0.00	56.23 2.37 0.00	46.86 2.10 0.00	41.98 1.92 0.00	36.59 1.54 0.00	31.91 1.34 0.00
VISCHER___FERRY HYD 24020	30.08 1.07 0.00	28.63 1.02 0.00	26.62 0.92 0.00	26.09 0.93 0.00	25.40 0.91 0.00	26.03 0.90 0.00	28.15 1.03 0.00	26.86 0.96 0.00	25.25 0.88 0.00	23.54 0.77 0.00	25.24 0.69 0.00	26.82 0.68 0.00	28.31 0.69 0.00	30.62 0.86 0.00	30.03 0.87 0.00	32.71 1.01 0.00	40.59 1.34 0.19	49.76 1.68 0.00	56.87 2.03 0.00	55.91 2.05 0.00	46.59 1.84 0.00	41.70 1.64 0.00	36.41 1.37 0.00	31.69 1.13 0.00
V_A_10_SYNC_DSASP 323832	28.95 -0.06 0.00	27.64 0.03 0.00	25.80 0.10 0.00	24.96 -0.20 0.00	24.37 -0.12 0.00	25.12 0.00 0.00	27.04 -0.08 0.00	25.83 -0.08 0.00	23.74 -0.63 0.00	22.06 -0.71 0.00	24.01 -0.54 0.00	25.60 -0.55 0.00	27.21 -0.41 0.00	29.28 -0.48 0.00	28.57 -0.58 0.00	30.62 -1.08 0.00	37.71 -1.74 0.00	45.77 -2.31 0.00	52.53 -2.30 0.00	51.17 -2.69 0.00	43.10 -1.66 0.00	38.18 -1.88 0.00	34.24 -0.81 0.00	30.59 0.03 0.00
V_CMM_10_SYNC_DSASP 323787	24.22 -0.23 4.55	19.99 -0.19 7.43	17.27 -0.15 8.28	16.61 -0.15 8.40	15.83 -0.12 8.54	16.58 -0.15 8.40	14.51 -0.14 12.47	18.20 -0.10 7.60	19.72 0.05 4.70	18.04 0.09 4.82	20.38 0.07 4.25	18.04 0.08 8.18	20.28 0.06 7.40	25.29 0.03 4.50	24.62 0.03 4.56	24.83 0.06 6.93	33.40 0.08 6.12	46.03 0.05 2.09	52.45 0.05 2.44	51.37 0.05 2.54	40.62 -0.22 3.91	37.34 -0.16 2.56	32.34 -0.14 2.56	27.18 -0.15 3.23
V_CMP_10_SYNC_DSASP 323788	32.00 0.58 -2.41	32.18 0.64 -3.94	30.73 0.64 -4.39	30.24 0.63 -4.45	29.71 0.68 -4.53	30.33 0.75 -4.45	34.60 0.87 -6.61	30.91 0.98 -4.03	28.03 1.17 -2.49	26.50 1.18 -2.55	28.06 1.25 -2.25	31.81 1.33 -4.34	32.90 1.35 -3.92	33.51 1.37 -2.38	32.85 1.28 -2.42	36.86 1.49 -3.67	44.62 1.93 -3.24	51.45 2.26 -1.11	58.70 2.58 -1.29	57.69 2.48 -1.35	48.62 1.79 -2.07	42.97 1.56 -1.35	37.76 1.37 -1.36	33.43 1.16 -1.71
V_D_10_SYNC_DSASP 323841	73.43 -0.03 -44.46	100.17 -0.03 -72.58	106.59 0.00 -80.89	107.26 0.00 -82.10	108.01 0.02 -83.49	107.22 0.03 -82.07	149.03 0.03 -121.88	100.20 0.05 -74.25	70.50 0.22 -45.91	70.10 0.23 -47.10	66.27 0.22 -41.50	106.35 0.23 -79.97	100.15 0.25 -72.28	73.93 0.24 -43.93	73.99 0.23 -44.60	99.74 0.28 -67.76	99.60 0.35 -59.80	68.93 0.38 -20.47	79.08 0.44 -23.81	79.12 0.43 -24.84	83.09 0.09 -38.25	65.12 0.08 -24.98	60.12 0.07 -25.00	62.16 0.06 -31.54
V_E_10_SYNC_DSASP 323830	31.30 2.29 0.00	29.46 1.85 0.00	27.42 1.72 0.00	26.89 1.73 0.00	26.06 1.57 0.00	26.96 1.83 0.00	29.05 1.93 0.00	27.54 1.63 0.00	25.49 1.12 0.00	23.47 0.71 0.00	25.34 0.79 0.00	27.14 0.99 0.00	28.84 1.21 0.00	30.98 1.22 0.00	30.20 1.05 0.00	33.09 1.39 0.00	41.37 1.93 0.00	51.39 3.31 0.00	59.28 4.44 0.00	58.49 4.63 0.00	48.74 3.98 0.00	43.46 3.40 0.00	37.74 2.70 0.00	33.03 2.47 0.00



V_F_30_NSYNC___DSASP 323816	30.69 1.68 0.00	29.16 1.55 0.00	27.14 1.44 0.00	26.59 1.43 0.00	25.91 1.42 0.00	26.58 1.46 0.00	28.67 1.55 0.00	27.35 1.45 0.00	25.59 1.22 0.00	23.79 1.03 0.00	25.36 0.81 0.00	26.98 0.84 0.00	28.45 0.83 0.00	30.80 1.04 0.00	30.23 1.08 0.00	33.03 1.33 0.00	41.07 1.78 0.15	50.53 2.45 0.00	58.13 3.29 0.00	57.20 3.34 0.00	47.76 3.00 0.00	42.62 2.57 0.00	37.25 2.21 0.00	32.39 1.83 0.00
V_F_30_SYNC_DSASP 323786	29.47 0.46 0.00	28.11 0.50 0.00	26.13 0.44 0.00	25.64 0.48 0.00	24.96 0.47 0.00	25.55 0.43 0.00	27.58 0.46 0.00	26.34 0.44 0.00	24.76 0.39 0.00	23.11 0.34 0.00	24.87 0.32 0.00	26.46 0.31 0.00	27.93 0.30 0.00	30.15 0.39 0.00	29.59 0.44 0.00	32.20 0.51 0.00	39.96 0.63 0.12	48.85 0.77 0.00	55.71 0.88 0.00	54.78 0.92 0.00	45.65 0.90 0.00	40.86 0.80 0.00	35.67 0.63 0.00	31.02 0.46 0.00
V_XM_10_SYNC_DSASP 323789	32.00 0.58 -2.41	32.18 0.64 -3.94	30.73 0.64 -4.39	30.24 0.63 -4.45	29.71 0.68 -4.53	30.33 0.75 -4.45	34.60 0.87 -6.61	30.91 0.98 -4.03	28.03 1.17 -2.49	26.50 1.18 -2.55	28.06 1.25 -2.25	31.81 1.33 -4.34	32.90 1.35 -3.92	33.51 1.37 -2.38	32.85 1.28 -2.42	36.86 1.49 -3.67	44.62 1.93 -3.24	51.45 2.26 -1.11	58.70 2.58 -1.29	57.69 2.48 -1.35	48.62 1.79 -2.07	42.97 1.56 -1.35	37.76 1.37 -1.36	33.43 1.16 -1.71
W.BABYLN_69_KV_BK1 56697	31.12 2.12 0.00	29.21 1.60 0.00	27.08 1.39 0.00	26.67 1.51 0.00	26.01 1.52 0.00	26.46 1.33 0.00	28.48 1.36 0.00	27.43 1.53 0.00	26.03 1.66 0.00	24.79 2.03 0.00	26.77 2.21 -0.01	28.46 2.30 -0.01	31.05 2.54 -0.89	33.78 2.89 -1.14	35.95 2.74 -4.06	44.00 3.07 -9.23	44.99 3.98 -1.57	52.75 4.66 -0.01	59.88 5.04 0.00	58.71 4.85 0.00	48.71 3.94 -0.01	43.92 3.85 -0.01	38.31 3.26 -0.01	32.91 2.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.40 1.39 0.00	28.86 1.24 0.00	26.80 1.10 0.00	26.29 1.13 0.00	25.57 1.08 0.00	26.18 1.06 0.00	28.23 1.11 0.00	27.04 1.14 0.00	25.49 1.12 0.00	23.97 1.21 0.00	25.90 1.35 0.00	27.58 1.44 0.00	29.25 1.63 0.00	31.66 1.90 0.00	31.02 1.87 0.00	33.82 2.12 0.00	42.34 2.76 -0.14	51.25 3.17 0.00	58.24 3.40 0.00	57.20 3.34 0.00	47.58 2.82 0.00	42.70 2.64 0.00	37.25 2.21 0.00	32.24 1.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.57 1.57 0.00	28.99 1.38 0.00	26.93 1.23 0.00	26.42 1.26 0.00	25.72 1.22 0.00	26.33 1.21 0.00	28.40 1.27 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.25 1.48 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.58 1.96 0.00	32.02 2.26 0.00	31.40 2.24 0.00	34.20 2.50 0.00	42.86 3.27 -0.15	51.68 3.61 0.00	58.67 3.84 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.06 3.00 0.00	37.53 2.49 0.00	32.49 1.93 0.00
W50THST__13_KV_LOAD 356117	30.72 1.71 0.00	29.13 1.52 0.00	27.06 1.36 0.00	26.54 1.38 0.00	25.84 1.35 0.00	26.46 1.33 0.00	28.53 1.41 0.00	27.38 1.48 0.00	25.86 1.49 0.00	24.38 1.62 0.00	26.35 1.79 0.00	28.03 1.88 0.00	29.72 2.10 0.00	32.20 2.44 0.00	31.57 2.42 0.00	34.39 2.69 0.00	43.10 3.51 -0.15	51.97 3.89 0.00	59.00 4.17 0.00	57.95 4.09 0.00	48.20 3.45 0.00	43.30 3.24 0.00	37.74 2.70 0.00	32.67 2.11 0.00
WADING RIVER_IC_1 23522	30.37 1.36 0.00	28.47 0.86 0.00	26.39 0.69 0.00	26.01 0.86 0.00	25.42 0.93 0.00	25.80 0.68 0.00	27.74 0.62 0.00	26.73 0.83 0.00	25.44 1.07 0.00	24.29 1.53 0.00	26.21 1.65 -0.01	27.83 1.67 -0.01	30.31 1.88 -0.80	32.81 2.20 -0.85	34.82 2.07 -3.59	42.43 2.38 -8.36	44.07 3.19 -1.43	51.74 3.65 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.76 3.00 -0.01	43.07 3.01 -0.01	37.51 2.45 -0.01	32.12 1.56 0.00
WADING RIVER_IC_2 23547	30.37 1.36 0.00	28.47 0.86 0.00	26.39 0.69 0.00	26.01 0.86 0.00	25.42 0.93 0.00	25.80 0.68 0.00	27.74 0.62 0.00	26.73 0.83 0.00	25.44 1.07 0.00	24.29 1.53 0.00	26.21 1.65 -0.01	27.83 1.67 -0.01	30.31 1.88 -0.80	32.81 2.20 -0.85	34.82 2.07 -3.59	42.43 2.38 -8.36	44.07 3.19 -1.43	51.74 3.65 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.76 3.00 -0.01	43.07 3.01 -0.01	37.51 2.45 -0.01	32.12 1.56 0.00
WADING RIVER_IC_3 23601	30.37 1.36 0.00	28.47 0.86 0.00	26.39 0.69 0.00	26.01 0.86 0.00	25.42 0.93 0.00	25.80 0.68 0.00	27.74 0.62 0.00	26.73 0.83 0.00	25.44 1.07 0.00	24.29 1.53 0.00	26.21 1.65 -0.01	27.83 1.67 -0.01	30.31 1.88 -0.80	32.81 2.20 -0.85	34.82 2.07 -3.59	42.43 2.38 -8.36	44.07 3.19 -1.43	51.74 3.65 -0.01	58.67 3.84 0.00	57.52 3.66 0.00	47.76 3.00 -0.01	43.07 3.01 -0.01	37.51 2.45 -0.01	32.12 1.56 0.00
WALDENNY_12_KV_BK2 80841	29.32 0.32 0.00	28.05 0.44 0.00	26.19 0.49 0.00	25.28 0.13 0.00	24.71 0.22 0.00	25.45 0.33 0.00	27.37 0.24 0.00	26.03 0.13 0.00	23.81 -0.56 0.00	22.11 -0.66 0.00	24.14 -0.42 0.00	25.73 -0.42 0.00	27.43 -0.19 0.00	29.55 -0.21 0.00	28.80 -0.35 0.00	30.84 -0.86 0.00	37.90 -1.54 0.00	45.91 -2.16 0.00	52.86 -1.97 0.00	51.49 -2.37 0.00	43.32 -1.43 0.00	38.34 -1.72 0.00	34.52 -0.53 0.00	31.05 0.49 0.00
WALDEN___HYDRO 24148	30.22 1.22 0.00	28.69 1.08 0.00	26.67 0.98 0.00	26.14 0.98 0.00	25.45 0.96 0.00	26.03 0.90 0.00	28.10 0.98 0.00	26.86 0.96 0.00	25.30 0.93 0.00	23.75 0.98 0.00	25.66 1.10 0.00	27.30 1.15 0.00	28.98 1.35 0.00	31.34 1.58 0.00	30.67 1.52 0.00	33.47 1.77 0.00	41.89 2.33 -0.12	50.82 2.74 0.00	57.80 2.96 0.00	56.77 2.91 0.00	47.22 2.46 0.00	42.38 2.32 0.00	36.94 1.89 0.00	32.03 1.47 0.00
WARRENSBURG____ 23737	31.24 2.23 0.00	29.66 2.04 0.00	27.57 1.88 0.00	27.07 1.91 0.00	26.38 1.89 0.00	27.06 1.93 0.00	29.16 2.03 0.00	27.85 1.94 0.00	25.98 1.61 0.00	24.09 1.32 0.00	25.44 0.88 0.00	27.06 0.92 0.00	28.48 0.86 0.00	30.89 1.13 0.00	30.32 1.17 0.00	33.22 1.52 0.00	41.34 2.05 0.15	51.06 2.98 0.00	59.33 4.50 0.00	58.44 4.58 0.00	48.83 4.07 0.00	43.54 3.49 0.00	38.02 2.98 0.00	33.04 2.48 0.00
WATERSIDE___6 8 9 23538	30.67 1.65 -0.01	29.07 1.46 0.00	27.01 1.31 0.00	26.50 1.33 -0.01	25.80 1.30 -0.01	26.33 1.21 0.00	28.37 1.25 0.00	27.17 1.27 0.00	25.69 1.32 0.00	24.27 1.50 0.00	26.20 1.65 0.00	27.87 1.73 0.00	29.53 1.91 0.00	31.99 2.23 0.00	31.37 2.22 0.00	34.20 2.50 0.00	42.94 3.35 -0.15	51.73 3.65 0.00	58.73 3.89 0.00	57.63 3.77 0.00	47.93 3.18 0.00	43.14 3.08 0.00	37.64 2.59 0.00	32.58 2.02 -0.01
WATKINRD_115KV_LN8_ILLION 55919	30.29 0.58 -0.70	29.29 0.52 -1.15	27.47 0.49 -1.28	26.94 0.48 -1.30	26.26 0.44 -1.32	26.90 0.48 -1.30	29.57 0.52 -1.93	27.55 0.47 -1.18	25.49 0.39 -0.73	23.86 0.34 -0.75	25.61 0.39 -0.66	27.83 0.42 -1.27	29.21 0.44 -1.15	30.93 0.48 -0.70	30.30 0.44 -0.71	33.28 0.51 -1.07	41.06 0.67 -0.95	49.32 0.91 -0.32	56.25 1.04 -0.38	55.28 1.02 -0.39	46.30 0.94 -0.61	41.26 0.80 -0.40	36.11 0.67 -0.40	31.64 0.58 -0.50

WDELAWARE___HYD 323627	30.60 1.59 0.00	29.05 1.43 0.00	26.98 1.28 0.00	26.47 1.31 0.00	25.72 1.22 0.00	26.31 1.18 0.00	28.40 1.27 0.00	27.09 1.19 0.00	25.44 1.07 0.00	23.84 1.07 0.00	25.73 1.18 0.00	27.40 1.25 0.00	29.09 1.46 0.00	31.48 1.73 0.00	30.81 1.66 0.00	33.66 1.97 0.00	42.24 2.72 -0.08	51.49 3.41 0.00	58.62 3.78 0.00	57.63 3.77 0.00	47.98 3.22 0.00	42.94 2.89 0.00	37.43 2.38 0.00	32.42 1.86 0.00
WEST BABYLON___IC 23714	31.12 2.12 0.00	29.21 1.60 0.00	27.08 1.39 0.00	26.67 1.51 0.00	26.01 1.52 0.00	26.46 1.33 0.00	28.48 1.36 0.00	27.43 1.53 0.00	26.03 1.66 0.00	24.79 2.03 0.00	26.77 2.21 -0.01	28.46 2.30 -0.01	31.05 2.54 -0.89	33.78 2.89 -1.14	35.95 2.74 -4.06	44.00 3.07 -9.23	44.99 3.98 -1.57	52.75 4.66 -0.01	59.88 5.04 0.00	58.71 4.85 0.00	48.71 3.94 -0.01	43.92 3.85 -0.01	38.31 3.26 -0.01	32.91 2.35 0.00
WEST CANADA___HYD 24049	29.89 0.18 -0.70	28.90 0.14 -1.15	27.11 0.13 -1.28	26.59 0.13 -1.30	25.94 0.12 -1.32	26.55 0.13 -1.30	29.19 0.14 -1.93	27.21 0.13 -1.18	25.20 0.10 -0.73	23.61 0.09 -0.75	25.29 0.07 -0.66	27.52 0.10 -1.27	28.88 0.11 -1.15	30.57 0.12 -0.70	29.95 0.09 -0.71	32.90 0.13 -1.07	40.59 0.20 -0.95	48.64 0.24 -0.32	55.49 0.28 -0.38	54.52 0.27 -0.39	45.68 0.32 -0.61	40.74 0.28 -0.40	35.65 0.21 -0.40	31.21 0.15 -0.50
WESTERN_NY_WIND 24143	29.76 0.75 0.00	28.44 0.83 0.00	26.52 0.82 0.00	25.66 0.50 0.00	25.08 0.59 0.00	25.85 0.73 0.00	27.85 0.73 0.00	26.29 0.39 0.00	24.13 -0.24 0.00	22.38 -0.39 0.00	24.33 -0.22 0.00	25.88 -0.26 0.00	27.62 0.00 0.00	29.70 -0.06 0.00	29.04 -0.12 0.00	31.16 -0.54 0.00	38.38 -1.06 0.00	46.83 -1.25 0.00	54.01 -0.82 0.00	52.62 -1.24 0.00	44.22 -0.54 0.00	39.14 -0.92 0.00	35.04 0.00 0.00	31.45 0.89 0.00
WESTOVER___LESR 323668	29.38 0.38 0.00	27.97 0.36 0.00	26.03 0.33 0.00	25.41 0.25 0.00	24.76 0.27 0.00	25.43 0.30 0.00	27.42 0.30 0.00	26.16 0.26 0.00	24.37 0.00 0.00	22.65 -0.11 0.00	24.53 -0.02 0.00	26.17 0.03 0.00	27.76 0.14 0.00	29.91 0.15 0.00	29.27 0.12 0.00	31.73 0.03 0.00	39.40 -0.04 0.00	48.08 0.00 0.00	55.00 0.16 0.00	53.97 0.11 0.00	45.02 0.27 0.00	40.18 0.12 0.00	35.32 0.28 0.00	31.02 0.46 0.00
WETHRSFD_WT_PWR 323626	29.33 0.32 0.00	27.97 0.36 0.00	26.11 0.41 0.00	25.31 0.15 0.00	24.69 0.20 0.00	25.43 0.30 0.00	27.36 0.24 0.00	26.03 0.13 0.00	23.79 -0.59 0.00	22.02 -0.75 0.00	23.99 -0.56 0.00	25.57 -0.58 0.00	27.26 -0.36 0.00	29.34 -0.42 0.00	28.66 -0.50 0.00	30.75 -0.95 0.00	37.86 -1.58 0.00	46.10 -1.97 0.00	53.24 -1.59 0.00	52.03 -1.83 0.00	43.68 -1.07 0.00	38.74 -1.32 0.00	34.62 -0.42 0.00	30.99 0.43 0.00
WHAVSTOR_138KV_BK127 55557	30.25 1.25 0.00	28.72 1.10 0.00	26.67 0.98 0.00	26.17 1.01 0.00	25.47 0.98 0.00	26.08 0.95 0.00	28.12 1.00 0.00	26.94 1.04 0.00	25.40 1.02 0.00	23.88 1.12 0.00	25.81 1.25 0.00	27.48 1.33 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.90 1.75 0.00	33.66 1.97 0.00	42.14 2.56 -0.14	50.96 2.88 0.00	57.91 3.07 0.00	56.88 3.02 0.00	47.31 2.55 0.00	42.50 2.44 0.00	37.04 2.00 0.00	32.09 1.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.25 1.25 0.00	28.72 1.10 0.00	26.67 0.98 0.00	26.17 1.01 0.00	25.47 0.98 0.00	26.08 0.95 0.00	28.12 1.00 0.00	26.94 1.04 0.00	25.40 1.02 0.00	23.88 1.12 0.00	25.81 1.25 0.00	27.48 1.33 0.00	29.14 1.52 0.00	31.54 1.79 0.00	30.90 1.75 0.00	33.66 1.97 0.00	42.14 2.56 -0.14	50.96 2.88 0.00	57.91 3.07 0.00	56.88 3.02 0.00	47.31 2.55 0.00	42.50 2.44 0.00	37.04 2.00 0.00	32.09 1.53 0.00
WHITEHAL_115KV_TB1 80871	31.56 2.55 0.00	29.96 2.35 0.00	27.83 2.13 0.00	27.32 2.16 0.00	26.65 2.16 0.00	27.36 2.24 0.00	29.48 2.36 0.00	28.10 2.20 0.00	26.20 1.83 0.00	24.25 1.48 0.00	25.56 1.01 0.00	27.22 1.07 0.00	28.64 1.02 0.00	31.10 1.34 0.00	30.55 1.40 0.00	33.50 1.81 0.00	41.73 2.45 0.15	51.68 3.61 0.00	60.15 5.32 0.00	59.25 5.39 0.00	49.50 4.74 0.00	44.10 4.05 0.00	38.48 3.43 0.00	33.40 2.84 0.00
WHITEPLN_13_KV_LOAD 356215	30.66 1.65 0.00	29.05 1.44 0.00	27.01 1.31 0.00	26.49 1.33 0.00	25.79 1.30 0.00	26.36 1.23 0.00	28.45 1.33 0.00	27.25 1.35 0.00	25.79 1.41 0.00	24.29 1.53 0.00	26.27 1.72 0.00	27.95 1.80 0.00	29.67 2.04 0.00	32.14 2.38 0.00	31.46 2.30 0.00	34.29 2.60 0.00	42.94 3.35 -0.15	51.88 3.80 0.00	58.89 4.06 0.00	57.90 4.04 0.00	48.20 3.45 0.00	43.22 3.16 0.00	37.64 2.59 0.00	32.55 1.99 0.00
WM_FLOYD_69_KV_BK2 356380	30.66 1.65 0.00	28.77 1.16 0.00	26.67 0.98 0.00	26.27 1.11 0.00	25.69 1.20 0.00	26.05 0.93 0.00	28.02 0.89 0.00	26.99 1.09 0.00	25.69 1.32 0.00	24.47 1.71 0.00	26.43 1.87 -0.01	28.06 1.91 -0.01	30.56 2.13 -0.81	33.08 2.47 -0.85	35.06 2.30 -3.60	42.73 2.66 -8.37	44.43 3.55 -1.44	52.17 4.09 -0.01	59.17 4.33 0.00	58.06 4.20 0.00	48.17 3.40 -0.01	43.51 3.45 -0.01	37.82 2.77 -0.01	32.42 1.86 0.00
WOODARD___115KV_TB2 355635	29.69 -0.17 -0.86	28.85 -0.17 -1.41	27.11 -0.15 -1.57	26.57 -0.18 -1.59	25.94 -0.17 -1.62	26.57 -0.15 -1.59	29.29 -0.19 -2.36	27.13 -0.21 -1.44	24.95 -0.32 -0.89	23.32 -0.36 -0.91	25.02 -0.34 -0.80	27.33 -0.37 -1.55	28.64 -0.39 -1.40	30.16 -0.45 -0.85	29.58 -0.44 -0.86	32.47 -0.54 -1.31	39.81 -0.79 -1.16	47.65 -0.82 -0.39	54.42 -0.88 -0.46	53.53 -0.81 -0.48	44.96 -0.54 -0.74	39.98 -0.56 -0.48	35.11 -0.42 -0.48	30.93 -0.24 -0.61
WOODMERE_69_KV_BK1 55827	31.09 2.09 0.00	29.27 1.66 0.00	27.16 1.46 0.00	26.69 1.53 0.00	26.04 1.54 0.00	26.51 1.38 0.00	28.56 1.44 0.00	27.48 1.58 0.00	26.03 1.66 0.00	24.73 1.96 0.00	26.71 2.14 -0.02	28.38 2.22 -0.02	31.33 2.40 -1.30	36.50 2.74 -4.01	38.82 2.65 -7.02	48.12 2.88 -13.54	45.38 3.71 -2.23	52.57 4.47 -0.02	59.72 4.88 0.00	58.60 4.74 0.00	48.67 3.89 -0.02	43.68 3.61 -0.02	38.28 3.22 -0.02	32.97 2.41 0.00
YORK___WARBASSE 23770	30.87 1.86 -0.01	29.28 1.66 -0.01	27.19 1.49 0.00	26.68 1.51 -0.01	25.97 1.47 -0.01	26.46 1.33 0.00	28.45 1.33 0.00	27.22 1.32 0.00	25.74 1.36 0.00	24.32 1.55 0.00	26.25 1.69 0.00	27.92 1.78 0.00	29.61 1.99 0.00	32.11 2.35 0.00	31.51 2.36 0.00	34.36 2.66 0.00	43.23 3.63 -0.16	52.07 3.99 0.00	59.06 4.22 0.00	58.01 4.15 0.00	48.25 3.49 0.00	43.42 3.36 0.00	37.89 2.84 -0.01	32.80 2.23 -0.01