

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								05/12/2026			
Generator Data																													
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	40.86	36.07	33.84	33.65	35.13	40.39	52.95	49.30	38.27	31.38	30.20	30.11	29.80	30.27	31.93	32.28	35.31	42.26	49.99	59.12	67.01	51.41	41.11	34.50				
		1.87	1.88	1.67	1.57	1.67	1.89	2.71	2.53	2.13	2.05	2.16	2.23	2.22	2.26	2.32	2.28	2.61	3.15	3.96	4.18	4.96	3.54	2.76	2.08				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.84	-1.60	-4.06	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_1 24260	EDT	40.82	36.03	33.81	33.61	35.09	40.31	52.80	49.16	38.16	31.26	30.12	30.03	29.72	30.19	31.85	32.19	35.21	42.18	49.85	59.02	66.82	51.31	41.07	34.47				
		1.83	1.85	1.64	1.54	1.64	1.81	2.56	2.39	2.02	1.94	2.08	2.15	2.14	2.18	2.24	2.20	2.52	3.08	3.82	4.07	4.78	3.45	2.72	2.04				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00				
74TH STREET_GT_2 24261	EDT	40.82	36.03	33.81	33.61	35.09	40.31	52.80	49.16	38.16	31.26	30.12	30.03	29.72	30.19	31.85	32.19	35.21	42.18	49.85	59.02	66.82	51.31	41.07	34.47				
		1.83	1.85	1.64	1.54	1.64	1.81	2.56	2.39	2.02	1.94	2.08	2.15	2.14	2.18	2.24	2.20	2.52	3.08	3.82	4.07	4.78	3.45	2.72	2.04				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00				
ADK HUDSON___FALLS 24011	EDT	40.78	35.83	33.77	33.65	35.23	40.58	53.10	49.12	37.44	30.09	28.55	28.38	26.88	27.08	27.12	27.81	31.97	36.38	47.96	57.86	65.33	50.41	40.19	34.02				
		1.79	1.64	1.61	1.57	1.77	2.08	2.86	2.34	1.30	0.76	0.50	0.50	0.48	0.45	0.51	0.65	0.87	1.33	1.93	2.91	3.29	2.54	1.84	1.59				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK RESOURCE___RCVRY 23798	EDT	40.90	35.93	33.84	33.71	35.33	40.66	53.10	49.26	37.48	30.09	28.52	28.35	26.74	26.95	26.96	27.76	31.87	36.42	48.01	58.08	65.58	50.55	40.27	34.11				
		1.91	1.74	1.67	1.63	1.87	2.15	2.86	2.48	1.34	0.76	0.48	0.47	0.34	0.32	0.35	0.60	0.78	1.37	1.98	3.13	3.53	2.68	1.92	1.69				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK S GLENS___FALLS 24028	EDT	40.78	35.83	33.77	33.65	35.23	40.58	53.10	49.12	37.44	30.09	28.55	28.38	26.88	27.08	27.12	27.81	31.97	36.38	47.96	57.86	65.33	50.41	40.19	34.02				
		1.79	1.64	1.61	1.57	1.77	2.08	2.86	2.34	1.30	0.76	0.50	0.50	0.48	0.45	0.51	0.65	0.87	1.33	1.93	2.91	3.29	2.54	1.84	1.59				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ADK_NYS___DAM 23527	EDT	40.20	35.38	33.26	33.36	34.79	39.93	51.64	48.70	37.41	30.03	28.80	28.66	27.11	27.53	27.60	28.19	32.34	36.80	48.28	57.64	64.53	50.21	40.15	33.95				
		1.21	1.20	1.09	1.28	1.34	1.43	1.40	1.92	1.26	0.70	0.76	0.78	0.71	0.91	0.99	1.03	1.25	1.75	2.25	2.69	2.48	2.34	1.80	1.52				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
AIR_PRODUCTS___DRP 24190	EDT	39.42	34.67	32.65	32.59	33.96	39.04	50.84	47.39	36.32	29.38	28.15	28.02	26.58	26.87	26.91	27.46	31.50	35.58	46.49	55.50	62.54	48.35	38.77	32.82				
		0.43	0.48	0.48	0.51	0.50	0.54	0.60	0.61	0.18	0.06	0.11	0.14	0.18	0.24	0.29	0.30	0.40	0.53	0.46	0.55	0.50	0.48	0.42	0.39				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
AKWESSNE_115KV_BK 355683	EDT	39.26	34.43	32.36	32.27	33.69	38.81	50.69	47.06	36.32	29.44	28.07	27.96	26.48	26.68	26.67	27.24	31.19	35.23	46.30	54.78	61.80	48.25	38.62	32.72				
		0.27	0.24	0.19	0.19	0.23	0.31	0.45	0.28	0.18	0.12	0.03	0.08	0.08	0.05	0.05	0.08	0.09	0.18	0.28	-0.16	-0.25	0.38	0.27	0.29				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR 323833	EDT	40.16	35.32	33.20	33.10	34.56	39.70	51.54	47.81	36.47	29.44	28.18	28.05	26.56	26.82	26.86	27.51	31.56	35.89	47.27	56.71	63.97	49.45	39.58	33.44				
		1.17	1.13	1.03	1.03	1.10	1.19	1.30	1.03	0.32	0.12	0.14	0.17	0.16	0.19	0.24	0.35	0.47	0.84	1.24	1.76	1.93	1.58	1.23	1.01				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_2_SOLAR 323834	EDT	40.16	35.32	33.20	33.10	34.56	39.70	51.49	47.81	36.47	29.44	28.18	28.05	26.56	26.82	26.86	27.51	31.56	35.89	47.22	56.65	63.97	49.40	39.58	33.44				
		1.17	1.13	1.03	1.03	1.10	1.19	1.26	1.03	0.32	0.12	0.14	0.17	0.16	0.19	0.24	0.35	0.47	0.84	1.19	1.71	1.93	1.53	1.23	1.01				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY___1 23571	EDT	39.42	34.67	32.65	32.59	33.96	39.04	50.84	47.39	36.32	29.38	28.15	28.02	26.58	26.87	26.91	27.46	31.50	35.58	46.49	55.50	62.54	48.35	38.77	32.82				
		0.43	0.48	0.48	0.51	0.50	0.54	0.60	0.61	0.18	0.06	0.11	0.14	0.18	0.24	0.29	0.30	0.40	0.53	0.46	0.55	0.50	0.48	0.42	0.39				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

ALBANY___2 23572	39.42 0.43 0.00	34.67 0.48 0.00	32.65 0.48 0.00	32.59 0.51 0.00	33.96 0.50 0.00	39.04 0.54 0.00	50.84 0.60 0.00	47.39 0.61 0.00	36.32 0.18 0.00	29.38 0.06 0.00	28.15 0.11 0.00	28.02 0.14 0.00	26.58 0.18 0.00	26.87 0.24 0.00	26.91 0.29 0.00	27.46 0.30 0.00	31.50 0.40 0.00	35.58 0.53 0.00	46.49 0.46 0.00	55.50 0.55 0.00	62.54 0.50 0.00	48.35 0.48 0.00	38.77 0.42 0.00	32.82 0.39 0.00
ALBANY___3 23573	39.42 0.43 0.00	34.67 0.48 0.00	32.65 0.48 0.00	32.59 0.51 0.00	33.96 0.50 0.00	39.04 0.54 0.00	50.84 0.60 0.00	47.39 0.61 0.00	36.32 0.18 0.00	29.38 0.06 0.00	28.15 0.11 0.00	28.02 0.14 0.00	26.58 0.18 0.00	26.87 0.24 0.00	26.91 0.29 0.00	27.46 0.30 0.00	31.50 0.40 0.00	35.58 0.53 0.00	46.49 0.46 0.00	55.50 0.55 0.00	62.54 0.50 0.00	48.35 0.48 0.00	38.77 0.42 0.00	32.82 0.39 0.00
ALBANY___4 23574	39.42 0.43 0.00	34.67 0.48 0.00	32.65 0.48 0.00	32.59 0.51 0.00	33.96 0.50 0.00	39.04 0.54 0.00	50.84 0.60 0.00	47.39 0.61 0.00	36.32 0.18 0.00	29.38 0.06 0.00	28.15 0.11 0.00	28.02 0.14 0.00	26.58 0.18 0.00	26.87 0.24 0.00	26.91 0.29 0.00	27.46 0.30 0.00	31.50 0.40 0.00	35.58 0.53 0.00	46.49 0.46 0.00	55.50 0.55 0.00	62.54 0.50 0.00	48.35 0.48 0.00	38.77 0.42 0.00	32.82 0.39 0.00
ALBANY___LFGE 323615	39.69 0.70 0.00	34.94 0.75 0.00	32.84 0.68 0.00	32.78 0.70 0.00	34.19 0.74 0.00	39.31 0.81 0.00	50.99 0.75 0.00	47.71 0.94 0.00	36.54 0.40 0.00	29.53 0.21 0.00	28.29 0.25 0.00	28.16 0.28 0.00	26.66 0.26 0.00	26.92 0.29 0.00	26.96 0.35 0.00	27.59 0.43 0.00	31.63 0.53 0.00	35.86 0.81 0.00	46.90 0.87 0.00	56.05 1.10 0.00	63.16 1.12 0.00	48.82 0.96 0.00	39.12 0.77 0.00	33.08 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	39.11 0.12 0.00	34.29 0.10 0.00	32.26 0.10 0.00	32.14 0.06 0.00	33.59 0.13 0.00	38.70 0.19 0.00	50.54 0.30 0.00	46.87 0.09 0.00	36.14 0.00 0.00	29.27 -0.06 0.00	27.88 -0.17 0.00	27.77 -0.11 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	34.98 -0.07 0.00	46.07 0.05 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.51 0.15 0.00	32.59 0.16 0.00
ALCOA_RYNLDS___DRP 24188	39.10 0.12 0.00	34.29 0.10 0.00	32.26 0.10 0.00	32.14 0.06 0.00	33.59 0.13 0.00	38.70 0.19 0.00	50.48 0.25 0.00	46.87 0.09 0.00	36.14 0.00 0.00	29.27 -0.06 0.00	27.90 -0.14 0.00	27.77 -0.11 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.51 -0.11 0.00	27.05 -0.11 0.00	31.00 -0.09 0.00	34.98 -0.07 0.00	46.07 0.05 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.51 0.15 0.00	32.59 0.16 0.00
ALCOA___DSASP 323711	39.10 0.12 0.00	34.29 0.10 0.00	32.26 0.10 0.00	32.14 0.06 0.00	33.59 0.13 0.00	38.70 0.19 0.00	50.48 0.25 0.00	46.87 0.09 0.00	36.14 0.00 0.00	29.27 -0.06 0.00	27.90 -0.14 0.00	27.77 -0.11 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.51 -0.11 0.00	27.05 -0.11 0.00	31.00 -0.09 0.00	34.98 -0.07 0.00	46.07 0.05 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.51 0.15 0.00	32.59 0.16 0.00
ALLEGHENY___COGEN 23514	39.84 0.86 0.00	34.12 -0.07 0.00	32.39 0.23 0.00	32.27 0.19 0.00	33.49 0.03 0.00	38.50 0.00 0.00	54.32 0.65 -3.43	46.43 -0.38 -0.03	36.76 -0.33 -0.94	29.06 -0.26 0.00	27.57 -0.48 0.00	27.13 -0.75 0.00	25.77 -0.63 0.00	25.80 -0.83 0.00	25.79 -0.83 0.00	26.10 -1.06 0.00	29.71 -1.37 0.02	33.56 -1.47 0.02	63.82 -1.06 -18.85	82.63 -0.22 -27.90	68.71 0.06 -6.60	55.17 -0.43 -7.73	37.79 -0.54 0.02	31.94 -0.49 0.00
ALTAMONT_115KV_TB 2 55880	39.69 0.70 0.00	34.91 0.72 0.00	32.84 0.68 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.19 0.95 0.00	47.67 0.89 0.00	36.68 0.54 0.00	29.71 0.38 0.00	28.46 0.42 0.00	28.30 0.42 0.00	26.85 0.45 0.00	27.13 0.51 0.00	27.15 0.53 0.00	27.70 0.54 0.00	31.78 0.68 0.00	35.96 0.91 0.00	47.13 1.10 0.00	56.21 1.26 0.00	63.41 1.37 0.00	48.97 1.10 0.00	39.23 0.88 0.00	33.14 0.71 0.00
ALTONA_WT_PWR 323606	39.03 0.04 0.00	34.26 0.07 0.00	32.23 0.06 0.00	32.14 0.06 0.00	33.59 0.13 0.00	38.70 0.19 0.00	50.63 0.40 0.00	47.01 0.24 0.00	36.29 0.15 0.00	29.38 0.06 0.00	27.99 -0.06 0.00	27.83 -0.06 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.21 0.18 0.00	55.28 0.33 0.00	62.36 0.31 0.00	48.30 0.43 0.00	38.58 0.23 0.00	32.66 0.23 0.00
AMERICAN_REF_FUEL 24010	36.57 -2.42 0.00	31.21 -2.97 0.00	29.72 -2.45 0.00	29.54 -2.53 0.00	30.51 -2.94 0.00	34.23 -4.28 0.00	44.25 -5.07 0.91	41.30 -5.47 0.01	33.54 -3.43 -0.83	27.21 -2.11 0.00	25.97 -2.07 0.00	25.60 -2.29 0.00	24.50 -1.90 0.00	24.50 -2.13 0.00	24.41 -2.21 0.00	24.36 -2.80 0.00	27.44 -3.64 0.02	30.30 -4.73 0.02	34.52 -5.89 5.62	39.75 -6.87 8.32	52.07 -8.00 1.97	39.05 -6.51 2.31	33.50 -4.83 0.02	28.76 -3.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.56 -0.43 0.00	32.96 -1.23 0.00	31.33 -0.84 0.00	31.21 -0.86 0.00	32.25 -1.20 0.00	36.39 -2.12 0.00	46.91 -2.26 1.07	43.96 -2.81 0.01	35.67 -1.34 -0.86	28.71 -0.62 0.00	27.40 -0.64 0.00	26.99 -0.89 0.00	25.77 -0.63 0.00	25.77 -0.85 0.00	25.66 -0.96 0.00	25.67 -1.49 0.00	28.93 -2.15 0.02	32.50 -2.52 0.02	37.68 -2.81 5.54	43.86 -2.91 8.17	56.51 -3.60 1.94	42.20 -3.40 2.27	35.22 -3.11 0.02	29.83 -2.60 0.00
ARTHUR KILL_GT_1 23520	41.06 2.07 -0.01	36.32 2.12 -0.01	34.10 1.93 -0.01	33.88 1.80 -0.01	35.23 1.77 0.00	40.12 1.62 0.00	52.19 1.96 0.00	48.46 1.68 0.00	37.55 1.41 0.00	30.79 1.47 0.00	29.61 1.57 0.00	29.55 1.67 0.00	29.30 1.72 -1.18	29.77 1.76 -1.38	31.66 2.05 -3.00	32.03 2.04 -2.83	35.05 2.36 -1.59	42.08 2.98 -4.05	49.76 3.73 0.00	58.41 3.46 0.00	66.08 4.03 0.00	51.27 3.40 0.00	41.07 2.72 0.00	34.57 2.14 0.00
ARTHUR_KILL_2 23512	40.94 1.95 -0.01	36.25 2.05 -0.01	33.97 1.80 -0.01	33.78 1.70 -0.01	35.13 1.67 0.00	40.00 1.50 0.00	51.74 1.51 0.00	48.37 1.59 0.00	37.48 1.34 0.00	30.73 1.41 0.00	29.64 1.60 0.00	29.58 1.70 0.00	29.22 1.64 -1.18	29.69 1.68 -1.38	31.55 1.94 -3.00	31.96 1.98 -2.82	34.92 2.24 -1.58	41.97 2.87 -4.05	49.62 3.59 0.00	58.19 3.24 0.00	65.89 3.85 0.00	51.12 3.26 0.00	41.00 2.64 0.00	34.47 2.04 0.00
ARTHUR_KILL_3 23513	40.43 1.44 0.00	35.73 1.54 0.00	33.49 1.32 0.00	33.29 1.22 0.00	34.76 1.30 0.00	39.97 1.46 0.00	52.04 1.81 0.00	48.74 1.96 0.00	37.91 1.77 0.00	31.05 1.73 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.58 1.97 -3.00	31.99 2.01 -2.82	34.92 2.24 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.52 3.57 0.00	66.32 4.28 0.00	50.89 3.02 0.00	40.73 2.38 0.00	34.21 1.78 0.00

ARTHUR_KILL_COGEN 323718	41.06 2.06 -0.01	36.32 2.12 -0.01	34.04 1.86 -0.01	33.84 1.76 -0.01	35.23 1.77 0.00	40.08 1.58 0.00	51.89 1.66 0.00	48.46 1.68 0.00	37.59 1.45 0.00	30.82 1.49 0.00	29.70 1.65 0.00	29.64 1.76 0.00	29.27 1.69 -1.18	29.74 1.73 -1.38	31.61 2.00 -3.00	32.02 2.04 -2.82	34.98 2.30 -1.58	42.08 2.98 -4.05	49.75 3.73 0.00	58.36 3.41 0.00	66.08 4.03 0.00	51.27 3.40 0.00	41.08 2.72 0.00	34.57 2.14 0.00
ASHOKAN____ 23654	41.05 2.06 0.00	36.17 1.98 0.00	33.97 1.80 0.00	33.84 1.76 0.00	35.29 1.84 0.00	40.66 2.15 0.00	52.94 2.71 0.00	49.02 2.25 0.00	37.37 1.23 0.00	30.03 0.70 0.00	28.74 0.70 0.00	28.63 0.75 0.00	27.09 0.69 0.00	27.35 0.72 0.00	27.44 0.83 0.00	28.08 0.92 0.00	32.31 1.21 0.00	36.91 1.86 0.00	48.84 2.81 0.00	58.47 3.52 0.00	66.08 4.03 0.00	50.84 2.97 0.00	40.65 2.30 0.00	34.31 1.88 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.19 1.21 0.01	35.58 1.40 0.01	33.31 1.16 0.01	33.10 1.03 0.00	34.55 1.10 0.01	39.57 1.08 0.01	51.48 1.26 0.01	48.36 1.59 0.01	37.69 1.55 0.01	31.05 1.73 0.00	29.95 1.91 0.00	29.88 2.01 0.01	29.50 1.93 -1.17	29.94 1.94 -1.37	31.60 2.00 -2.99	31.98 2.01 -2.81	34.85 2.18 -1.58	41.75 2.66 -4.04	49.29 3.27 0.01	58.07 3.13 0.01	65.70 3.66 0.01	50.54 2.68 0.01	40.50 2.15 0.00	34.02 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.19 1.21 0.01	35.58 1.40 0.01	33.31 1.16 0.01	33.10 1.03 0.00	34.55 1.10 0.01	39.57 1.08 0.01	51.48 1.26 0.01	48.36 1.59 0.01	37.69 1.55 0.01	31.05 1.73 0.00	29.95 1.91 0.00	29.88 2.01 0.01	29.50 1.93 -1.17	29.94 1.94 -1.37	31.60 2.00 -2.99	31.98 2.01 -2.81	34.85 2.18 -1.58	41.75 2.66 -4.04	49.29 3.27 0.01	58.07 3.13 0.01	65.70 3.66 0.01	50.54 2.68 0.01	40.50 2.15 0.00	34.02 1.59 0.00
ASTORIA_GT2_1 24094	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT2_2 24095	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT2_3 24096	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT2_4 24097	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT3_1 24098	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT3_2 24099	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT3_3 24100	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT3_4 24101	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT4_1 24102	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT4_2 24103	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT4_3 24104	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00

ASTORIA_GT4_4 24105	40.19 1.21 0.01	35.58 1.40 0.01	33.38 1.22 0.01	33.13 1.06 0.00	34.58 1.14 0.01	39.66 1.16 0.00	51.84 1.61 0.00	48.42 1.64 0.00	37.69 1.55 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.93 2.24 -1.59	41.80 2.70 -4.05	49.30 3.27 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.54 2.19 0.00	34.02 1.59 0.00
ASTORIA_GT_1 23523	40.27 1.29 0.01	35.62 1.44 0.01	33.41 1.25 0.01	33.20 1.12 0.00	34.62 1.17 0.01	39.70 1.19 0.00	51.89 1.66 0.00	48.51 1.73 0.00	37.73 1.59 0.00	31.11 1.79 0.00	29.95 1.91 0.00	29.86 1.98 0.00	29.56 1.98 -1.18	30.03 2.02 -1.38	31.71 2.10 -3.00	32.06 2.06 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.39 3.36 0.00	58.25 3.30 0.00	65.89 3.85 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
ASTORIA_GT_10 24110	40.51 1.52 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.86 1.41 0.00	39.97 1.46 0.00	52.14 1.91 0.00	48.65 1.87 0.00	37.80 1.66 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.25 1.82 0.00
ASTORIA_GT_11 24225	40.51 1.52 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.86 1.41 0.00	39.97 1.46 0.00	52.14 1.91 0.00	48.65 1.87 0.00	37.80 1.66 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.25 1.82 0.00
ASTORIA_GT_12 24226	40.51 1.52 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.86 1.41 0.00	39.97 1.46 0.00	52.14 1.91 0.00	48.65 1.87 0.00	37.80 1.66 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.25 1.82 0.00
ASTORIA_GT_13 24227	40.51 1.52 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.86 1.41 0.00	39.97 1.46 0.00	52.14 1.91 0.00	48.65 1.87 0.00	37.80 1.66 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.25 1.82 0.00
ASTORIA_GT_5 24106	40.27 1.29 0.01	35.62 1.44 0.01	33.41 1.25 0.01	33.20 1.12 0.00	34.62 1.17 0.01	39.70 1.19 0.00	51.89 1.66 0.00	48.51 1.73 0.00	37.73 1.59 0.00	31.11 1.79 0.00	29.95 1.91 0.00	29.86 1.98 0.00	29.56 1.98 -1.18	30.03 2.02 -1.38	31.71 2.10 -3.00	32.06 2.06 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.39 3.36 0.00	58.25 3.30 0.00	65.89 3.85 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
ASTORIA_GT_7 24107	40.27 1.29 0.01	35.62 1.44 0.01	33.41 1.25 0.01	33.20 1.12 0.00	34.62 1.17 0.01	39.70 1.19 0.00	51.89 1.66 0.00	48.51 1.73 0.00	37.73 1.59 0.00	31.11 1.79 0.00	29.95 1.91 0.00	29.86 1.98 0.00	29.56 1.98 -1.18	30.03 2.02 -1.38	31.71 2.10 -3.00	32.06 2.06 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.39 3.36 0.00	58.25 3.30 0.00	65.89 3.85 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
ASTORIA_GT_8 24108	40.27 1.29 0.01	35.62 1.44 0.01	33.41 1.25 0.01	33.20 1.12 0.00	34.62 1.17 0.01	39.70 1.19 0.00	51.89 1.66 0.00	48.51 1.73 0.00	37.73 1.59 0.00	31.11 1.79 0.00	29.95 1.91 0.00	29.86 1.98 0.00	29.56 1.98 -1.18	30.03 2.02 -1.38	31.71 2.10 -3.00	32.06 2.06 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.39 3.36 0.00	58.25 3.30 0.00	65.89 3.85 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
ASTORIA___2 24149	40.19 1.21 0.01	35.58 1.40 0.01	33.31 1.16 0.01	33.10 1.03 0.00	34.59 1.14 0.01	39.61 1.12 0.01	51.53 1.30 0.01	48.41 1.64 0.01	37.72 1.59 0.01	31.08 1.76 0.00	29.98 1.93 0.00	29.88 2.01 0.01	29.50 1.93 -1.17	29.94 1.94 -1.37	31.60 2.00 -2.99	32.01 2.04 -2.81	34.85 2.18 -1.58	41.79 2.70 -4.04	49.29 3.27 0.01	58.13 3.19 0.01	65.76 3.72 0.01	50.59 2.73 0.01	40.54 2.18 0.00	34.02 1.59 0.00
ASTORIA___3 23516	40.51 1.52 0.00	35.86 1.67 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.86 1.40 0.00	39.93 1.43 0.00	51.89 1.66 0.00	48.65 1.87 0.00	37.84 1.70 0.00	31.05 1.73 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.63 2.02 -3.00	32.02 2.04 -2.82	34.92 2.24 -1.58	41.87 2.77 -4.05	49.43 3.41 0.00	58.30 3.35 0.00	65.96 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.24 1.81 0.00
ASTORIA___4 23517	40.51 1.52 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.86 1.41 0.00	39.97 1.46 0.00	52.14 1.91 0.00	48.65 1.87 0.00	37.80 1.66 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.25 1.82 0.00
ASTORIA___5 23518	40.51 1.52 0.00	35.86 1.67 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.86 1.40 0.00	39.93 1.43 0.00	51.89 1.66 0.00	48.65 1.87 0.00	37.84 1.70 0.00	31.05 1.73 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.63 2.02 -3.00	32.02 2.04 -2.82	34.92 2.24 -1.58	41.87 2.77 -4.05	49.43 3.41 0.00	58.30 3.35 0.00	65.96 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.24 1.81 0.00
AST_ENERGY_2_CC3 323677	40.55 1.56 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.86 1.40 0.00	40.05 1.54 0.00	52.14 1.91 0.00	48.83 2.06 0.00	37.91 1.77 0.00	31.03 1.70 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.61 2.00 -3.00	31.96 1.98 -2.82	34.92 2.24 -1.59	41.87 2.77 -4.05	49.48 3.45 0.00	58.57 3.63 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.81 2.46 0.00	34.28 1.85 0.00
AST_ENERGY_2_CC4 323678	40.55 1.56 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.86 1.40 0.00	40.05 1.54 0.00	52.14 1.91 0.00	48.83 2.06 0.00	37.91 1.77 0.00	31.03 1.70 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.61 2.00 -3.00	31.96 1.98 -2.82	34.92 2.24 -1.59	41.87 2.77 -4.05	49.48 3.45 0.00	58.57 3.63 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.81 2.46 0.00	34.28 1.85 0.00

ATHENS_STG_1 23668	39.92 0.93 0.00	35.14 0.96 0.00	33.00 0.83 0.00	32.91 0.83 0.00	34.32 0.87 0.00	39.47 0.96 0.00	51.34 1.10 0.00	47.99 1.21 0.00	37.04 0.90 0.00	30.09 0.76 0.00	28.91 0.87 0.00	28.80 0.92 0.00	27.27 0.87 0.00	27.53 0.91 0.00	27.57 0.96 0.00	28.14 0.98 0.00	32.21 1.12 0.00	36.52 1.47 0.00	47.92 1.89 0.00	56.98 2.03 0.00	64.34 2.30 0.00	49.59 1.72 0.00	39.73 1.38 0.00	33.50 1.07 0.00
ATHENS_STG_2 23670	39.92 0.93 0.00	35.14 0.96 0.00	33.00 0.83 0.00	32.91 0.83 0.00	34.32 0.87 0.00	39.47 0.96 0.00	51.34 1.10 0.00	47.99 1.21 0.00	37.04 0.90 0.00	30.09 0.76 0.00	28.91 0.87 0.00	28.80 0.92 0.00	27.27 0.87 0.00	27.53 0.91 0.00	27.57 0.96 0.00	28.14 0.98 0.00	32.21 1.12 0.00	36.52 1.47 0.00	47.92 1.89 0.00	56.98 2.03 0.00	64.34 2.30 0.00	49.59 1.72 0.00	39.73 1.38 0.00	33.50 1.07 0.00
ATHENS_STG_3 23677	39.92 0.93 0.00	35.14 0.96 0.00	33.00 0.83 0.00	32.91 0.83 0.00	34.32 0.87 0.00	39.47 0.96 0.00	51.34 1.10 0.00	47.99 1.21 0.00	37.04 0.90 0.00	30.09 0.76 0.00	28.91 0.87 0.00	28.80 0.92 0.00	27.27 0.87 0.00	27.53 0.91 0.00	27.57 0.96 0.00	28.14 0.98 0.00	32.21 1.12 0.00	36.52 1.47 0.00	47.92 1.89 0.00	56.98 2.03 0.00	64.34 2.30 0.00	49.59 1.72 0.00	39.73 1.38 0.00	33.50 1.07 0.00
AUBURN___LFGE 323710	39.14 0.16 0.00	34.15 -0.03 0.00	32.13 -0.03 0.00	32.04 -0.03 0.00	33.42 -0.03 0.00	38.50 0.00 0.00	50.56 0.20 -0.12	46.92 0.14 0.00	38.33 0.11 -2.08	29.44 0.12 0.00	28.10 0.06 0.00	27.85 -0.03 0.00	26.32 -0.08 0.00	26.49 -0.13 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.84 -0.25 0.01	34.73 -0.32 0.01	46.48 -0.23 -0.68	57.80 0.00 -2.85	65.03 0.12 -2.86	49.15 -0.19 -1.48	38.15 -0.19 0.01	32.23 -0.19 0.00
BABYLON_RES_REC 323704	41.49 2.50 -0.01	36.38 2.19 0.00	33.81 1.64 0.00	33.77 1.70 0.00	35.39 1.94 0.00	40.74 2.23 0.00	52.59 2.36 0.00	48.93 2.15 0.00	37.55 1.41 0.00	30.43 1.11 0.01	29.58 1.54 0.00	29.41 1.53 0.00	29.19 1.61 -1.18	29.73 1.73 -1.38	31.39 1.78 -2.99	31.79 1.82 -2.81	35.45 2.77 -1.59	43.08 3.44 -4.59	52.06 4.23 -1.80	64.90 4.56 -5.39	68.06 5.34 -0.68	52.20 3.93 -0.41	47.16 3.26 -5.55	34.97 2.53 -0.01
BALL_HILL_WT_PWR 323825	38.05 -0.94 0.00	32.51 -1.67 0.00	30.91 -1.26 0.00	30.76 -1.32 0.00	31.75 -1.70 0.00	35.77 -2.73 0.00	46.06 -3.07 1.10	43.21 -3.56 0.01	35.04 -1.95 -0.86	28.27 -1.05 0.00	26.98 -1.07 0.00	26.57 -1.31 0.00	25.37 -1.03 0.00	25.38 -1.25 0.00	25.29 -1.33 0.00	25.29 -1.87 0.00	28.53 -2.55 0.02	32.05 -2.98 0.02	36.82 -3.41 5.80	42.76 -3.63 8.56	55.61 -4.40 2.03	41.71 -3.78 2.38	34.99 -3.34 0.02	29.80 -2.63 0.00
BARON_WINDS___WT_PWR 323822	38.48 -0.51 0.00	33.09 -1.10 0.00	31.36 -0.80 0.00	31.21 -0.86 0.00	32.32 -1.14 0.00	36.69 -1.81 0.00	45.96 -1.86 2.42	44.23 -2.53 0.02	35.57 -1.55 -0.99	28.33 -1.00 0.00	26.98 -1.07 0.00	26.65 -1.23 0.00	25.37 -1.03 0.00	25.38 -1.25 0.00	25.31 -1.30 0.00	25.48 -1.68 0.00	28.83 -2.24 0.03	32.70 -2.31 0.03	30.53 -2.35 13.15	33.69 -2.14 19.12	55.49 -2.42 4.13	40.44 -2.25 5.18	36.02 -2.30 0.03	30.61 -1.82 0.00
BARRETT_IC_1 23704	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_10 23701	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_11 23702	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_12 23703	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_2 23705	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_3 23706	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_4 23707	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_5 23708	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01

BARRETT_IC_6 23709	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_7 23710	41.10 2.11 -0.01	36.00 1.81 0.00	33.55 1.38 0.00	33.49 1.41 0.00	35.06 1.61 0.00	40.35 1.85 0.00	52.24 2.01 0.00	48.42 1.64 0.00	37.30 1.16 0.00	30.31 1.00 0.01	29.36 1.32 0.00	29.19 1.31 0.00	29.03 1.45 -1.18	29.55 1.54 -1.38	31.23 1.62 -2.99	31.59 1.60 -2.83	35.09 2.39 -1.60	42.43 2.80 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.15 4.10 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.51 2.08 -0.01
BARRETT_IC_8 23711	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT_IC_9 23700	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT___1 23545	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BARRETT___2 23546	41.10 2.10 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.06 1.61 0.00	40.35 1.85 0.00	51.89 1.66 0.00	48.41 1.64 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.00 1.42 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.02 2.33 -1.59	42.43 2.81 -4.58	51.04 3.27 -1.74	62.45 3.30 -4.21	66.09 4.03 -0.01	51.14 2.87 -0.40	46.30 2.57 -5.38	34.52 2.08 -0.01
BATAVIA___115KV_TB1 55881	38.09 -0.90 0.00	32.51 -1.68 0.00	30.65 -1.51 0.00	30.69 -1.38 0.00	31.88 -1.57 0.00	36.00 -2.50 0.00	46.76 -2.96 0.51	44.39 -2.39 0.00	35.57 -1.41 -0.84	28.53 -0.79 0.00	27.26 -0.79 0.00	26.91 -0.98 0.00	25.16 -1.24 0.00	25.27 -1.36 0.00	24.99 -1.62 0.00	25.50 -1.66 0.00	28.59 -2.49 0.02	31.99 -3.05 0.02	39.40 -3.64 2.99	46.63 -3.90 4.42	56.41 -4.59 1.05	42.76 -3.88 1.23	35.50 -2.84 0.02	30.22 -2.21 0.00
BAYONEEC___CTG1 323682	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG10 323750	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG2 323683	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG3 323684	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG4 323685	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG5 323686	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG6 323687	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG7 323688	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00

BAYONEEC___CTG8 323689	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYONEEC___CTG9 323749	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.56 1.98 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
BAYPORT_69_KV_BK 2 356364	42.04 3.04 -0.01	36.79 2.60 0.00	34.19 2.03 0.00	34.19 2.12 0.00	35.83 2.38 0.00	41.24 2.73 0.00	53.50 3.27 0.00	49.30 2.53 0.00	37.77 1.63 0.00	30.55 1.23 0.01	29.70 1.65 0.00	29.53 1.64 0.00	29.40 1.82 -1.18	29.95 1.94 -1.38	31.65 2.05 -2.99	32.00 2.01 -2.83	35.87 3.17 -1.60	43.57 3.96 -4.55	52.62 4.92 -1.67	67.39 5.49 -6.95	71.36 6.33 -2.99	52.94 4.69 -0.38	47.30 3.80 -5.15	35.45 3.02 -0.01
BEACON___LESR 323632	39.89 0.90 0.00	35.08 0.89 0.00	33.00 0.83 0.00	32.94 0.87 0.00	34.36 0.90 0.00	39.50 1.00 0.00	51.29 1.06 0.00	47.95 1.17 0.00	36.68 0.54 0.00	29.65 0.32 0.00	28.38 0.34 0.00	28.24 0.36 0.00	26.72 0.32 0.00	26.97 0.35 0.00	27.02 0.40 0.00	27.67 0.51 0.00	31.72 0.62 0.00	36.00 0.95 0.00	47.13 1.10 0.00	56.38 1.43 0.00	63.53 1.49 0.00	49.11 1.24 0.00	39.31 0.96 0.00	33.24 0.81 0.00
BEAVER RIVER___HYD 24048	39.03 0.04 0.00	34.22 0.03 0.00	32.20 0.03 0.00	32.11 0.03 0.00	33.56 0.10 0.00	38.85 0.35 0.00	50.88 0.65 0.00	46.59 -0.19 0.00	36.85 -0.65 -1.36	28.53 -0.79 0.00	27.14 -0.90 0.00	27.05 -0.84 0.00	25.58 -0.82 0.00	25.72 -0.91 0.00	25.63 -0.98 0.00	26.26 -0.90 0.00	30.23 -0.87 0.00	34.28 -0.77 0.00	45.61 -0.42 0.00	56.36 0.17 -1.24	64.13 0.31 -1.77	48.72 0.05 -0.81	38.51 0.15 0.00	32.49 0.06 0.00
BEEBEE_GT_13 23619	38.40 -0.58 0.00	33.06 -1.13 0.00	31.14 -1.03 0.00	31.14 -0.93 0.00	32.38 -1.07 0.00	37.12 -1.39 0.00	48.13 -2.21 -0.10	45.28 -1.50 0.00	36.13 -0.83 -0.82	28.89 -0.44 0.00	27.62 -0.42 0.00	27.38 -0.50 0.00	25.74 -0.66 0.00	25.86 -0.77 0.00	25.66 -0.96 0.00	26.18 -0.98 0.00	29.75 -1.34 0.01	33.18 -1.86 0.01	44.26 -2.35 -0.58	53.27 -2.53 -0.85	59.52 -2.73 -0.20	45.66 -2.44 -0.24	36.69 -1.65 0.01	31.16 -1.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.95 1.95 -0.01	36.21 2.02 -0.01	33.98 1.80 -0.01	33.75 1.67 -0.01	35.16 1.71 0.00	40.24 1.73 0.00	52.49 2.26 0.00	48.84 2.06 0.00	37.91 1.77 0.00	31.11 1.79 0.00	29.95 1.91 0.00	29.89 2.01 0.00	29.61 2.03 -1.18	30.06 2.05 -1.38	31.82 2.21 -3.00	32.19 2.20 -2.83	35.21 2.52 -1.59	42.22 3.12 -4.05	49.89 3.87 0.00	58.80 3.85 0.00	66.51 4.47 0.00	51.36 3.49 0.00	41.11 2.76 0.00	34.57 2.14 0.00
BETHLEHEM___GRP 23843	39.42 0.43 0.00	34.67 0.48 0.00	32.65 0.48 0.00	32.59 0.51 0.00	33.96 0.50 0.00	39.04 0.54 0.00	50.84 0.60 0.00	47.39 0.61 0.00	36.32 0.18 0.00	29.38 0.06 0.00	28.15 0.11 0.00	28.02 0.14 0.00	26.58 0.18 0.00	26.87 0.24 0.00	26.91 0.29 0.00	27.46 0.30 0.00	31.50 0.40 0.00	35.58 0.53 0.00	46.49 0.46 0.00	55.50 0.55 0.00	62.54 0.50 0.00	48.35 0.48 0.00	38.77 0.42 0.00	32.82 0.39 0.00
BETHLEHEM___GS1 323560	39.42 0.43 0.00	34.67 0.48 0.00	32.62 0.45 0.00	32.56 0.48 0.00	33.96 0.50 0.00	39.00 0.50 0.00	50.59 0.35 0.00	47.38 0.61 0.00	36.25 0.11 0.00	29.33 0.00 0.00	28.10 0.06 0.00	27.96 0.08 0.00	26.48 0.08 0.00	26.76 0.13 0.00	26.80 0.19 0.00	27.40 0.24 0.00	31.41 0.31 0.00	35.58 0.53 0.00	46.49 0.46 0.00	55.50 0.55 0.00	62.54 0.49 0.00	48.35 0.48 0.00	38.77 0.42 0.00	32.82 0.39 0.00
BETHLEHEM___GS2 323561	39.42 0.43 0.00	34.67 0.48 0.00	32.62 0.45 0.00	32.56 0.48 0.00	33.96 0.50 0.00	39.00 0.50 0.00	50.59 0.35 0.00	47.38 0.61 0.00	36.25 0.11 0.00	29.33 0.00 0.00	28.10 0.06 0.00	27.96 0.08 0.00	26.48 0.08 0.00	26.76 0.13 0.00	26.80 0.19 0.00	27.40 0.24 0.00	31.41 0.31 0.00	35.58 0.53 0.00	46.49 0.46 0.00	55.50 0.55 0.00	62.54 0.49 0.00	48.35 0.48 0.00	38.77 0.42 0.00	32.82 0.39 0.00
BETHLEHEM___GS3 323562	39.42 0.43 0.00	34.67 0.48 0.00	32.62 0.45 0.00	32.56 0.48 0.00	33.96 0.50 0.00	39.00 0.50 0.00	50.59 0.35 0.00	47.38 0.61 0.00	36.25 0.11 0.00	29.33 0.00 0.00	28.10 0.06 0.00	27.96 0.08 0.00	26.48 0.08 0.00	26.76 0.13 0.00	26.80 0.19 0.00	27.40 0.24 0.00	31.41 0.31 0.00	35.58 0.53 0.00	46.49 0.46 0.00	55.50 0.55 0.00	62.54 0.49 0.00	48.35 0.48 0.00	38.77 0.42 0.00	32.82 0.39 0.00
BETHLEHEM___STEEL 23779	37.74 -1.25 0.00	32.24 -1.95 0.00	30.40 -1.77 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.23 -3.27 0.00	45.29 -3.87 1.08	42.70 -4.07 0.01	34.57 -2.42 -0.85	27.95 -1.38 0.00	26.75 -1.29 0.00	26.38 -1.51 0.00	24.66 -1.74 0.00	24.76 -1.86 0.00	24.51 -2.10 0.00	24.96 -2.20 0.00	28.25 -2.83 0.02	31.77 -3.26 0.02	36.68 -3.82 5.53	42.68 -4.12 8.15	55.02 -5.09 1.93	41.49 -4.12 2.27	34.80 -3.53 0.02	29.67 -2.76 0.00
BETHLHEM_115KV_TB1 79974	39.46 0.47 0.00	34.74 0.55 0.00	32.68 0.51 0.00	32.62 0.55 0.00	33.99 0.54 0.00	39.08 0.58 0.00	50.89 0.65 0.00	47.43 0.65 0.00	36.39 0.25 0.00	29.44 0.12 0.00	28.21 0.17 0.00	28.08 0.20 0.00	26.64 0.24 0.00	26.92 0.29 0.00	26.96 0.35 0.00	27.54 0.38 0.00	31.56 0.47 0.00	35.65 0.60 0.00	46.63 0.60 0.00	55.66 0.71 0.00	62.73 0.68 0.00	48.49 0.62 0.00	38.89 0.54 0.00	32.88 0.45 0.00
BETHPAGE_CC_5 323564	41.46 2.46 -0.01	36.34 2.16 0.00	33.81 1.64 0.00	33.77 1.70 0.00	35.39 1.94 0.00	40.70 2.19 0.00	52.59 2.36 0.00	48.93 2.15 0.00	37.66 1.52 0.00	30.55 1.23 0.01	29.67 1.63 0.00	29.53 1.64 0.00	29.29 1.72 -1.18	29.82 1.81 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.45 2.77 -1.59	43.04 3.37 -4.62	52.07 4.14 -1.89	64.75 4.45 -5.35	67.58 5.21 -0.32	52.13 3.83 -0.43	47.37 3.18 -5.84	34.90 2.46 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.74 -1.25 0.00	32.27 -1.91 0.00	30.40 -1.77 0.00	30.41 -1.67 0.00	31.48 -1.97 0.00	35.27 -3.23 0.00	45.60 -3.57 1.07	42.75 -4.02 0.01	34.57 -2.42 -0.85	27.95 -1.38 0.00	26.72 -1.32 0.00	26.38 -1.51 0.00	24.66 -1.74 0.00	24.76 -1.86 0.00	24.51 -2.10 0.00	24.96 -2.20 0.00	28.28 -2.80 0.02	31.91 -3.12 0.02	37.02 -3.54 5.46	43.11 -3.79 8.05	55.36 -4.78 1.91	41.75 -3.88 2.24	34.84 -3.49 0.02	29.67 -2.76 0.00

BINGHAMTON___COGEN 23790	39.46 0.47 0.00	34.50 0.31 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.72 0.27 0.00	38.73 0.23 0.00	50.65 0.60 0.18	47.15 0.37 0.00	37.48 0.25 -1.08	29.59 0.26 0.00	28.27 0.22 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.18 0.06 -0.02	35.25 0.18 -0.02	45.43 0.41 1.01	54.92 0.60 0.64	63.66 0.74 -0.87	48.39 0.38 -0.14	38.56 0.19 -0.02	32.56 0.13 0.00
BIXINCNT_115KV_LOAD 355685	38.05 -0.94 0.00	32.55 -1.64 0.00	30.69 -1.48 0.00	30.66 -1.41 0.00	31.75 -1.71 0.00	35.65 -2.85 0.00	48.88 -0.35 1.01	43.68 -3.09 0.01	35.29 -1.73 -0.88	28.30 -1.03 0.00	27.06 -0.98 0.00	26.68 -1.20 0.00	25.00 -1.40 0.00	25.11 -1.52 0.00	24.86 -1.76 0.00	25.34 -1.82 0.00	28.87 -2.21 0.02	33.28 -1.75 0.02	39.87 -1.06 5.10	46.88 -0.55 7.52	58.90 -1.37 1.78	44.78 -1.01 2.09	35.84 -2.49 0.02	30.09 -2.33 0.00
BLACK RIVER___HYD 24047	39.22 0.24 0.00	34.40 0.21 0.00	32.39 0.23 0.00	32.27 0.19 0.00	33.76 0.30 0.00	39.08 0.58 0.00	51.34 1.10 0.00	47.01 0.24 0.00	37.69 -0.43 -1.98	28.65 -0.67 0.00	27.23 -0.81 0.00	27.16 -0.73 0.00	25.69 -0.71 0.00	25.77 -0.85 0.00	25.66 -0.96 0.00	26.32 -0.84 0.00	30.32 -0.78 0.00	34.42 -0.63 0.00	45.94 -0.09 0.00	57.51 0.66 -1.90	65.73 0.99 -2.70	49.53 0.43 -1.23	38.74 0.38 0.00	32.63 0.20 0.00
BLACKRVR_115KV_TB2 79977	39.22 0.23 0.00	34.39 0.21 0.00	32.36 0.19 0.00	32.27 0.19 0.00	33.76 0.30 0.00	39.08 0.58 0.00	51.24 1.00 0.00	47.01 0.23 0.00	37.65 -0.47 -1.98	28.65 -0.67 0.00	27.23 -0.81 0.00	27.16 -0.72 0.00	25.66 -0.74 0.00	25.75 -0.88 0.00	25.66 -0.96 0.00	26.29 -0.87 0.00	30.23 -0.87 0.00	34.42 -0.63 0.00	45.94 -0.09 0.00	57.51 0.66 -1.90	65.73 0.99 -2.70	49.53 0.43 -1.23	38.74 0.38 0.00	32.62 0.19 0.00
BLISS_WT_PWR 323608	38.05 -0.94 0.00	32.58 -1.61 0.00	30.98 -1.19 0.00	30.76 -1.32 0.00	31.75 -1.70 0.00	35.85 -2.66 0.00	46.82 -2.41 1.01	43.73 -3.04 0.01	35.43 -1.59 -0.88	28.42 -0.91 0.00	27.09 -0.95 0.00	26.71 -1.17 0.00	25.42 -0.98 0.00	25.43 -1.20 0.00	25.31 -1.30 0.00	25.45 -1.71 0.00	28.68 -2.39 0.02	33.24 -1.79 0.02	39.88 -1.06 5.10	46.88 -0.55 7.52	58.96 -1.31 1.78	44.77 -1.01 2.09	35.84 -2.49 0.02	30.09 -2.34 0.00
BLUESTONE___WT_PWR 323821	41.17 2.18 0.00	36.10 1.91 0.00	33.97 1.80 0.00	33.84 1.76 0.00	35.33 1.87 0.00	40.74 2.23 0.00	53.35 3.12 0.00	49.35 2.57 0.00	38.61 1.63 -0.84	30.50 1.17 0.00	29.00 0.95 0.00	28.94 1.06 0.00	27.04 0.98 0.34	27.14 0.91 0.40	26.56 0.80 0.86	27.22 0.87 0.81	31.77 1.12 0.45	35.58 1.68 1.15	48.42 2.39 0.00	58.85 3.24 -0.66	66.65 3.66 -0.94	50.64 2.34 -0.43	39.86 1.49 -0.01	33.44 1.01 0.00
BLUE_CIRC_CHEM_DRP 24182	39.92 0.94 0.00	35.11 0.92 0.00	33.04 0.87 0.00	32.94 0.87 0.00	34.36 0.90 0.00	39.50 1.00 0.00	51.44 1.21 0.00	47.67 0.89 0.00	36.57 0.43 0.00	29.56 0.23 0.00	28.32 0.28 0.00	28.19 0.31 0.00	26.72 0.32 0.00	27.00 0.37 0.00	27.04 0.43 0.00	27.62 0.46 0.00	31.69 0.59 0.00	35.86 0.81 0.00	47.13 1.10 0.00	56.38 1.43 0.00	63.60 1.55 0.00	49.16 1.29 0.00	39.39 1.04 0.00	33.27 0.84 0.00
BOC_GAS_DRP 24189	39.57 0.58 0.00	34.80 0.62 0.00	32.75 0.58 0.00	32.65 0.58 0.00	34.06 0.60 0.00	39.16 0.65 0.00	51.04 0.80 0.00	47.53 0.75 0.00	36.61 0.47 0.00	29.68 0.35 0.00	28.44 0.39 0.00	28.30 0.42 0.00	26.85 0.45 0.00	27.13 0.51 0.00	27.15 0.53 0.00	27.70 0.54 0.00	31.78 0.68 0.00	35.89 0.84 0.00	47.04 1.01 0.00	56.05 1.10 0.00	63.22 1.18 0.00	48.83 0.96 0.00	39.12 0.77 0.00	33.08 0.65 0.00
BOONVILLE_115KV_TB1 79983	39.69 0.70 0.00	34.80 0.62 0.00	32.75 0.58 0.00	32.65 0.58 0.00	34.12 0.67 0.00	39.43 0.92 0.00	51.64 1.41 0.00	47.62 0.84 0.00	37.41 0.29 -0.98	29.35 0.03 0.00	27.96 -0.08 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.49 -0.13 0.00	26.40 -0.21 0.00	27.00 -0.16 0.00	31.03 -0.06 0.00	35.23 0.18 0.00	46.72 0.69 0.00	57.01 1.26 -0.79	64.73 1.55 -1.13	49.39 1.01 -0.52	39.16 0.81 0.00	33.05 0.62 0.00
BORALEX_4TH_BRANCH 23824	40.20 1.21 0.00	35.39 1.20 0.00	33.39 1.22 0.00	33.39 1.32 0.00	34.79 1.34 0.00	39.93 1.42 0.00	52.14 1.91 0.00	48.70 1.92 0.00	37.48 1.34 0.00	30.06 0.73 0.00	28.83 0.79 0.00	28.72 0.84 0.00	27.24 0.84 0.00	27.64 1.01 0.00	27.71 1.09 0.00	28.27 1.11 0.00	32.47 1.37 0.00	36.80 1.75 0.00	48.28 2.26 0.00	57.64 2.69 0.00	64.53 2.48 0.00	50.21 2.35 0.00	40.15 1.80 0.00	33.95 1.52 0.00
BOWLINE___1 23526	40.43 1.44 0.00	35.66 1.47 0.00	33.42 1.25 0.00	33.29 1.22 0.00	34.73 1.27 0.00	39.93 1.43 0.00	51.99 1.76 0.00	48.60 1.82 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.61 1.57 0.00	29.53 1.64 0.00	29.75 1.56 -1.79	30.32 1.60 -2.09	32.81 1.65 -4.54	33.12 1.68 -4.28	35.40 1.90 -2.41	43.62 2.42 -6.15	49.06 3.04 0.00	58.19 3.24 0.00	65.96 3.91 0.00	50.64 2.78 0.00	40.54 2.18 0.00	34.08 1.65 0.00
BOWLINE___2 23595	40.43 1.44 0.00	35.66 1.47 0.00	33.42 1.25 0.00	33.29 1.22 0.00	34.73 1.27 0.00	39.93 1.43 0.00	51.99 1.76 0.00	48.60 1.82 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.61 1.57 0.00	29.53 1.64 0.00	29.74 1.56 -1.79	30.31 1.60 -2.09	32.80 1.65 -4.53	33.11 1.68 -4.27	35.40 1.90 -2.40	43.60 2.42 -6.13	49.06 3.04 0.00	58.19 3.24 0.00	65.96 3.91 0.00	50.64 2.78 0.00	40.54 2.18 0.00	34.08 1.65 0.00
BRADY___115KV_TB2 356060	39.18 0.19 0.00	34.39 0.21 0.00	32.33 0.16 0.00	32.23 0.16 0.00	33.69 0.23 0.00	38.85 0.35 0.00	50.69 0.45 0.00	46.78 0.00 0.00	36.20 -0.25 -0.31	28.97 -0.35 0.00	27.59 -0.45 0.00	27.49 -0.39 0.00	26.03 -0.37 0.00	26.23 -0.40 0.00	26.24 -0.37 0.00	26.81 -0.35 0.00	30.75 -0.34 0.00	34.80 -0.25 0.00	46.03 0.00 0.00	55.17 0.22 0.00	62.29 0.25 0.00	48.25 0.38 0.00	38.62 0.27 0.00	32.69 0.26 0.00
BRANSCOMB___SOLAR 323811	40.47 1.48 0.00	35.59 1.40 0.00	33.49 1.32 0.00	33.42 1.35 0.00	34.93 1.47 0.00	40.16 1.65 0.00	52.24 2.01 0.00	48.70 1.92 0.00	37.12 0.98 0.00	29.85 0.53 0.00	28.46 0.42 0.00	28.30 0.42 0.00	26.77 0.37 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.79 0.63 0.00	31.90 0.81 0.00	36.35 1.30 0.00	47.78 1.75 0.00	57.42 2.47 0.00	64.84 2.79 0.00	50.12 2.25 0.00	40.04 1.69 0.00	33.85 1.43 0.00
BRDGHMPT_69_KV_BK1 55812	42.00 3.00 -0.01	36.72 2.53 0.00	34.06 1.90 0.00	34.03 1.96 0.00	35.53 2.07 0.00	40.78 2.27 0.00	52.80 2.56 0.00	48.84 2.06 0.00	37.30 1.16 0.00	30.11 0.79 0.01	29.39 1.35 0.00	29.33 1.45 0.00	29.35 1.77 -1.18	29.89 1.89 -1.38	31.55 1.94 -2.99	31.81 1.82 -2.83	35.65 2.95 -1.60	43.38 3.79 -4.55	52.47 4.79 -1.65	67.53 5.28 -7.31	71.50 5.96 -3.49	52.70 4.45 -0.38	47.01 3.57 -5.10	35.26 2.82 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	41.76 2.77 -0.01	36.58 2.39 0.00	34.03 1.87 0.00	34.00 1.92 0.00	35.60 2.14 0.00	41.01 2.50 0.00	53.25 3.01 0.00	49.07 2.29 0.00	37.62 1.48 0.00	30.49 1.17 0.01	29.58 1.54 0.00	29.41 1.53 0.00	29.29 1.72 -1.18	29.84 1.84 -1.38	31.52 1.92 -2.99	31.89 1.90 -2.83	35.71 3.02 -1.60	43.29 3.68 -4.56	52.21 4.51 -1.68	67.14 4.89 -7.30	71.16 5.71 -3.41	52.46 4.21 -0.38	47.05 3.53 -5.17	35.19 2.76 -0.01
BRISTLHL_115KV_TB1 79998	38.25 -0.74 0.00	33.47 -0.72 0.00	31.49 -0.68 0.00	31.40 -0.67 0.00	32.75 -0.70 0.00	37.73 -0.77 0.00	49.28 -0.95 0.00	45.94 -0.84 0.00	39.10 -0.58 -3.54	28.89 -0.44 0.00	27.59 -0.45 0.00	27.41 -0.47 0.00	25.90 -0.50 0.00	26.09 -0.53 0.00	26.06 -0.56 0.00	26.59 -0.57 0.00	30.38 -0.72 0.00	34.14 -0.91 0.00	44.83 -1.20 0.00	57.57 -1.32 -3.94	66.21 -1.43 -5.59	49.18 -1.24 -2.55	37.39 -0.96 0.00	31.62 -0.81 0.00
BROOKHAVEN___DRP 24191	41.73 2.73 -0.01	36.55 2.36 0.00	33.97 1.80 0.00	33.93 1.86 0.00	35.53 2.07 0.00	40.89 2.39 0.00	53.05 2.81 0.00	48.88 2.11 0.00	37.48 1.34 0.00	30.29 0.97 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.19 1.61 -1.18	29.73 1.73 -1.38	31.41 1.81 -2.99	31.78 1.79 -2.83	35.59 2.89 -1.60	43.21 3.61 -4.55	52.14 4.46 -1.65	67.18 4.89 -7.34	71.23 5.65 -3.54	52.41 4.16 -0.38	46.90 3.45 -5.09	35.16 2.72 -0.01
BROOKLYN_NAVY_YARD 23515	40.42 1.44 0.02	35.76 1.57 0.00	33.52 1.35 0.00	33.32 1.25 0.00	34.83 1.37 0.00	40.05 1.54 0.00	52.24 2.01 0.00	48.93 2.15 0.00	38.02 1.88 0.00	31.14 1.82 0.00	30.09 2.05 0.00	30.00 2.12 0.00	29.59 2.01 -1.18	30.06 2.05 -1.38	31.69 2.08 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.59	42.01 2.91 -4.05	49.66 3.64 0.00	58.74 3.79 0.00	66.52 4.47 0.00	51.12 3.26 0.00	40.88 2.53 0.00	34.28 1.85 0.00
BROOKLYN___ARMY_DRP 323595	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
BROOME_2_LFGE 323671	39.46 0.47 0.00	34.50 0.31 0.00	32.49 0.32 0.00	32.36 0.29 0.00	33.72 0.27 0.00	38.77 0.27 0.00	50.55 0.50 0.18	47.15 0.37 0.00	37.51 0.29 -1.08	29.62 0.29 0.00	28.29 0.25 0.00	28.08 0.20 0.00	26.61 0.21 0.00	26.79 0.16 0.00	26.75 0.13 0.00	27.24 0.08 0.00	31.18 0.06 -0.02	35.25 0.18 -0.02	45.43 0.41 1.01	54.92 0.61 0.64	63.66 0.75 -0.87	48.39 0.38 -0.14	38.56 0.19 -0.02	32.56 0.13 0.00
BROOME___LFGE 323600	39.46 0.47 0.00	34.50 0.31 0.00	32.49 0.32 0.00	32.36 0.29 0.00	33.72 0.27 0.00	38.77 0.27 0.00	50.55 0.50 0.18	47.15 0.37 0.00	37.51 0.29 -1.08	29.62 0.29 0.00	28.29 0.25 0.00	28.08 0.20 0.00	26.61 0.21 0.00	26.79 0.16 0.00	26.75 0.13 0.00	27.24 0.08 0.00	31.18 0.06 -0.02	35.25 0.18 -0.02	45.43 0.41 1.01	54.92 0.61 0.64	63.66 0.75 -0.87	48.39 0.38 -0.14	38.56 0.19 -0.02	32.56 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	38.60 -0.39 0.00	33.88 -0.31 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.19 -0.27 0.00	38.39 -0.12 0.00	50.03 -0.20 0.00	45.89 -0.89 0.00	36.03 -1.12 -1.01	28.18 -1.14 0.00	26.81 -1.23 0.00	26.74 -1.14 0.00	25.29 -1.11 0.00	25.46 -1.17 0.00	25.39 -1.22 0.00	25.96 -1.20 0.00	29.85 -1.24 0.00	33.79 -1.26 0.00	44.88 -1.15 0.00	55.15 -0.71 -0.92	62.60 -0.74 -1.30	47.84 -0.62 -0.59	38.05 -0.31 0.00	32.14 -0.29 0.00
BROWNSV1_27_KV_LOAD 356125	40.82 1.83 0.00	36.07 1.88 0.00	33.81 1.64 0.00	33.61 1.54 0.00	35.09 1.64 0.00	40.35 1.85 0.00	52.85 2.61 0.00	49.21 2.43 0.00	38.20 2.06 0.00	31.29 1.96 0.00	30.15 2.10 0.00	30.03 2.15 0.00	29.75 2.16 -1.18	30.19 2.18 -1.38	31.85 2.24 -3.00	32.20 2.20 -2.84	35.24 2.55 -1.60	42.22 3.12 -4.05	49.89 3.87 0.00	59.07 4.12 0.00	66.95 4.90 0.00	51.36 3.49 0.00	41.15 2.80 0.00	34.50 2.08 0.00
BURROWS___LYONSDAL 23803	39.53 0.55 0.00	34.67 0.48 0.00	32.62 0.45 0.00	32.52 0.45 0.00	33.99 0.54 0.00	39.27 0.77 0.00	51.49 1.26 0.00	47.39 0.61 0.00	37.27 0.07 -1.06	29.18 -0.15 0.00	27.76 -0.28 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.31 -0.32 0.00	26.24 -0.37 0.00	26.83 -0.33 0.00	30.82 -0.28 0.00	35.02 -0.04 0.00	46.49 0.46 0.00	56.88 1.04 -0.88	64.60 1.30 -1.25	49.25 0.81 -0.57	39.00 0.65 0.00	32.92 0.49 0.00
CAITHNESS_CC_1 323624	41.65 2.65 -0.01	36.48 2.29 0.00	33.87 1.70 0.00	33.84 1.76 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.50 2.26 0.00	48.79 2.01 0.00	37.44 1.30 0.00	30.28 0.97 0.01	29.47 1.43 0.00	29.33 1.45 0.00	29.14 1.56 -1.18	29.68 1.68 -1.38	31.33 1.73 -2.99	31.73 1.76 -2.81	35.49 2.80 -1.59	43.14 3.54 -4.55	52.00 4.33 -1.65	67.05 4.73 -7.37	71.08 5.46 -3.57	52.27 4.02 -0.38	46.78 3.33 -5.09	35.10 2.66 -0.01
CALPINE BETH_PAGE_GT4 24209	41.45 2.46 -0.01	36.34 2.15 0.00	33.87 1.70 0.00	33.81 1.73 0.00	35.40 1.94 0.00	40.74 2.23 0.00	53.00 2.76 0.00	48.98 2.20 0.00	37.66 1.52 0.00	30.58 1.26 0.01	29.64 1.60 0.00	29.47 1.59 0.00	29.32 1.74 -1.18	29.84 1.84 -1.38	31.52 1.92 -2.99	31.89 1.90 -2.83	35.50 2.80 -1.60	43.07 3.36 -4.66	52.17 4.14 -2.00	64.79 4.45 -5.39	67.33 5.27 -0.01	52.15 3.83 -0.46	47.72 3.18 -6.18	34.90 2.46 -0.01
CALPINE_BETH_PAGE_GT_4 323586	41.46 2.46 -0.01	36.34 2.16 0.00	33.84 1.67 0.00	33.77 1.70 0.00	35.39 1.94 0.00	40.74 2.23 0.00	52.59 2.36 0.00	48.98 2.20 0.00	37.69 1.55 0.00	30.58 1.26 0.01	29.70 1.65 0.00	29.55 1.67 0.00	29.32 1.74 -1.18	29.84 1.84 -1.38	31.49 1.89 -2.99	31.87 1.90 -2.81	35.45 2.77 -1.59	43.07 3.37 -4.66	52.18 4.14 -2.00	64.79 4.45 -5.39	67.33 5.27 -0.01	52.20 3.88 -0.46	47.71 3.18 -6.18	34.90 2.46 -0.01
CALPINE_BP_GT1 23823	41.46 2.46 -0.01	36.34 2.16 0.00	33.84 1.67 0.00	33.77 1.70 0.00	35.39 1.94 0.00	40.74 2.23 0.00	52.59 2.36 0.00	48.98 2.20 0.00	37.69 1.55 0.00	30.58 1.26 0.01	29.70 1.65 0.00	29.55 1.67 0.00	29.32 1.74 -1.18	29.84 1.84 -1.38	31.49 1.89 -2.99	31.87 1.90 -2.81	35.45 2.77 -1.59	43.07 3.37 -4.66	52.18 4.14 -2.00	64.79 4.45 -5.39	67.33 5.27 -0.01	52.20 3.88 -0.46	47.71 3.18 -6.18	34.90 2.46 -0.01
CALSPAN___DRP 24200	37.74 -1.25 0.00	32.24 -1.95 0.00	30.40 -1.77 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.23 -3.27 0.00	45.29 -3.87 1.08	42.70 -4.07 0.01	34.57 -2.42 -0.85	27.95 -1.38 0.00	26.75 -1.29 0.00	26.38 -1.51 0.00	24.66 -1.74 0.00	24.76 -1.86 0.00	24.51 -2.10 0.00	24.96 -2.20 0.00	28.25 -2.83 0.02	31.77 -3.26 0.02	36.68 -3.82 5.53	42.68 -4.12 8.15	55.02 -5.09 1.93	41.49 -4.12 2.27	34.80 -3.53 0.02	29.67 -2.76 0.00

CALVERTON___SOLAR 323806	41.84 2.84 -0.01	36.62 2.43 0.00	33.97 1.80 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.93 2.43 0.00	52.69 2.46 0.00	48.93 2.15 0.00	37.51 1.37 0.00	30.32 1.00 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.19 1.61 -1.18	29.73 1.73 -1.38	31.39 1.78 -2.99	31.79 1.82 -2.81	35.58 2.89 -1.59	43.28 3.68 -4.55	52.24 4.56 -1.65	67.28 5.00 -7.33	71.34 5.77 -3.52	52.55 4.31 -0.38	46.97 3.53 -5.09	35.23 2.79 -0.01
CANDIGU_WT_PWR 323617	38.48 -0.51 0.00	33.09 -1.10 0.00	31.36 -0.80 0.00	31.21 -0.86 0.00	32.32 -1.14 0.00	36.69 -1.81 0.00	45.96 -1.86 2.42	44.23 -2.53 0.02	35.57 -1.55 -0.99	28.33 -1.00 0.00	26.98 -1.07 0.00	26.65 -1.23 0.00	25.37 -1.03 0.00	25.38 -1.25 0.00	25.31 -1.30 0.00	25.48 -1.68 0.00	28.83 -2.24 0.03	32.70 -2.31 0.03	30.53 -2.35 13.15	33.69 -2.14 19.12	55.49 -2.42 4.13	40.44 -2.25 5.18	36.02 -2.30 0.03	30.61 -1.82 0.00
CARR STREET_E__SYR 24060	38.79 -0.19 0.00	33.91 -0.27 0.00	31.94 -0.22 0.00	31.85 -0.22 0.00	33.19 -0.27 0.00	38.27 -0.23 0.00	50.08 -0.15 0.00	46.59 -0.19 0.00	38.17 -0.11 -2.14	29.30 -0.03 0.00	27.96 -0.08 0.00	27.77 -0.11 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.46 -0.16 0.00	26.94 -0.22 0.00	30.82 -0.28 0.00	34.59 -0.46 0.00	45.48 -0.55 0.00	55.90 -0.55 -1.50	63.68 -0.50 -2.14	48.27 -0.57 -0.98	37.89 -0.46 0.00	32.04 -0.39 0.00
CARTHAGE___PAPER 23857	39.03 0.04 0.00	34.26 0.07 0.00	32.23 0.06 0.00	32.11 0.03 0.00	33.59 0.13 0.00	38.93 0.42 0.00	51.03 0.80 0.00	46.73 -0.05 0.00	37.27 -0.61 -1.74	28.53 -0.79 0.00	27.14 -0.90 0.00	27.05 -0.84 0.00	25.58 -0.82 0.00	25.69 -0.93 0.00	25.60 -1.01 0.00	26.24 -0.92 0.00	30.23 -0.87 0.00	34.31 -0.74 0.00	45.75 -0.27 0.00	56.98 0.39 -1.65	65.00 0.62 -2.34	49.18 0.24 -1.07	38.58 0.23 0.00	32.53 0.10 0.00
CASSADAGA_WT_PWR 323784	38.72 -0.27 0.00	33.09 -1.10 0.00	31.46 -0.71 0.00	31.30 -0.77 0.00	32.38 -1.07 0.00	36.58 -1.92 0.00	47.21 -1.96 1.06	44.20 -2.57 0.01	35.85 -1.16 -0.86	28.85 -0.47 0.00	27.54 -0.50 0.00	27.13 -0.75 0.00	25.84 -0.56 0.00	25.85 -0.77 0.00	25.74 -0.88 0.00	25.78 -1.38 0.00	29.02 -2.05 0.02	32.78 -2.24 0.02	38.22 -2.30 5.50	44.58 -2.26 8.12	57.21 -2.92 1.92	42.79 -2.82 2.26	35.41 -2.92 0.02	29.93 -2.50 0.00
CE_DUNWOOD___DRP 24194	40.55 1.56 0.00	35.76 1.57 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.08 1.58 0.00	52.44 2.21 0.00	48.79 2.01 0.00	37.77 1.63 0.00	30.85 1.52 0.00	29.70 1.65 0.00	29.58 1.70 0.00	29.35 1.72 -1.23	29.82 1.76 -1.44	31.57 1.84 -3.12	31.93 1.82 -2.95	34.87 2.11 -1.66	41.90 2.63 -4.22	49.30 3.27 0.00	58.47 3.52 0.00	66.20 4.16 0.00	50.84 2.97 0.00	40.69 2.34 0.00	34.18 1.75 0.00
CE_MILLWOOD___DRP 24193	40.51 1.52 0.00	35.73 1.54 0.00	33.52 1.35 0.00	33.39 1.32 0.00	34.79 1.34 0.00	40.04 1.54 0.00	52.39 2.16 0.00	48.74 1.96 0.00	37.73 1.59 0.00	30.79 1.47 0.00	29.64 1.60 0.00	29.53 1.64 0.00	29.26 1.66 -1.19	29.73 1.70 -1.39	31.42 1.78 -3.03	31.79 1.77 -2.86	34.76 2.05 -1.61	41.66 2.52 -4.09	49.20 3.18 0.00	58.36 3.41 0.00	66.08 4.03 0.00	50.79 2.92 0.00	40.65 2.30 0.00	34.15 1.72 0.00
CE_NYC2_DRP 24202	40.55 1.56 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.45 1.38 0.00	34.89 1.44 0.00	40.01 1.50 0.00	52.24 2.01 0.00	48.70 1.92 0.00	37.84 1.70 0.00	31.08 1.76 0.00	29.92 1.88 0.00	29.83 1.95 0.00	29.56 1.98 -1.18	30.00 2.00 -1.38	31.69 2.08 -3.00	32.03 2.04 -2.83	35.02 2.33 -1.59	41.94 2.84 -4.05	49.48 3.45 0.00	58.36 3.41 0.00	66.08 4.03 0.00	50.84 2.97 0.00	40.77 2.42 0.00	34.28 1.85 0.00
CE_NYC_DRP 24195	40.63 1.64 0.00	35.90 1.71 0.00	33.68 1.51 0.00	33.49 1.41 0.00	34.93 1.47 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.93 2.15 0.00	37.98 1.84 0.00	31.14 1.82 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.62 2.03 -1.18	30.06 2.05 -1.38	31.72 2.10 -3.00	32.06 2.06 -2.84	35.06 2.36 -1.60	42.01 2.91 -4.05	49.62 3.59 0.00	58.74 3.79 0.00	66.57 4.53 0.00	51.08 3.21 0.00	40.88 2.53 0.00	34.34 1.91 0.00
CHAFFEE___LFGE 323603	37.78 -1.21 0.00	32.31 -1.88 0.00	30.72 -1.45 0.00	30.53 -1.54 0.00	31.55 -1.91 0.00	35.54 -2.96 0.00	45.76 -3.42 1.06	42.84 -3.93 0.01	34.79 -2.21 -0.86	28.06 -1.26 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	25.21 -1.19 0.00	25.24 -1.39 0.00	25.13 -1.49 0.00	25.12 -2.04 0.00	28.34 -2.74 0.02	31.87 -3.15 0.02	37.03 -3.59 5.40	43.08 -3.90 7.97	55.44 -4.72 1.89	41.73 -3.92 2.21	34.88 -3.45 0.02	29.71 -2.72 0.00
CHATEAUG_35_KV_LOAD 355732	38.91 -0.08 0.00	34.12 -0.07 0.00	32.10 -0.06 0.00	32.01 -0.06 0.00	33.46 0.00 0.00	38.54 0.04 0.00	50.38 0.15 0.00	46.78 0.00 0.00	36.07 -0.07 0.00	29.18 -0.15 0.00	27.82 -0.22 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.36 -0.27 0.00	26.38 -0.24 0.00	26.92 -0.24 0.00	30.88 -0.22 0.00	34.95 -0.11 0.00	46.03 0.00 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.43 0.08 0.00	32.53 0.10 0.00
CHATEAUG_WT_PWR 323614	38.91 -0.08 0.00	34.12 -0.07 0.00	32.10 -0.06 0.00	32.01 -0.06 0.00	33.46 0.00 0.00	38.54 0.04 0.00	50.38 0.15 0.00	46.78 0.00 0.00	36.14 0.00 0.00	29.27 -0.06 0.00	27.88 -0.17 0.00	27.71 -0.17 0.00	26.19 -0.21 0.00	26.41 -0.21 0.00	26.38 -0.24 0.00	26.94 -0.22 0.00	30.94 -0.15 0.00	34.91 -0.14 0.00	45.98 -0.05 0.00	54.95 0.00 0.00	62.05 0.00 0.00	48.01 0.14 0.00	38.39 0.04 0.00	32.49 0.06 0.00
CHAT_HIGH_FALL_HYD 323578	38.91 -0.08 0.00	34.12 -0.07 0.00	32.10 -0.06 0.00	32.01 -0.06 0.00	33.46 0.00 0.00	38.54 0.04 0.00	50.38 0.15 0.00	46.78 0.00 0.00	36.07 -0.07 0.00	29.18 -0.15 0.00	27.82 -0.22 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.36 -0.27 0.00	26.38 -0.24 0.00	26.92 -0.24 0.00	30.88 -0.22 0.00	34.95 -0.11 0.00	46.03 0.00 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.43 0.08 0.00	32.53 0.10 0.00
CHAUTAUQUA___LFGE 323629	38.48 -0.51 0.00	32.89 -1.30 0.00	31.27 -0.90 0.00	31.11 -0.96 0.00	32.15 -1.31 0.00	36.23 -2.27 0.00	46.74 -2.41 1.08	43.77 -2.99 0.01	35.52 -1.48 -0.86	28.62 -0.70 0.00	27.31 -0.73 0.00	26.90 -0.98 0.00	25.66 -0.74 0.00	25.67 -0.96 0.00	25.55 -1.07 0.00	25.58 -1.58 0.00	28.84 -2.24 0.02	32.40 -2.63 0.02	37.50 -2.90 5.63	43.63 -3.02 8.30	56.42 -3.66 1.97	42.21 -3.35 2.31	35.30 -3.03 0.02	30.00 -2.43 0.00
CHERRYST_13_KV_LD 356241	40.74 1.75 0.00	35.97 1.78 0.00	33.74 1.58 0.00	33.55 1.48 0.00	35.03 1.57 0.00	40.27 1.77 0.00	52.75 2.51 0.00	49.12 2.34 0.00	38.13 1.99 0.00	31.23 1.91 0.00	30.09 2.05 0.00	30.00 2.12 0.00	29.70 2.11 -1.18	30.17 2.16 -1.38	31.82 2.21 -3.00	32.17 2.17 -2.84	35.18 2.49 -1.60	42.12 3.01 -4.05	49.76 3.73 0.00	58.91 3.96 0.00	66.76 4.72 0.00	51.22 3.35 0.00	41.00 2.65 0.00	34.41 1.98 0.00

CHESTROR_138KV_BK263 355645	40.24 1.25 0.00	35.49 1.30 0.00	33.32 1.16 0.00	33.16 1.09 0.00	34.59 1.14 0.00	39.81 1.31 0.00	52.04 1.81 0.00	48.37 1.59 0.00	37.41 1.26 0.00	30.50 1.17 0.00	29.30 1.26 0.00	29.19 1.31 0.00	34.60 1.32 -6.88	36.04 1.38 -8.03	45.51 1.46 -17.43	45.09 1.44 -16.49	42.05 1.68 -9.28	60.84 2.10 -23.68	48.70 2.67 0.00	57.86 2.91 0.00	65.52 3.47 0.00	50.31 2.44 0.00	40.31 1.96 0.00	33.89 1.46 0.00
CH_MIDHUDSON___DRP 24192	40.51 1.52 0.00	35.73 1.54 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.08 1.58 0.00	52.44 2.21 0.00	48.70 1.92 0.00	37.62 1.48 0.00	30.62 1.29 0.00	29.42 1.37 0.00	29.33 1.45 0.00	28.14 1.45 -0.29	28.45 1.49 -0.33	28.94 1.60 -0.73	29.42 1.58 -0.69	33.32 1.83 -0.39	38.48 2.35 -1.08	49.07 3.04 0.00	58.30 3.35 0.00	65.89 3.85 0.00	50.64 2.78 0.00	40.54 2.19 0.00	34.08 1.65 0.00
CH_MISC_IPPS 23765	40.70 1.71 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.52 1.44 0.00	34.96 1.51 0.00	40.24 1.73 0.00	52.50 2.26 0.00	48.98 2.20 0.00	37.84 1.70 0.00	30.70 1.38 0.00	29.53 1.49 0.00	29.44 1.56 0.00	28.12 1.48 -0.24	28.45 1.54 -0.28	28.85 1.62 -0.61	29.50 1.66 -0.68	33.41 1.93 -0.38	38.52 2.49 -0.98	49.34 3.32 0.00	58.63 3.68 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.73 2.38 0.00	34.24 1.81 0.00
CH_RES_BVR_FALLS 23983	38.87 -0.12 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.36 -0.10 0.00	38.43 -0.08 0.00	50.13 -0.10 0.00	46.64 -0.14 0.00	36.03 -0.11 0.00	29.24 -0.09 0.00	27.93 -0.11 0.00	27.77 -0.11 0.00	26.29 -0.11 0.00	26.52 -0.11 0.00	26.51 -0.11 0.00	27.05 -0.11 0.00	31.00 -0.09 0.00	34.95 -0.10 0.00	45.89 -0.14 0.00	54.78 -0.16 0.00	61.86 -0.19 0.00	47.77 -0.10 0.00	38.28 -0.08 0.00	32.36 -0.06 0.00
CH_RES_NIAGARA 23895	37.10 -1.87 0.02	31.76 -2.43 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.56 -3.93 0.02	43.57 -5.68 0.98	41.98 -4.77 0.03	33.97 -2.96 -0.80	27.55 -1.76 0.02	26.34 -1.68 0.02	25.99 -1.87 0.02	24.32 -2.06 0.02	24.40 -2.21 0.02	24.17 -2.42 0.02	24.61 -2.53 0.02	27.79 -3.27 0.04	30.84 -4.17 0.04	35.33 -5.39 5.31	40.98 -6.10 7.87	53.04 -7.14 1.87	39.93 -5.74 2.19	34.06 -4.26 0.04	29.25 -3.18 0.00
CH_RES_SYRACUSE 23985	38.99 0.00 0.00	34.09 -0.10 0.00	32.10 -0.06 0.00	32.01 -0.06 0.00	33.36 -0.10 0.00	38.47 -0.04 0.00	50.33 0.10 0.00	46.78 0.00 0.00	38.71 0.07 -2.50	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.40 0.00 0.00	26.57 -0.05 0.00	26.54 -0.08 0.00	27.05 -0.11 0.00	30.91 -0.19 0.00	34.73 -0.32 0.00	45.66 -0.37 0.00	56.97 -0.27 -2.30	65.12 -0.19 -3.26	49.03 -0.33 -1.49	38.08 -0.27 0.00	32.20 -0.23 0.00
CLINTON_WT_PWR 323605	38.91 -0.08 0.00	34.12 -0.07 0.00	32.10 -0.06 0.00	32.01 -0.06 0.00	33.46 0.00 0.00	38.54 0.04 0.00	50.38 0.15 0.00	46.78 0.00 0.00	36.14 0.00 0.00	29.27 -0.06 0.00	27.88 -0.17 0.00	27.71 -0.17 0.00	26.19 -0.21 0.00	26.41 -0.21 0.00	26.38 -0.24 0.00	26.94 -0.22 0.00	30.94 -0.15 0.00	34.91 -0.14 0.00	45.98 -0.05 0.00	54.95 0.00 0.00	62.05 0.00 0.00	48.01 0.14 0.00	38.39 0.04 0.00	32.49 0.06 0.00
CLINTON___LFGE 323618	39.38 0.39 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.82 0.37 0.00	39.00 0.50 0.00	51.14 0.91 0.00	47.29 0.52 0.00	36.50 0.36 0.00	29.56 0.23 0.00	28.13 0.08 0.00	27.96 0.08 0.00	26.45 0.05 0.00	26.65 0.03 0.00	26.64 0.03 0.00	27.24 0.08 0.00	31.32 0.22 0.00	35.36 0.31 0.00	46.67 0.64 0.00	55.88 0.93 0.00	62.98 0.93 0.00	48.78 0.91 0.00	38.89 0.54 0.00	32.92 0.49 0.00
COBBLENY_34_KV_TB1 80064	37.78 -1.21 0.00	32.31 -1.88 0.00	30.43 -1.74 0.00	30.44 -1.64 0.00	31.55 -1.91 0.00	35.35 -3.16 0.00	45.56 -3.62 1.06	42.84 -3.93 0.01	34.65 -2.35 -0.86	27.98 -1.35 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	24.71 -1.69 0.00	24.82 -1.81 0.00	24.57 -2.05 0.00	24.99 -2.17 0.00	28.31 -2.77 0.02	31.91 -3.12 0.02	37.03 -3.59 5.40	43.08 -3.90 7.97	55.32 -4.84 1.89	41.73 -3.93 2.21	34.88 -3.45 0.02	29.71 -2.72 0.00
COFFEEN___115KV_TB3 355620	39.34 0.35 0.00	34.50 0.31 0.00	32.46 0.29 0.00	32.33 0.26 0.00	33.86 0.40 0.00	39.20 0.69 0.00	51.44 1.21 0.00	47.15 0.37 0.00	37.80 -0.36 -2.02	28.68 -0.65 0.00	27.29 -0.76 0.00	27.21 -0.67 0.00	25.69 -0.71 0.00	25.78 -0.85 0.00	25.68 -0.93 0.00	26.32 -0.84 0.00	30.29 -0.81 0.00	34.49 -0.56 0.00	46.07 0.05 0.00	57.76 0.88 -1.93	66.03 1.24 -2.75	49.75 0.62 -1.25	38.85 0.50 0.00	32.72 0.29 0.00
COLDSPRG_115KV_BK1 355956	38.72 -0.27 0.00	33.13 -1.06 0.00	31.23 -0.93 0.00	31.24 -0.83 0.00	32.35 -1.10 0.00	36.42 -2.08 0.00	48.19 -1.00 1.04	44.20 -2.57 0.01	35.71 -1.30 -0.87	28.71 -0.62 0.00	27.48 -0.56 0.00	27.07 -0.81 0.00	25.32 -1.08 0.00	25.43 -1.20 0.00	25.15 -1.46 0.00	25.61 -1.55 0.00	29.08 -1.99 0.02	33.17 -1.86 0.02	39.11 -1.61 5.31	45.80 -1.32 7.83	58.14 -2.05 1.86	43.78 -1.91 2.17	35.80 -2.53 0.02	30.26 -2.17 0.00
COLONIE_LFGE___ 323577	40.00 1.01 0.00	35.18 0.99 0.00	33.07 0.90 0.00	33.07 1.00 0.00	34.53 1.07 0.00	39.62 1.12 0.00	51.44 1.20 0.00	48.18 1.40 0.00	36.97 0.83 0.00	29.79 0.47 0.00	28.52 0.48 0.00	28.38 0.50 0.00	26.85 0.45 0.00	27.19 0.56 0.00	27.20 0.58 0.00	27.84 0.68 0.00	31.94 0.84 0.00	36.28 1.23 0.00	47.59 1.57 0.00	56.92 1.98 0.00	64.03 1.98 0.00	49.59 1.72 0.00	39.69 1.34 0.00	33.53 1.10 0.00
COOPERNY_115KV_TB1 80082	40.08 1.09 0.00	35.35 1.16 0.00	33.20 1.03 0.00	33.04 0.96 0.00	34.46 1.00 0.00	39.66 1.16 0.00	51.84 1.61 0.00	48.18 1.40 0.00	37.57 1.16 -0.28	30.35 1.03 0.00	29.16 1.12 0.00	29.05 1.17 0.00	26.66 1.19 0.92	26.77 1.22 1.08	25.58 1.30 2.34	26.22 1.28 2.21	31.35 1.49 1.24	33.77 1.89 3.17	48.24 2.21 0.00	57.37 2.42 0.00	64.96 2.92 0.00	49.93 2.06 0.00	39.97 1.61 0.00	33.63 1.20 0.00
COPENHAGEN_WT_PWR 323753	39.14 0.16 0.00	34.33 0.14 0.00	32.33 0.16 0.00	32.20 0.13 0.00	33.66 0.20 0.00	38.97 0.46 0.00	51.14 0.91 0.00	46.92 0.14 0.00	37.77 -0.47 -2.10	28.68 -0.65 0.00	27.29 -0.76 0.00	27.18 -0.70 0.00	25.71 -0.69 0.00	25.83 -0.80 0.00	25.71 -0.91 0.00	26.35 -0.81 0.00	30.32 -0.78 0.00	34.38 -0.67 0.00	45.84 -0.18 0.00	57.46 0.49 -2.02	65.66 0.75 -2.87	49.47 0.29 -1.31	38.62 0.27 0.00	32.56 0.13 0.00
CORNELL_____ 23752	39.88 0.90 0.00	34.84 0.65 0.00	32.75 0.58 0.00	32.65 0.58 0.00	34.06 0.60 0.00	39.24 0.73 0.00	51.62 1.26 -0.13	47.71 0.94 0.00	38.16 0.58 -1.44	29.74 0.41 0.00	28.29 0.25 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.71 0.08 0.00	26.64 0.03 0.00	27.21 0.05 0.00	31.21 0.12 0.01	35.32 0.28 0.01	47.50 0.74 -0.74	58.40 1.21 -2.25	65.38 1.43 -1.90	49.78 0.86 -1.05	38.92 0.58 0.01	32.85 0.42 0.00

CORONA__69_KV_TB1 355595	41.31 2.30 -0.02	36.21 2.02 0.00	33.77 1.61 0.00	33.68 1.60 0.00	35.23 1.77 0.00	40.54 2.04 0.00	52.75 2.51 0.00	48.84 2.06 0.00	37.62 1.48 0.00	30.61 1.29 0.01	29.61 1.57 0.00	29.50 1.62 0.00	29.29 1.72 -1.18	29.81 1.81 -1.38	31.49 1.89 -2.99	31.83 1.85 -2.83	35.32 2.61 -1.61	43.22 3.08 -5.09	53.24 3.82 -3.40	68.19 4.07 -9.18	66.90 4.84 -0.02	52.13 3.49 -0.77	51.70 2.88 -10.47	34.72 2.27 -0.02
CORTLAND__115KV_TB3 80093	39.57 0.58 0.00	34.60 0.41 0.00	32.55 0.39 0.00	32.46 0.38 0.00	33.82 0.37 0.00	39.00 0.50 0.00	51.09 0.85 0.00	47.43 0.65 0.00	38.18 0.43 -1.60	29.65 0.32 0.00	28.27 0.22 0.00	28.08 0.20 0.00	26.56 0.16 0.00	26.73 0.11 0.00	26.70 0.08 0.00	27.24 0.08 0.00	31.22 0.12 0.00	35.26 0.21 0.00	46.53 0.51 0.00	57.03 0.77 -1.32	64.91 0.99 -1.87	49.30 0.57 -0.85	38.74 0.38 0.00	32.72 0.29 0.00
COXSACKIE__GT 23611	40.90 1.91 0.00	36.00 1.81 0.00	33.84 1.67 0.00	33.74 1.67 0.00	35.19 1.74 0.00	40.62 2.12 0.00	52.99 2.76 0.00	49.07 2.29 0.00	37.19 1.05 0.00	29.74 0.41 0.00	28.38 0.34 0.00	28.22 0.34 0.00	26.69 0.29 0.00	26.95 0.32 0.00	27.02 0.40 0.00	27.73 0.57 0.00	31.94 0.84 0.00	36.49 1.44 0.00	48.33 2.30 0.00	58.08 3.13 0.00	65.58 3.53 0.00	50.45 2.58 0.00	40.31 1.95 0.00	34.02 1.59 0.00
CPV_VALLEY__CC1 323721	40.00 1.01 0.00	35.28 1.09 0.00	33.10 0.93 0.00	32.97 0.90 0.00	34.39 0.94 0.00	39.54 1.04 0.00	51.44 1.20 0.00	48.09 1.31 0.00	37.26 1.12 0.00	30.32 1.00 0.00	29.19 1.15 0.00	29.11 1.23 0.00	26.57 1.16 0.99	26.68 1.20 1.15	25.37 1.25 2.50	26.10 1.30 2.36	31.23 1.46 1.33	33.55 1.89 3.39	48.37 2.35 0.00	57.48 2.53 0.00	65.02 2.98 0.00	49.97 2.10 0.00	40.04 1.69 0.00	33.69 1.26 0.00
CPV_VALLEY__CC2 323722	40.00 1.01 0.00	35.28 1.09 0.00	33.10 0.93 0.00	32.97 0.90 0.00	34.39 0.94 0.00	39.54 1.04 0.00	51.44 1.20 0.00	48.09 1.31 0.00	37.26 1.12 0.00	30.32 1.00 0.00	29.19 1.15 0.00	29.11 1.23 0.00	26.57 1.16 0.99	26.68 1.20 1.15	25.37 1.25 2.50	26.10 1.30 2.36	31.23 1.46 1.33	33.55 1.89 3.39	48.37 2.35 0.00	57.48 2.53 0.00	65.02 2.98 0.00	49.97 2.10 0.00	40.04 1.69 0.00	33.69 1.26 0.00
CRESCENT__HYD 24018	40.00 1.01 0.00	35.18 0.99 0.00	33.07 0.90 0.00	33.07 1.00 0.00	34.53 1.07 0.00	39.62 1.12 0.00	51.44 1.20 0.00	48.18 1.40 0.00	36.97 0.83 0.00	29.79 0.47 0.00	28.52 0.48 0.00	28.38 0.50 0.00	26.85 0.45 0.00	27.19 0.56 0.00	27.20 0.58 0.00	27.84 0.68 0.00	31.94 0.84 0.00	36.28 1.23 0.00	47.59 1.57 0.00	56.92 1.98 0.00	64.03 1.98 0.00	49.59 1.72 0.00	39.69 1.34 0.00	33.53 1.10 0.00
CRICKET__VALLEY_CC1 323756	40.16 1.17 0.00	35.42 1.23 0.00	33.23 1.06 0.00	33.10 1.03 0.00	34.56 1.10 0.00	39.62 1.12 0.00	51.49 1.26 0.00	48.23 1.45 0.00	37.30 1.16 0.00	30.38 1.05 0.00	29.25 1.21 0.00	29.16 1.28 0.00	28.04 1.24 -0.40	28.39 1.30 -0.46	28.98 1.36 -1.00	29.49 1.38 -0.95	33.15 1.52 -0.53	38.44 2.03 -1.36	48.56 2.53 0.00	57.64 2.69 0.00	65.09 3.04 0.00	50.12 2.25 0.00	40.15 1.80 0.00	33.76 1.33 0.00
CRICKET__VALLEY_CC2 323757	40.16 1.17 0.00	35.42 1.23 0.00	33.23 1.06 0.00	33.10 1.03 0.00	34.56 1.10 0.00	39.62 1.12 0.00	51.49 1.26 0.00	48.23 1.45 0.00	37.30 1.16 0.00	30.38 1.05 0.00	29.25 1.21 0.00	29.16 1.28 0.00	28.04 1.24 -0.40	28.39 1.30 -0.46	28.98 1.36 -1.00	29.49 1.38 -0.95	33.15 1.52 -0.53	38.44 2.03 -1.36	48.56 2.53 0.00	57.64 2.69 0.00	65.09 3.04 0.00	50.12 2.25 0.00	40.15 1.80 0.00	33.76 1.33 0.00
CRICKET__VALLEY_CC3 323758	40.16 1.17 0.00	35.42 1.23 0.00	33.23 1.06 0.00	33.10 1.03 0.00	34.56 1.10 0.00	39.62 1.12 0.00	51.49 1.26 0.00	48.23 1.45 0.00	37.30 1.16 0.00	30.38 1.05 0.00	29.25 1.21 0.00	29.16 1.28 0.00	28.04 1.24 -0.40	28.39 1.30 -0.46	28.98 1.36 -1.00	29.49 1.38 -0.95	33.15 1.52 -0.53	38.44 2.03 -1.36	48.56 2.53 0.00	57.64 2.69 0.00	65.09 3.04 0.00	50.12 2.25 0.00	40.15 1.80 0.00	33.76 1.33 0.00
CRUCIBLE_METL_DRP 24180	38.99 0.00 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.35 -0.10 0.00	38.47 -0.04 0.00	50.23 0.00 0.00	46.78 0.00 -2.50	38.68 0.04 0.00	29.38 0.06 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.73 -0.32 0.00	45.66 -0.37 0.00	56.97 -0.27 -2.30	65.12 -0.19 -3.26	49.02 -0.34 -1.49	38.08 -0.27 0.00	32.20 -0.23 0.00
DAHOWA__HYDRO 323763	40.59 1.60 0.00	35.69 1.50 0.00	33.58 1.41 0.00	33.48 1.41 0.00	35.03 1.57 0.00	40.28 1.77 0.00	52.50 2.26 0.00	48.83 2.06 0.00	37.22 1.08 0.00	29.94 0.62 0.00	28.49 0.45 0.00	28.33 0.44 0.00	26.77 0.37 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.79 0.63 0.00	31.90 0.81 0.00	36.38 1.33 0.00	47.87 1.84 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.26 2.39 0.00	40.12 1.77 0.00	33.92 1.49 0.00
DANC__LFGE 323619	38.91 -0.08 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.39 -0.07 0.00	38.58 0.08 0.00	50.54 0.30 0.00	46.59 -0.19 0.00	38.18 -0.47 -2.51	28.77 -0.56 0.00	27.43 -0.62 0.00	27.32 -0.56 0.00	25.84 -0.56 0.00	25.99 -0.64 0.00	25.90 -0.72 0.00	26.51 -0.65 0.00	30.41 -0.68 0.00	34.35 -0.70 0.00	45.48 -0.55 0.00	57.24 -0.16 -2.46	65.53 0.00 -3.49	49.18 -0.29 -1.59	38.20 -0.15 0.00	32.27 -0.16 0.00
DANSKAMMER__1 23586	40.70 1.71 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.52 1.44 0.00	34.96 1.51 0.00	40.24 1.73 0.00	52.50 2.26 0.00	48.98 2.20 0.00	37.84 1.70 0.00	30.70 1.38 0.00	29.53 1.49 0.00	29.44 1.56 0.00	28.12 1.48 -0.24	28.45 1.54 -0.28	28.85 1.62 -0.61	29.50 1.66 -0.68	33.41 1.93 -0.38	38.52 2.49 -0.98	49.34 3.32 0.00	58.63 3.68 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.73 2.38 0.00	34.24 1.81 0.00
DANSKAMMER__2 23589	40.70 1.71 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.52 1.44 0.00	34.96 1.51 0.00	40.24 1.73 0.00	52.50 2.26 0.00	48.98 2.20 0.00	37.84 1.70 0.00	30.70 1.38 0.00	29.53 1.49 0.00	29.44 1.56 0.00	28.12 1.48 -0.24	28.45 1.54 -0.28	28.85 1.62 -0.61	29.50 1.66 -0.68	33.41 1.93 -0.38	38.52 2.49 -0.98	49.34 3.32 0.00	58.63 3.68 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.73 2.38 0.00	34.24 1.81 0.00
DANSKAMMER__3 23590	40.70 1.71 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.52 1.44 0.00	34.96 1.51 0.00	40.24 1.73 0.00	52.50 2.26 0.00	48.98 2.20 0.00	37.84 1.70 0.00	30.70 1.38 0.00	29.53 1.49 0.00	29.44 1.56 0.00	28.12 1.48 -0.24	28.45 1.54 -0.28	28.85 1.62 -0.61	29.50 1.66 -0.68	33.41 1.93 -0.38	38.52 2.49 -0.98	49.34 3.32 0.00	58.63 3.68 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.73 2.38 0.00	34.24 1.81 0.00

DANSKAMMER___4 23591	40.70 1.71 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.52 1.44 0.00	34.96 1.51 0.00	40.24 1.73 0.00	52.50 2.26 0.00	48.98 2.20 0.00	37.84 1.70 0.00	30.70 1.38 0.00	29.53 1.49 0.00	29.44 1.56 0.00	28.12 1.48 -0.24	28.45 1.54 -0.28	28.85 1.62 -0.61	29.50 1.66 -0.68	33.41 1.93 -0.38	38.52 2.49 -0.98	49.34 3.32 0.00	58.63 3.68 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.73 2.38 0.00	34.24 1.81 0.00
DANSKAMMER___DIESEL 23592	40.70 1.72 0.00	35.90 1.71 0.00	33.68 1.51 0.00	33.55 1.48 0.00	34.96 1.51 0.00	40.27 1.77 0.00	52.75 2.51 0.00	48.98 2.20 0.00	37.80 1.66 0.00	30.70 1.38 0.00	29.47 1.43 0.00	29.39 1.51 0.00	28.15 1.50 -0.24	28.48 1.57 -0.28	28.88 1.65 -0.61	29.40 1.66 -0.58	33.38 1.96 -0.33	38.51 2.49 -0.98	49.34 3.31 0.00	58.63 3.68 0.00	66.39 4.34 0.00	50.93 3.06 0.00	40.73 2.38 0.00	34.25 1.82 0.00
DARBY___SOLAR 323810	40.51 1.52 0.00	35.59 1.40 0.00	33.49 1.32 0.00	33.42 1.35 0.00	34.96 1.51 0.00	40.16 1.65 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.15 1.01 0.00	29.88 0.56 0.00	28.46 0.42 0.00	28.30 0.42 0.00	26.77 0.37 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.79 0.63 0.00	31.90 0.81 0.00	36.35 1.30 0.00	47.82 1.79 0.00	57.53 2.58 0.00	64.84 2.79 0.00	50.12 2.25 0.00	40.04 1.69 0.00	33.85 1.43 0.00
DASHVILLE___HYD 23610	40.51 1.52 0.00	35.73 1.54 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.08 1.58 0.00	52.39 2.16 0.00	48.60 1.82 0.00	37.51 1.37 0.00	30.47 1.14 0.00	29.25 1.21 0.00	29.16 1.28 0.00	27.69 1.29 0.00	27.96 1.33 0.00	28.05 1.44 0.00	28.57 1.41 0.00	32.81 1.71 0.00	37.22 2.17 0.00	48.93 2.90 0.00	58.14 3.19 0.00	65.77 3.72 0.00	50.55 2.68 0.00	40.46 2.11 0.00	34.05 1.62 0.00
DELAWARE___LFGE 323621	41.60 2.61 0.00	36.45 2.26 0.00	34.29 2.12 0.00	34.16 2.08 0.00	35.70 2.24 0.00	41.20 2.70 0.00	54.20 4.07 0.10	50.01 3.23 0.00	38.76 1.81 -0.82	30.59 1.26 0.00	29.02 0.98 0.00	28.97 1.09 0.00	27.35 0.95 0.00	27.48 0.85 0.00	27.28 0.67 0.00	27.92 0.76 0.00	32.17 1.06 -0.01	36.85 1.79 -0.01	47.17 1.70 0.56	56.74 1.98 0.19	65.12 2.36 -0.71	49.73 1.68 -0.19	39.66 1.30 -0.01	33.43 1.01 0.00
DERFIELD_115KV_TB7 355931	39.03 0.04 0.00	34.26 0.07 0.00	32.23 0.06 0.00	32.14 0.06 0.00	33.52 0.07 0.00	38.58 0.08 0.00	50.33 0.10 0.00	46.87 0.09 0.00	36.18 0.04 0.00	29.33 0.00 0.00	28.07 0.03 0.00	27.91 0.03 0.00	26.43 0.03 0.00	26.68 0.05 0.00	26.67 0.05 0.00	27.19 0.03 0.00	31.16 0.06 0.00	35.16 0.11 0.00	46.17 0.14 0.00	55.11 0.16 0.00	62.23 0.19 0.00	47.96 0.10 0.00	38.43 0.08 0.00	32.49 0.06 0.00
DOGLEVILLE___HYD 23807	39.18 0.19 0.00	34.43 0.24 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	39.00 0.50 0.00	50.69 0.45 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.30 0.28 0.00	55.44 0.49 0.00	62.73 0.68 0.00	48.39 0.53 0.00	38.97 0.61 0.00	32.79 0.36 0.00
DUNKIRK__115KV_TB_200 55889	38.44 -0.55 0.00	32.86 -1.33 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.08 -1.37 0.00	36.00 -2.50 0.00	46.49 -2.66 1.08	43.68 -3.09 0.01	35.30 -1.70 -0.86	28.47 -0.85 0.00	27.26 -0.79 0.00	26.85 -1.03 0.00	25.13 -1.27 0.00	25.22 -1.41 0.00	24.99 -1.62 0.00	25.42 -1.74 0.00	28.81 -2.27 0.02	32.40 -2.63 0.02	37.40 -2.99 5.64	43.55 -3.08 8.32	56.23 -3.85 1.97	42.21 -3.35 2.31	35.30 -3.03 0.02	30.03 -2.40 0.00
DUNKIRK___1 23563	38.44 -0.55 0.00	32.86 -1.33 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.08 -1.37 0.00	36.00 -2.50 0.00	46.49 -2.66 1.08	43.68 -3.09 0.01	35.30 -1.70 -0.86	28.47 -0.85 0.00	27.26 -0.79 0.00	26.85 -1.03 0.00	25.13 -1.27 0.00	25.22 -1.41 0.00	24.99 -1.62 0.00	25.42 -1.74 0.00	28.81 -2.27 0.02	32.40 -2.63 0.02	37.40 -2.99 5.64	43.55 -3.08 8.32	56.23 -3.85 1.97	42.21 -3.35 2.31	35.30 -3.03 0.02	30.03 -2.40 0.00
DUNKIRK___2 23564	38.44 -0.55 0.00	32.86 -1.33 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.08 -1.37 0.00	36.00 -2.50 0.00	46.49 -2.66 1.08	43.68 -3.09 0.01	35.30 -1.70 -0.86	28.47 -0.85 0.00	27.26 -0.79 0.00	26.85 -1.03 0.00	25.13 -1.27 0.00	25.22 -1.41 0.00	24.99 -1.62 0.00	25.42 -1.74 0.00	28.81 -2.27 0.02	32.40 -2.63 0.02	37.40 -2.99 5.64	43.55 -3.08 8.32	56.23 -3.85 1.97	42.21 -3.35 2.31	35.30 -3.03 0.02	30.03 -2.40 0.00
DUNKIRK___3 23565	38.17 -0.82 0.00	32.65 -1.54 0.00	30.75 -1.42 0.00	30.76 -1.32 0.00	31.88 -1.57 0.00	35.73 -2.77 0.00	46.18 -2.96 1.09	43.35 -3.41 0.01	35.05 -1.95 -0.86	28.27 -1.06 0.00	27.06 -0.98 0.00	26.68 -1.20 0.00	24.95 -1.45 0.00	25.06 -1.57 0.00	24.81 -1.81 0.00	25.26 -1.90 0.00	28.62 -2.46 0.02	32.22 -2.80 0.02	37.11 -3.18 5.74	43.13 -3.35 8.47	55.88 -4.16 2.01	42.02 -3.49 2.35	35.15 -3.18 0.02	29.90 -2.53 0.00
DUNKIRK___4 23566	38.17 -0.82 0.00	32.65 -1.54 0.00	30.75 -1.42 0.00	30.76 -1.32 0.00	31.88 -1.57 0.00	35.73 -2.77 0.00	46.18 -2.96 1.09	43.35 -3.41 0.01	35.05 -1.95 -0.86	28.27 -1.06 0.00	27.06 -0.98 0.00	26.68 -1.20 0.00	24.95 -1.45 0.00	25.06 -1.57 0.00	24.81 -1.81 0.00	25.26 -1.90 0.00	28.62 -2.46 0.02	32.22 -2.80 0.02	37.11 -3.18 5.74	43.13 -3.35 8.47	55.88 -4.16 2.01	42.02 -3.49 2.35	35.15 -3.18 0.02	29.90 -2.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.59 1.60 0.00	35.83 1.64 0.00	33.61 1.45 0.00	33.45 1.38 0.00	34.89 1.44 0.00	40.12 1.62 0.00	52.54 2.31 0.00	48.88 2.11 0.00	37.84 1.70 0.00	30.94 1.61 0.00	29.78 1.74 0.00	29.69 1.81 0.00	29.41 1.82 -1.18	29.87 1.86 -1.38	31.53 1.92 -3.00	31.90 1.90 -2.84	34.90 2.21 -1.60	41.84 2.73 -4.06	49.43 3.41 0.00	58.63 3.68 0.00	66.39 4.34 0.00	50.98 3.11 0.00	40.81 2.45 0.00	34.25 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.59 1.60 0.00	35.80 1.61 0.00	33.58 1.42 0.00	33.45 1.38 0.00	34.86 1.41 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.79 2.01 0.00	37.69 1.55 0.00	30.64 1.32 0.00	29.44 1.40 0.00	29.33 1.45 0.00	28.09 1.48 -0.21	28.39 1.52 -0.25	28.75 1.60 -0.54	29.27 1.60 -0.51	33.28 1.90 -0.29	38.29 2.38 -0.85	49.16 3.13 0.00	58.47 3.52 0.00	66.20 4.16 0.00	50.79 2.92 0.00	40.65 2.30 0.00	34.15 1.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.39 1.40 0.00	35.76 1.57 0.00	33.52 1.35 0.00	33.29 1.22 0.00	34.76 1.30 0.00	39.77 1.27 0.00	51.94 1.71 0.00	48.46 1.68 0.00	37.62 1.48 0.00	30.94 1.61 0.00	29.78 1.74 0.00	29.69 1.81 0.00	29.43 1.85 -1.18	29.87 1.86 -1.38	31.56 1.94 -3.00	31.90 1.90 -2.83	34.87 2.18 -1.59	41.73 2.63 -4.05	49.25 3.22 0.00	58.08 3.13 0.00	65.77 3.72 0.00	50.60 2.73 0.00	40.61 2.26 0.00	34.15 1.72 0.00

E179THST_13_KV_LOAD 356214	40.55 1.56 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.86 1.41 0.00	39.93 1.42 0.00	52.14 1.91 0.00	48.65 1.87 0.00	37.80 1.66 0.00	31.08 1.76 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.03 2.04 -2.83	34.99 2.30 -1.59	41.90 2.80 -4.05	49.48 3.45 0.00	58.36 3.41 0.00	66.08 4.03 0.00	50.84 2.97 0.00	40.77 2.42 0.00	34.28 1.85 0.00
EAST HAMPTON___GT 23717	41.81 2.81 -0.01	36.51 2.33 0.00	33.84 1.67 0.00	33.77 1.70 0.00	35.23 1.77 0.00	40.31 1.81 0.00	51.74 1.51 0.00	48.41 1.64 0.00	37.01 0.87 0.00	29.82 0.50 0.01	29.22 1.18 0.00	29.27 1.39 0.00	29.22 1.64 -1.18	29.79 1.78 -1.38	31.36 1.76 -2.99	31.65 1.68 -2.81	35.39 2.70 -1.59	43.14 3.54 -4.55	52.19 4.51 -1.65	67.21 4.95 -7.31	71.06 5.52 -3.49	52.36 4.12 -0.38	46.71 3.26 -5.10	35.00 2.56 -0.01
EAST RIVER___6 23660	40.63 1.64 0.00	35.90 1.71 0.00	33.62 1.45 0.00	33.42 1.35 0.00	34.93 1.47 0.00	40.16 1.65 0.00	52.39 2.16 0.00	49.07 2.29 0.00	38.13 1.99 0.00	31.23 1.91 0.00	30.15 2.10 0.00	30.08 2.20 0.00	29.67 2.09 -1.18	30.14 2.13 -1.38	31.74 2.13 -3.00	32.12 2.15 -2.82	35.08 2.39 -1.59	42.12 3.01 -4.05	49.75 3.73 0.00	58.85 3.90 0.00	66.70 4.66 0.00	51.17 3.30 0.00	40.92 2.57 0.00	34.34 1.91 0.00
EAST RIVER___7 23524	40.63 1.64 0.00	35.90 1.71 0.00	33.62 1.45 0.00	33.42 1.35 0.00	34.93 1.47 0.00	40.16 1.65 0.00	52.39 2.16 0.00	49.07 2.29 0.00	38.13 1.99 0.00	31.23 1.91 0.00	30.15 2.10 0.00	30.08 2.20 0.00	29.67 2.09 -1.18	30.14 2.13 -1.38	31.74 2.13 -3.00	32.12 2.15 -2.82	35.08 2.39 -1.59	42.12 3.01 -4.05	49.75 3.73 0.00	58.85 3.90 0.00	66.70 4.66 0.00	51.17 3.30 0.00	40.92 2.57 0.00	34.34 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.55 1.56 0.00	35.76 1.57 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.08 1.58 0.00	52.44 2.21 0.00	48.79 2.01 0.00	37.77 1.63 0.00	30.85 1.52 0.00	29.70 1.65 0.00	29.58 1.70 0.00	29.35 1.72 -1.23	29.82 1.76 -1.44	31.57 1.84 -3.12	31.93 1.82 -2.95	34.87 2.11 -1.66	41.90 2.63 -4.22	49.30 3.27 0.00	58.47 3.52 0.00	66.20 4.16 0.00	50.84 2.97 0.00	40.69 2.34 0.00	34.18 1.75 0.00
EAST_HAMPTON___DIESEL 23722	41.77 2.77 -0.01	36.48 2.29 0.00	33.81 1.64 0.00	33.74 1.67 0.00	35.19 1.74 0.00	40.28 1.77 0.00	51.69 1.46 0.00	48.32 1.54 0.00	36.93 0.79 0.00	29.76 0.44 0.01	29.17 1.12 0.00	29.25 1.37 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.33 1.73 -2.99	31.60 1.63 -2.81	35.36 2.67 -1.59	43.10 3.50 -4.55	52.14 4.46 -1.65	67.15 4.89 -7.31	70.94 5.40 -3.49	52.31 4.07 -0.38	46.67 3.22 -5.10	34.97 2.53 -0.01
EAST_POINT___SOLAR 323840	41.64 2.65 0.00	36.48 2.29 0.00	34.29 2.12 0.00	34.16 2.08 0.00	35.80 2.34 0.00	41.31 2.81 0.00	54.15 3.92 0.00	49.91 3.13 0.00	35.60 -0.54 0.00	28.59 -0.73 0.00	27.37 -0.67 0.00	27.27 -0.61 0.00	25.77 -0.63 0.00	25.91 -0.72 0.00	25.79 -0.83 0.00	26.48 -0.68 0.00	30.66 -0.44 0.00	36.74 1.68 0.00	48.47 2.44 0.00	58.69 3.74 0.00	66.32 4.28 0.00	50.98 3.11 0.00	40.84 2.49 0.00	34.34 1.91 0.00
EAST_PULASKI___ESR 323781	38.67 -0.31 0.00	33.85 -0.34 0.00	31.88 -0.29 0.00	31.78 -0.29 0.00	33.15 -0.30 0.00	38.24 -0.27 0.00	50.03 -0.20 0.00	46.36 -0.42 0.00	38.86 -0.43 -3.15	28.91 -0.41 0.00	27.62 -0.42 0.00	27.46 -0.42 0.00	26.00 -0.40 0.00	26.17 -0.45 0.00	26.14 -0.48 0.00	26.67 -0.49 0.00	30.54 -0.56 0.00	34.31 -0.74 0.00	45.20 -0.83 0.00	57.68 -0.66 -3.39	66.18 -0.68 -4.81	49.35 -0.72 -2.20	37.85 -0.50 0.00	32.01 -0.42 0.00
EAST_RIVER___1 323558	40.63 1.64 0.00	35.90 1.71 0.00	33.62 1.45 0.00	33.42 1.35 0.00	34.93 1.47 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.98 2.20 0.00	38.02 1.88 0.00	31.14 1.82 0.00	30.06 2.02 0.00	30.00 2.12 0.00	29.59 2.01 -1.18	30.06 2.05 -1.38	31.69 2.08 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.59	42.01 2.91 -4.05	49.62 3.59 0.00	58.74 3.79 0.00	66.52 4.47 0.00	51.08 3.21 0.00	40.88 2.53 0.00	34.34 1.91 0.00
EAST_RIVER___2 323559	40.63 1.64 0.00	35.90 1.71 0.00	33.62 1.45 0.00	33.42 1.35 0.00	34.93 1.47 0.00	40.16 1.65 0.00	52.39 2.16 0.00	49.07 2.29 0.00	38.13 1.99 0.00	31.23 1.91 0.00	30.15 2.10 0.00	30.08 2.20 0.00	29.67 2.09 -1.18	30.14 2.13 -1.38	31.74 2.13 -3.00	32.12 2.15 -2.82	35.08 2.39 -1.59	42.12 3.01 -4.05	49.75 3.73 0.00	58.85 3.90 0.00	66.70 4.66 0.00	51.17 3.30 0.00	40.92 2.57 0.00	34.34 1.91 0.00
EAST___DELAWARE_HYD 23607	40.82 1.83 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.61 1.54 0.00	35.06 1.61 0.00	40.43 1.92 0.00	52.74 2.51 0.00	49.12 2.34 0.00	37.91 1.77 0.00	30.73 1.41 0.00	29.50 1.46 0.00	29.41 1.53 0.00	27.64 1.45 0.22	27.87 1.49 0.25	27.64 1.57 0.55	28.79 1.63 0.00	33.00 1.90 0.00	37.58 2.53 0.00	49.43 3.41 0.00	58.85 3.90 0.00	66.57 4.53 0.00	51.08 3.21 0.00	40.81 2.46 0.00	34.31 1.88 0.00
EIGHT_POINT___WT_PWR 323820	38.72 -0.27 0.00	33.27 -0.92 0.00	31.55 -0.61 0.00	31.40 -0.68 0.00	32.55 -0.90 0.00	37.08 -1.42 0.00	52.88 -1.21 -3.85	44.85 -1.96 -0.03	35.92 -1.27 -1.05	28.53 -0.79 0.00	27.14 -0.90 0.00	26.79 -1.09 0.00	25.50 -0.90 0.00	25.51 -1.12 0.00	25.39 -1.22 0.00	25.53 -1.63 0.00	28.92 -2.15 0.03	32.85 -2.17 0.03	65.21 -2.07 -21.25	85.14 -1.70 -31.89	68.17 -1.92 -8.05	54.86 -2.01 -9.00	36.17 -2.15 0.03	30.65 -1.78 0.00
ELBRIDGE_115KV_TB2 80188	38.79 -0.19 0.00	33.88 -0.31 0.00	31.88 -0.29 0.00	31.79 -0.29 0.00	33.15 -0.30 0.00	38.20 -0.31 0.00	49.88 -0.35 0.00	46.45 -0.33 0.00	38.40 -0.18 -2.44	29.21 -0.12 0.00	27.90 -0.14 0.00	27.69 -0.20 0.00	26.19 -0.21 0.00	26.36 -0.27 0.00	26.32 -0.29 0.00	26.86 -0.30 0.00	30.69 -0.40 0.00	34.49 -0.56 0.00	45.34 -0.69 0.00	56.63 -0.66 -2.34	64.69 -0.68 -3.33	48.72 -0.67 -1.52	37.81 -0.54 0.00	31.98 -0.45 0.00
ELEC_TRO_TEK 24086	41.15 2.14 -0.02	36.10 1.91 0.00	33.68 1.51 0.00	33.58 1.51 0.00	35.13 1.67 0.00	40.47 1.96 0.00	52.64 2.41 0.00	48.70 1.92 0.00	37.51 1.37 0.00	30.49 1.17 0.01	29.53 1.49 0.00	29.39 1.51 0.00	29.22 1.64 -1.18	29.73 1.73 -1.38	31.41 1.81 -2.99	31.75 1.77 -2.83	35.25 2.55 -1.60	42.99 3.01 -4.92	52.57 3.68 -2.86	66.57 3.90 -7.72	66.71 4.65 -0.02	51.87 3.35 -0.65	49.97 2.80 -8.81	34.62 2.17 -0.02
ELLENBURG_WT_PWR 323604	38.91 -0.08 0.00	34.12 -0.07 0.00	32.10 -0.06 0.00	32.01 -0.06 0.00	33.46 0.00 0.00	38.54 0.04 0.00	50.38 0.15 0.00	46.78 0.00 0.00	36.14 0.00 0.00	29.27 -0.06 0.00	27.88 -0.17 0.00	27.71 -0.17 0.00	26.19 -0.21 0.00	26.41 -0.21 0.00	26.38 -0.24 0.00	26.94 -0.22 0.00	30.94 -0.15 0.00	34.91 -0.14 0.00	45.98 -0.05 0.00	54.95 0.00 0.00	62.05 0.00 0.00	48.01 0.14 0.00	38.39 0.04 0.00	32.49 0.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.62 -1.36 0.00	32.17 -2.02 0.00	30.30 -1.87 0.00	30.28 -1.80 0.00	31.41 -2.04 0.00	35.15 -3.35 0.00	44.82 -4.32 1.09	42.61 -4.16 0.01	34.49 -2.49 -0.84	27.89 -1.44 0.00	26.70 -1.35 0.00	26.32 -1.56 0.00	24.63 -1.77 0.00	24.74 -1.89 0.00	24.49 -2.13 0.00	24.91 -2.25 0.00	28.19 -2.89 0.02	31.56 -3.47 0.02	35.96 -4.23 5.83	41.69 -4.67 8.59	54.36 -5.65 2.04	40.88 -4.60 2.39	34.65 -3.68 0.02	29.58 -2.85 0.00
EMPIRE_CC_1 323656	39.53 0.55 0.00	34.80 0.62 0.00	32.75 0.58 0.00	32.75 0.67 0.00	34.12 0.67 0.00	39.20 0.69 0.00	50.59 0.35 0.00	47.48 0.70 0.00	36.61 0.47 0.00	29.53 0.21 0.00	28.29 0.25 0.00	28.19 0.31 0.00	26.66 0.26 0.00	27.00 0.37 0.00	27.04 0.42 0.00	27.65 0.49 0.00	31.69 0.59 0.00	35.89 0.84 0.00	46.95 0.92 0.00	55.99 1.04 0.00	62.91 0.87 0.00	48.82 0.96 0.00	39.12 0.77 0.00	33.21 0.78 0.00
EMPIRE_CC_2 323658	39.53 0.55 0.00	34.80 0.62 0.00	32.75 0.58 0.00	32.75 0.67 0.00	34.12 0.67 0.00	39.20 0.69 0.00	50.59 0.35 0.00	47.48 0.70 0.00	36.61 0.47 0.00	29.53 0.21 0.00	28.29 0.25 0.00	28.19 0.31 0.00	26.66 0.26 0.00	27.00 0.37 0.00	27.04 0.42 0.00	27.65 0.49 0.00	31.69 0.59 0.00	35.89 0.84 0.00	46.95 0.92 0.00	55.99 1.04 0.00	62.91 0.87 0.00	48.82 0.96 0.00	39.12 0.77 0.00	33.21 0.78 0.00
ENORWICH_115KV_TB1 80156	41.68 2.69 0.00	36.51 2.32 0.00	34.35 2.19 0.00	34.25 2.18 0.00	35.76 2.31 0.00	41.31 2.81 0.00	54.50 4.27 0.00	50.05 3.27 0.00	39.12 1.88 -1.10	30.50 1.17 0.00	28.83 0.79 0.00	28.72 0.84 0.00	26.93 0.74 0.21	27.02 0.64 0.25	26.58 0.51 0.54	27.30 0.65 0.51	31.81 1.00 0.28	36.04 1.72 0.72	48.97 2.95 0.00	59.90 4.07 -0.89	68.02 4.72 -1.26	51.60 3.16 -0.58	40.54 2.19 0.00	34.05 1.62 0.00
ERIE_ST__34_KV_TB1-2 80199	37.58 -1.40 0.00	32.14 -2.05 0.00	30.27 -1.90 0.00	30.25 -1.83 0.00	31.35 -2.11 0.00	35.15 -3.35 0.00	46.38 -2.81 1.04	42.56 -4.21 0.01	34.46 -2.53 -0.85	27.80 -1.52 0.00	26.61 -1.43 0.00	26.26 -1.62 0.00	24.55 -1.85 0.00	24.66 -1.97 0.00	24.41 -2.21 0.00	24.85 -2.31 0.00	28.25 -2.83 0.02	32.23 -2.80 0.02	38.92 -3.77 4.25	45.74 -4.12 6.24	56.41 -4.97 1.48	42.97 -4.16 1.73	34.88 -3.45 0.02	29.58 -2.85 0.00
ERIE_WT_PWR 323693	37.74 -1.25 0.00	32.27 -1.91 0.00	30.69 -1.48 0.00	30.50 -1.57 0.00	31.51 -1.94 0.00	35.46 -3.04 0.00	45.69 -3.47 1.08	42.75 -4.02 0.01	34.72 -2.28 -0.85	28.04 -1.29 0.00	26.75 -1.29 0.00	26.37 -1.51 0.00	25.19 -1.21 0.00	25.22 -1.41 0.00	25.10 -1.52 0.00	25.09 -2.07 0.00	28.28 -2.80 0.02	31.77 -3.26 0.02	36.73 -3.77 5.53	42.68 -4.12 8.15	55.15 -4.97 1.93	41.44 -4.16 2.27	34.80 -3.53 0.02	29.67 -2.76 0.00
ESPRGFLD_115KV_TB1 80157	41.56 2.57 0.00	36.41 2.22 0.00	34.23 2.06 0.00	34.09 2.02 0.00	35.70 2.24 0.00	41.20 2.70 0.00	54.30 4.07 0.00	49.91 3.13 0.00	37.79 1.26 -0.38	30.09 0.76 0.00	28.58 0.53 0.00	28.49 0.61 0.00	26.93 0.53 0.00	27.05 0.43 0.00	26.86 0.24 0.00	27.51 0.35 0.00	31.82 0.72 -0.01	36.67 1.61 -0.01	48.05 2.03 0.00	57.75 2.80 0.00	65.33 3.29 0.00	50.21 2.35 0.00	40.23 1.88 0.00	33.86 1.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.81 0.82 0.00	34.80 0.62 0.00	32.71 0.55 0.00	32.62 0.55 0.00	34.02 0.57 0.00	39.20 0.69 0.00	51.49 1.16 -0.10	47.67 0.89 0.00	38.16 0.54 -1.47	29.71 0.38 0.00	28.29 0.25 0.00	28.05 0.17 0.00	26.53 0.13 0.00	26.71 0.08 0.00	26.64 0.03 0.00	27.21 0.05 0.00	31.21 0.12 0.01	35.32 0.28 0.01	47.28 0.69 -0.56	58.14 1.15 -2.04	65.32 1.37 -1.91	49.70 0.81 -1.01	38.88 0.54 0.01	32.82 0.39 0.00
ETNA____115KV_TB2 80207	39.81 0.82 0.00	34.80 0.62 0.00	32.71 0.55 0.00	32.62 0.55 0.00	34.02 0.57 0.00	39.20 0.69 0.00	51.49 1.16 -0.10	47.67 0.89 0.00	38.16 0.54 -1.47	29.71 0.38 0.00	28.29 0.25 0.00	28.05 0.17 0.00	26.53 0.13 0.00	26.71 0.08 0.00	26.64 0.03 0.00	27.21 0.05 0.00	31.21 0.12 0.01	35.32 0.28 0.01	47.28 0.69 -0.56	58.14 1.15 -2.04	65.32 1.37 -1.91	49.70 0.81 -1.01	38.88 0.54 0.01	32.82 0.39 0.00
EUCLID___115KV_TB2 356179	38.68 -0.31 0.00	33.81 -0.38 0.00	31.81 -0.35 0.00	31.72 -0.35 0.00	33.09 -0.37 0.00	38.12 -0.39 0.00	49.73 -0.50 0.00	46.40 -0.37 0.00	38.26 -0.25 -2.37	29.18 -0.15 0.00	27.87 -0.17 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.36 -0.27 0.00	26.30 -0.32 0.00	26.83 -0.33 0.00	30.69 -0.40 0.00	34.49 -0.56 0.00	45.29 -0.74 0.00	55.75 -0.71 -1.51	63.45 -0.74 -2.15	48.08 -0.77 -0.98	37.78 -0.58 0.00	31.94 -0.49 0.00
E_CANADA_CAP_HY 24051	41.37 2.38 0.00	36.27 2.09 0.00	34.10 1.93 0.00	33.97 1.89 0.00	35.56 2.11 0.00	41.00 2.50 0.00	53.70 3.46 0.00	49.49 2.71 0.00	36.61 0.47 0.00	29.41 0.09 0.00	28.01 -0.03 0.00	27.91 0.03 0.00	26.40 0.00 0.00	26.55 -0.08 0.00	26.40 -0.21 0.00	27.11 -0.05 0.00	31.44 0.34 0.00	36.39 1.33 0.00	47.92 1.89 0.00	57.91 2.97 0.00	65.46 3.41 0.00	50.36 2.49 0.00	40.50 2.15 0.00	34.08 1.65 0.00
E_CANADA_MHWK_HY 24050	39.18 0.20 0.00	34.43 0.24 0.00	32.39 0.23 0.00	32.33 0.26 0.00	33.79 0.33 0.00	39.00 0.50 0.00	50.63 0.40 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.32 -0.08 0.00	26.52 -0.11 0.00	26.46 -0.16 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.31 0.28 0.00	55.44 0.49 0.00	62.73 0.68 0.00	48.40 0.53 0.00	38.96 0.61 0.00	32.79 0.36 0.00
E_FISHKILL___LBMP 23776	40.31 1.33 0.00	35.52 1.33 0.00	33.36 1.19 0.00	33.23 1.15 0.00	34.66 1.20 0.00	39.81 1.31 0.00	52.09 1.86 0.00	48.42 1.64 0.00	37.48 1.34 0.00	30.53 1.20 0.00	29.36 1.32 0.00	29.27 1.39 0.00	28.07 1.40 -0.27	28.40 1.46 -0.31	28.81 1.52 -0.68	29.30 1.49 -0.64	33.20 1.74 -0.36	38.18 2.21 -0.92	48.79 2.76 0.00	57.92 2.97 0.00	65.52 3.47 0.00	50.36 2.49 0.00	40.35 1.99 0.00	33.92 1.49 0.00
FALCON___SEABRD_CC1 323796	39.34 0.35 0.00	34.50 0.31 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	38.97 0.46 0.00	50.99 0.75 0.00	47.34 0.56 0.00	36.54 0.40 0.00	29.59 0.26 0.00	28.18 0.14 0.00	27.99 0.11 0.00	26.48 0.08 0.00	26.68 0.05 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.25 0.16 0.00	35.30 0.25 0.00	46.53 0.51 0.00	55.66 0.71 0.00	62.85 0.80 0.00	48.63 0.76 0.00	38.85 0.50 0.00	32.88 0.45 0.00
FALCON___SEABRD_CC2 323797	39.34 0.35 0.00	34.50 0.31 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	38.97 0.46 0.00	50.99 0.75 0.00	47.34 0.56 0.00	36.54 0.40 0.00	29.59 0.26 0.00	28.18 0.14 0.00	27.99 0.11 0.00	26.48 0.08 0.00	26.68 0.05 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.25 0.16 0.00	35.30 0.25 0.00	46.53 0.51 0.00	55.66 0.71 0.00	62.85 0.80 0.00	48.63 0.76 0.00	38.85 0.50 0.00	32.88 0.45 0.00

FAR ROCKAWAY___4 23548	41.62 2.61 -0.02	36.45 2.26 0.00	33.97 1.80 0.00	33.90 1.83 0.00	35.46 2.01 0.00	40.81 2.31 0.00	53.10 2.86 0.00	49.12 2.34 0.00	37.80 1.66 0.00	30.73 1.41 0.01	29.78 1.74 0.00	29.64 1.76 0.00	29.45 1.87 -1.18	29.97 1.97 -1.38	31.65 2.05 -2.99	32.00 2.01 -2.83	35.53 2.83 -1.61	43.37 3.36 -4.95	53.18 4.19 -2.96	67.45 4.51 -8.00	67.40 5.34 -0.02	52.42 3.88 -0.67	50.66 3.18 -9.12	34.94 2.50 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.63 1.64 0.00	35.90 1.71 0.00	33.68 1.51 0.00	33.49 1.41 0.00	34.93 1.47 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.98 2.20 0.00	37.98 1.84 0.00	31.14 1.82 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.59 2.01 -1.18	30.06 2.05 -1.38	31.72 2.10 -3.00	32.06 2.06 -2.84	35.06 2.36 -1.60	42.01 2.91 -4.05	49.62 3.59 0.00	58.74 3.79 0.00	66.57 4.53 0.00	51.08 3.21 0.00	41.11 2.76 0.00	34.34 1.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.63 1.64 0.00	35.90 1.71 0.00	33.68 1.51 0.00	33.49 1.41 0.00	34.93 1.47 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.98 2.20 0.00	37.98 1.84 0.00	31.11 1.79 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.59 2.01 -1.18	30.06 2.05 -1.38	31.72 2.10 -3.00	32.06 2.06 -2.84	35.06 2.36 -1.60	42.01 2.91 -4.05	49.62 3.59 0.00	58.74 3.79 0.00	66.57 4.53 0.00	51.08 3.21 0.00	40.92 2.57 0.00	34.34 1.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.63 1.64 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.49 1.41 0.00	34.93 1.47 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.93 2.15 0.00	37.98 1.84 0.00	31.11 1.79 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.59 2.01 -1.18	30.06 2.05 -1.38	31.72 2.10 -3.00	32.06 2.06 -2.84	35.06 2.36 -1.60	41.98 2.87 -4.05	49.62 3.59 0.00	58.69 3.74 0.00	66.51 4.47 0.00	51.08 3.21 0.00	40.88 2.53 0.00	34.34 1.91 0.00
FARRAGUT___LBMP 323566	40.59 1.60 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.45 1.38 0.00	34.89 1.44 0.00	40.12 1.62 0.00	52.54 2.31 0.00	48.88 2.11 0.00	37.95 1.81 0.00	31.08 1.76 0.00	29.95 1.91 0.00	29.86 1.98 0.00	29.56 1.98 -1.18	30.03 2.02 -1.38	31.69 2.08 -3.00	32.03 2.04 -2.84	35.02 2.33 -1.60	41.94 2.84 -4.05	49.57 3.54 0.00	58.63 3.68 0.00	66.45 4.41 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
FARRCKWY_69_KV_BK2 55825	41.62 2.61 -0.02	36.45 2.26 0.00	33.97 1.80 0.00	33.90 1.83 0.00	35.46 2.01 0.00	40.81 2.31 0.00	53.10 2.86 0.00	49.12 2.34 0.00	37.80 1.66 0.00	30.73 1.41 0.01	29.78 1.74 0.00	29.64 1.76 0.00	29.45 1.87 -1.18	29.97 1.97 -1.38	31.65 2.05 -2.99	32.00 2.01 -2.83	35.53 2.83 -1.61	43.37 3.36 -4.95	53.18 4.19 -2.96	67.45 4.51 -8.00	67.40 5.34 -0.02	52.42 3.88 -0.67	50.66 3.18 -9.12	34.94 2.50 -0.02
FENNER___WINDPWR 24204	39.69 0.70 0.00	34.77 0.58 0.00	32.75 0.58 0.00	32.62 0.54 0.00	34.06 0.60 0.00	39.27 0.77 0.00	51.44 1.20 0.00	47.66 0.89 0.00	38.09 0.54 -1.40	29.68 0.35 0.00	28.29 0.25 0.00	28.13 0.25 0.00	26.64 0.24 0.00	26.82 0.19 0.00	26.78 0.16 0.00	27.32 0.16 0.00	31.34 0.25 0.00	35.44 0.39 0.00	46.81 0.78 0.00	57.20 1.16 -1.09	64.96 1.36 -1.55	49.44 0.86 -0.71	39.00 0.65 0.00	32.95 0.52 0.00
FIBERTEK___ENERGY 23856	38.99 0.00 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.35 -0.10 0.00	38.47 -0.04 0.00	50.23 0.00 0.00	46.78 0.00 0.00	38.68 0.04 -2.50	29.38 0.06 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.73 -0.32 0.00	45.66 -0.37 0.00	56.97 -0.27 -2.30	65.12 -0.19 -3.26	49.02 -0.34 -1.49	38.08 -0.27 0.00	32.20 -0.23 0.00
FITZPATRICK___ 23598	37.97 -1.01 0.00	33.20 -0.99 0.00	31.30 -0.87 0.00	31.18 -0.90 0.00	32.52 -0.94 0.00	37.43 -1.08 0.00	48.93 -1.31 0.00	45.52 -1.26 0.00	24.64 -0.94 10.56	28.62 -0.70 0.00	27.34 -0.70 0.00	27.16 -0.73 0.00	25.71 -0.69 0.00	25.91 -0.72 0.00	25.90 -0.72 0.00	26.40 -0.76 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.42 -1.61 0.00	42.10 -1.87 10.98	44.40 -2.05 15.60	39.07 -1.68 7.12	37.05 -1.30 0.00	31.36 -1.07 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.74 1.75 0.00	35.93 1.74 0.00	33.71 1.54 0.00	33.58 1.51 0.00	34.99 1.54 0.00	40.31 1.81 0.00	52.85 2.61 0.00	49.02 2.25 0.00	37.84 1.70 0.00	30.73 1.41 0.00	29.50 1.46 0.00	29.41 1.53 0.00	28.18 1.53 -0.25	28.49 1.57 -0.29	28.93 1.68 -0.63	29.44 1.68 -0.60	33.42 1.99 -0.34	38.59 2.52 -1.01	49.39 3.36 0.00	58.69 3.74 0.00	66.45 4.41 0.00	50.98 3.11 0.00	40.81 2.45 0.00	34.28 1.85 0.00
FORT ORANGE___ 23900	39.73 0.74 0.00	34.94 0.75 0.00	32.87 0.71 0.00	32.81 0.74 0.00	34.23 0.77 0.00	39.31 0.81 0.00	51.03 0.80 0.00	47.71 0.94 0.00	36.50 0.36 0.00	29.47 0.15 0.00	28.24 0.20 0.00	28.10 0.22 0.00	26.59 0.19 0.00	26.87 0.24 0.00	26.91 0.29 0.00	27.54 0.38 0.00	31.56 0.47 0.00	35.82 0.77 0.00	46.95 0.92 0.00	56.10 1.16 0.00	63.22 1.18 0.00	48.87 1.01 0.00	39.16 0.81 0.00	33.11 0.68 0.00
FORT_DRUM_COGEN 23780	39.22 0.23 0.00	34.39 0.21 0.00	32.36 0.19 0.00	32.23 0.16 0.00	33.72 0.27 0.00	39.04 0.54 0.00	51.19 0.95 0.00	46.97 0.19 0.00	37.61 -0.47 -1.94	28.65 -0.67 0.00	27.23 -0.81 0.00	27.16 -0.72 0.00	25.66 -0.74 0.00	25.75 -0.88 0.00	25.66 -0.96 0.00	26.26 -0.90 0.00	30.23 -0.87 0.00	34.42 -0.63 0.00	45.89 -0.14 0.00	57.46 0.66 -1.85	65.61 0.93 -2.63	49.45 0.38 -1.20	38.70 0.35 0.00	32.62 0.19 0.00
FOX_HILLS___ESR 323835	40.91 1.91 -0.01	36.18 1.98 -0.01	33.91 1.74 -0.01	33.72 1.63 -0.01	35.13 1.67 0.00	40.05 1.54 0.00	51.89 1.66 0.00	48.56 1.78 0.00	37.66 1.52 0.00	30.88 1.55 0.00	29.78 1.74 0.00	29.72 1.84 0.00	29.35 1.77 -1.18	29.79 1.78 -1.38	31.61 2.00 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.58	42.01 2.91 -4.05	49.66 3.64 0.00	58.36 3.41 0.00	66.08 4.03 0.00	51.17 3.30 0.00	41.00 2.64 0.00	34.47 2.04 0.00
FPL_FAR_ROCK_GT1 24212	41.62 2.61 -0.02	36.44 2.26 0.00	33.90 1.74 0.00	33.87 1.80 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.69 2.46 0.00	49.12 2.34 0.00	37.84 1.70 0.00	30.73 1.41 0.01	29.84 1.80 0.00	29.72 1.84 0.00	29.43 1.85 -1.18	29.95 1.94 -1.38	31.60 2.00 -2.99	32.01 2.04 -2.81	35.49 2.80 -1.60	43.37 3.37 -4.95	53.17 4.19 -2.96	67.45 4.51 -8.00	67.40 5.34 -0.02	52.47 3.93 -0.67	50.66 3.18 -9.12	34.94 2.50 -0.02
FPL_FAR_ROCK_GT2 23815	41.62 2.61 -0.02	36.44 2.26 0.00	33.90 1.74 0.00	33.87 1.80 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.69 2.46 0.00	49.12 2.34 0.00	37.84 1.70 0.00	30.73 1.41 0.01	29.84 1.80 0.00	29.72 1.84 0.00	29.43 1.85 -1.18	29.95 1.94 -1.38	31.60 2.00 -2.99	32.01 2.04 -2.81	35.49 2.80 -1.60	43.37 3.37 -4.95	53.17 4.19 -2.96	67.45 4.51 -8.00	67.40 5.34 -0.02	52.47 3.93 -0.67	50.66 3.18 -9.12	34.94 2.50 -0.02

FRANKLIN_FALL_HYD 24054	39.22 0.23 0.00	34.39 0.21 0.00	32.33 0.16 0.00	32.23 0.16 0.00	33.69 0.23 0.00	38.89 0.39 0.00	50.94 0.70 0.00	47.29 0.51 0.00	36.43 0.29 0.00	29.50 0.18 0.00	28.07 0.03 0.00	27.91 0.03 0.00	26.43 0.03 0.00	26.60 -0.03 0.00	26.62 0.00 0.00	27.16 0.00 0.00	31.19 0.09 0.00	35.26 0.21 0.00	46.49 0.46 0.00	55.33 0.38 0.00	62.36 0.31 0.00	48.30 0.43 0.00	38.54 0.19 0.00	32.62 0.19 0.00
FREEPORT_EQUS_GT1 23764	41.46 2.46 -0.01	36.34 2.16 0.00	33.81 1.64 0.00	33.77 1.70 0.00	35.36 1.91 0.00	40.70 2.19 0.00	52.55 2.31 0.00	48.98 2.20 0.00	37.69 1.55 0.00	30.58 1.26 0.01	29.70 1.65 0.00	29.55 1.67 0.00	29.29 1.72 -1.18	29.82 1.81 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.39 2.70 -1.59	43.09 3.33 -4.70	52.28 4.10 -2.15	65.10 4.40 -5.75	67.27 5.21 -0.01	52.14 3.78 -0.49	48.10 3.11 -6.64	34.87 2.43 -0.01
FREEPORT___CT2 23818	41.46 2.46 -0.01	36.34 2.16 0.00	33.81 1.64 0.00	33.77 1.70 0.00	35.36 1.91 0.00	40.70 2.19 0.00	52.55 2.31 0.00	48.98 2.20 0.00	37.69 1.55 0.00	30.58 1.26 0.01	29.70 1.65 0.00	29.55 1.67 0.00	29.29 1.72 -1.18	29.82 1.81 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.39 2.70 -1.59	43.09 3.33 -4.70	52.28 4.10 -2.15	65.10 4.40 -5.75	67.27 5.21 -0.01	52.14 3.78 -0.49	48.10 3.11 -6.64	34.87 2.43 -0.01
FRESHKLS_33_KV_LOAD 356253	41.06 2.06 -0.01	36.32 2.12 -0.01	34.04 1.86 -0.01	33.84 1.76 -0.01	35.23 1.77 0.00	40.08 1.58 0.00	51.89 1.66 0.00	48.46 1.68 0.00	37.59 1.45 0.00	30.82 1.49 0.00	29.70 1.65 0.00	29.64 1.76 0.00	29.27 1.69 -1.18	29.74 1.73 -1.38	31.61 2.00 -3.00	32.02 2.04 -2.82	34.98 2.30 -1.58	42.08 2.98 -4.05	49.75 3.73 0.00	58.36 3.41 0.00	66.08 4.03 0.00	51.27 3.40 0.00	41.08 2.72 0.00	34.57 2.14 0.00
FULTON COGEN____ 23766	38.25 -0.74 0.00	33.47 -0.72 0.00	31.49 -0.68 0.00	31.40 -0.67 0.00	32.75 -0.70 0.00	37.73 -0.77 0.00	49.28 -0.95 0.00	45.94 -0.84 0.00	39.10 -0.58 -3.54	28.89 -0.44 0.00	27.59 -0.45 0.00	27.41 -0.47 0.00	25.90 -0.50 0.00	26.09 -0.53 0.00	26.06 -0.56 0.00	26.59 -0.57 0.00	30.38 -0.72 0.00	34.14 -0.91 0.00	44.83 -1.20 0.00	57.57 -1.32 -3.94	66.21 -1.43 -5.59	49.18 -1.24 -2.55	37.39 -0.96 0.00	31.62 -0.81 0.00
FULTON___LFGE 323630	41.17 2.18 0.00	36.14 1.95 0.00	33.93 1.77 0.00	33.80 1.73 0.00	35.43 1.97 0.00	40.81 2.31 0.00	53.30 3.06 0.00	49.07 2.29 0.00	36.40 0.25 0.00	29.15 -0.17 0.00	27.79 -0.25 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.36 -0.27 0.00	26.32 -0.29 0.00	27.05 -0.11 0.00	31.35 0.25 0.00	36.21 1.15 0.00	47.92 1.89 0.00	58.08 3.13 0.00	65.64 3.60 0.00	50.55 2.68 0.00	40.46 2.11 0.00	34.08 1.65 0.00
G.F.CEMENT___DRP 24184	40.78 1.79 0.00	35.83 1.64 0.00	33.77 1.61 0.00	33.65 1.57 0.00	35.23 1.77 0.00	40.58 2.08 0.00	53.10 2.86 0.00	49.12 2.34 0.00	37.44 1.30 0.00	30.09 0.76 0.00	28.55 0.50 0.00	28.38 0.50 0.00	26.88 0.48 0.00	27.08 0.45 0.00	27.12 0.51 0.00	27.81 0.65 0.00	31.97 0.87 0.00	36.38 1.33 0.00	47.96 1.93 0.00	57.86 2.91 0.00	65.33 3.29 0.00	50.41 2.54 0.00	40.19 1.84 0.00	34.02 1.59 0.00
GARDENVILLE___LBMP 24039	37.70 -1.29 0.00	32.21 -1.98 0.00	30.37 -1.80 0.00	30.34 -1.73 0.00	31.45 -2.01 0.00	35.23 -3.27 0.00	45.13 -3.97 1.14	42.70 -4.07 0.01	34.57 -2.42 -0.85	27.92 -1.41 0.00	26.72 -1.32 0.00	26.35 -1.53 0.00	24.66 -1.74 0.00	24.74 -1.89 0.00	24.51 -2.10 0.00	24.93 -2.23 0.00	28.22 -2.86 0.02	31.70 -3.33 0.02	36.11 -3.91 6.01	41.80 -4.29 8.86	54.73 -5.21 2.10	41.15 -4.26 2.46	34.73 -3.61 0.02	29.64 -2.79 0.00
GARDNVLA_35_KV_LD 355827	37.78 -1.21 0.00	32.27 -1.91 0.00	30.43 -1.74 0.00	30.41 -1.67 0.00	31.51 -1.94 0.00	35.27 -3.23 0.00	45.36 -3.82 1.05	42.79 -3.98 0.01	34.64 -2.35 -0.85	27.98 -1.35 0.00	26.78 -1.26 0.00	26.43 -1.45 0.00	24.71 -1.69 0.00	24.82 -1.81 0.00	24.57 -2.05 0.00	24.99 -2.17 0.00	28.28 -2.80 0.02	31.81 -3.22 0.02	36.90 -3.77 5.35	42.94 -4.12 7.89	55.15 -5.03 1.87	41.56 -4.12 2.19	34.84 -3.49 0.02	29.71 -2.72 0.00
GELCKHM___115KV_LOAD 80723	38.79 -0.19 0.00	33.92 -0.27 0.00	31.91 -0.26 0.00	31.82 -0.26 0.00	33.19 -0.27 0.00	38.23 -0.27 0.00	49.93 -0.30 0.00	46.54 -0.23 0.00	38.45 -0.14 -2.45	29.27 -0.06 0.00	27.93 -0.11 0.00	27.74 -0.14 0.00	26.22 -0.18 0.00	26.41 -0.21 0.00	26.38 -0.24 0.00	26.92 -0.24 0.00	30.78 -0.31 0.00	34.59 -0.46 0.00	45.43 -0.60 0.00	56.21 -0.55 -1.81	64.06 -0.56 -2.57	48.42 -0.62 -1.17	37.89 -0.46 0.00	32.04 -0.39 0.00
GENERAL___MILLS 23808	37.74 -1.25 0.00	32.24 -1.95 0.00	30.40 -1.77 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.23 -3.27 0.00	45.29 -3.87 1.08	42.70 -4.07 0.01	34.57 -2.42 -0.85	27.95 -1.38 0.00	26.75 -1.29 0.00	26.38 -1.51 0.00	24.66 -1.74 0.00	24.76 -1.86 0.00	24.51 -2.10 0.00	24.96 -2.20 0.00	28.25 -2.83 0.02	31.77 -3.26 0.02	36.68 -3.82 5.53	42.68 -4.12 8.15	55.02 -5.09 1.93	41.49 -4.12 2.27	34.80 -3.53 0.02	29.67 -2.76 0.00
GE_PLASTICS___DRP 24183	39.57 0.58 0.00	34.84 0.65 0.00	32.78 0.61 0.00	32.68 0.61 0.00	34.09 0.64 0.00	39.20 0.69 0.00	51.09 0.85 0.00	47.53 0.75 0.00	36.57 0.43 0.00	29.59 0.26 0.00	28.35 0.31 0.00	28.24 0.36 0.00	26.77 0.37 0.00	27.05 0.43 0.00	27.10 0.48 0.00	27.65 0.49 0.00	31.72 0.62 0.00	35.82 0.77 0.00	46.90 0.87 0.00	55.99 1.04 0.00	63.10 1.05 0.00	48.78 0.91 0.00	39.08 0.73 0.00	33.05 0.62 0.00
GILBOA___1 23756	39.73 0.74 0.00	34.94 0.75 0.00	32.84 0.68 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.09 0.85 0.00	47.71 0.94 0.00	36.83 0.68 0.00	29.91 0.59 0.00	28.69 0.65 0.00	28.55 0.67 0.00	27.03 0.63 0.00	27.32 0.69 0.00	27.31 0.69 0.00	27.89 0.73 0.00	31.94 0.84 0.00	36.17 1.12 0.00	47.50 1.47 0.00	56.49 1.54 0.00	63.78 1.73 0.00	49.26 1.39 0.00	39.43 1.07 0.00	33.27 0.84 0.00
GILBOA___2 23757	39.73 0.74 0.00	34.94 0.75 0.00	32.84 0.68 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.09 0.85 0.00	47.71 0.94 0.00	36.83 0.68 0.00	29.91 0.59 0.00	28.69 0.65 0.00	28.55 0.67 0.00	27.03 0.63 0.00	27.32 0.69 0.00	27.31 0.69 0.00	27.89 0.73 0.00	31.94 0.84 0.00	36.17 1.12 0.00	47.50 1.47 0.00	56.49 1.54 0.00	63.78 1.73 0.00	49.26 1.39 0.00	39.43 1.07 0.00	33.27 0.84 0.00
GILBOA___3 23758	39.73 0.74 0.00	34.94 0.75 0.00	32.84 0.68 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.09 0.85 0.00	47.71 0.94 0.00	36.83 0.68 0.00	29.91 0.59 0.00	28.69 0.65 0.00	28.55 0.67 0.00	27.03 0.63 0.00	27.32 0.69 0.00	27.31 0.69 0.00	27.89 0.73 0.00	31.94 0.84 0.00	36.17 1.12 0.00	47.50 1.47 0.00	56.49 1.54 0.00	63.78 1.73 0.00	49.26 1.39 0.00	39.43 1.07 0.00	33.27 0.84 0.00

GILBOA___4 23759	39.73 0.74 0.00	34.94 0.75 0.00	32.84 0.68 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.09 0.85 0.00	47.71 0.94 0.00	36.83 0.68 0.00	29.91 0.59 0.00	28.69 0.65 0.00	28.55 0.67 0.00	27.03 0.63 0.00	27.32 0.69 0.00	27.31 0.69 0.00	27.89 0.73 0.00	31.94 0.84 0.00	36.17 1.12 0.00	47.50 1.47 0.00	56.49 1.54 0.00	63.78 1.73 0.00	49.26 1.39 0.00	39.43 1.07 0.00	33.27 0.84 0.00
GILBOA____ 23599	39.73 0.74 0.00	34.94 0.75 0.00	32.87 0.71 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.29 1.05 0.00	47.71 0.94 0.00	36.83 0.69 0.00	29.91 0.59 0.00	28.66 0.62 0.00	28.55 0.67 0.00	27.06 0.66 0.00	27.35 0.72 0.00	27.36 0.75 0.00	27.89 0.73 0.00	32.00 0.90 0.00	36.17 1.12 0.00	47.50 1.47 0.00	56.49 1.54 0.00	63.78 1.74 0.00	49.26 1.39 0.00	39.43 1.07 0.00	33.27 0.84 0.00
GINNA____ 23603	36.61 -2.38 0.00	31.59 -2.60 0.00	29.91 -2.25 0.00	29.80 -2.28 0.00	30.98 -2.48 0.00	35.73 -2.77 0.00	47.08 -3.26 -0.11	43.46 -3.32 0.00	34.70 -2.31 -0.87	27.65 -1.67 0.00	26.36 -1.68 0.00	26.15 -1.73 0.00	24.82 -1.58 0.00	24.92 -1.70 0.00	24.81 -1.81 0.00	25.20 -1.96 0.00	28.63 -2.46 0.01	31.89 -3.15 0.01	42.53 -4.10 -0.60	51.16 -4.67 -0.88	57.17 -5.09 -0.21	43.90 -4.21 -0.24	35.24 -3.11 0.01	29.83 -2.60 0.00
GLEN PARK____ 23778	39.26 0.27 0.00	34.43 0.24 0.00	32.42 0.26 0.00	32.30 0.23 0.00	33.79 0.33 0.00	39.12 0.61 0.00	51.39 1.16 0.00	47.06 0.28 0.00	37.72 -0.43 -2.01	28.65 -0.67 0.00	27.23 -0.81 0.00	27.16 -0.73 0.00	25.69 -0.71 0.00	25.77 -0.85 0.00	25.66 -0.96 0.00	26.32 -0.84 0.00	30.32 -0.78 0.00	34.42 -0.63 0.00	45.98 -0.05 0.00	57.64 0.77 -1.92	65.90 1.12 -2.73	49.64 0.53 -1.25	38.77 0.42 0.00	32.66 0.23 0.00
GLENDALE_27_KV_LOAD 356172	40.70 1.72 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.55 1.48 0.00	34.99 1.54 0.00	40.16 1.66 0.00	52.49 2.26 0.00	48.93 2.15 0.00	37.98 1.84 0.00	31.20 1.88 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.67 2.09 -1.18	30.11 2.10 -1.38	31.79 2.18 -3.00	32.14 2.15 -2.83	35.15 2.46 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.63 3.68 0.00	66.39 4.34 0.00	51.08 3.21 0.00	40.92 2.57 0.00	34.41 1.98 0.00
GLENWOOD_IC_1_G5 23712	41.15 2.14 -0.01	36.17 1.98 0.00	33.81 1.64 0.00	33.71 1.64 0.00	35.23 1.77 0.00	40.51 2.00 0.00	52.85 2.61 0.00	49.02 2.25 0.00	37.80 1.66 0.00	30.82 1.50 0.00	29.78 1.74 0.00	29.67 1.78 0.00	29.45 1.87 -1.18	29.95 1.94 -1.38	31.60 2.00 -2.99	31.97 1.98 -2.83	35.28 2.58 -1.60	43.02 3.12 -4.85	52.53 3.87 -2.63	66.22 4.18 -7.10	66.96 4.90 -0.01	52.06 3.59 -0.60	49.34 2.88 -8.12	34.68 2.24 -0.01
GLENWOOD_IC_2_G1 23688	40.86 1.87 0.00	35.97 1.78 0.00	33.62 1.45 0.00	33.52 1.44 0.00	35.03 1.57 0.00	40.28 1.77 0.00	52.29 2.06 0.00	48.83 2.06 0.00	37.77 1.63 0.00	30.79 1.47 0.00	29.75 1.71 0.00	29.67 1.79 0.00	29.32 1.74 -1.18	29.82 1.81 -1.38	31.44 1.84 -2.99	31.84 1.87 -2.81	34.98 2.30 -1.58	42.00 2.87 -4.08	49.69 3.54 -0.12	59.07 3.79 -0.33	66.52 4.47 0.00	51.15 3.26 -0.03	41.34 2.61 -0.38	34.44 2.01 0.00
GLENWOOD_IC_3_G1 23689	40.86 1.87 0.00	35.97 1.78 0.00	33.62 1.45 0.00	33.52 1.44 0.00	35.03 1.57 0.00	40.28 1.77 0.00	52.29 2.06 0.00	48.83 2.06 0.00	37.77 1.63 0.00	30.79 1.47 0.00	29.75 1.71 0.00	29.67 1.79 0.00	29.32 1.74 -1.18	29.82 1.81 -1.38	31.44 1.84 -2.99	31.84 1.87 -2.81	34.98 2.30 -1.58	42.00 2.87 -4.08	49.69 3.54 -0.12	59.07 3.79 -0.33	66.52 4.47 0.00	51.15 3.26 -0.03	41.34 2.61 -0.38	34.44 2.01 0.00
GLENWOOD___4 23550	41.15 2.14 -0.01	36.17 1.98 0.00	33.81 1.64 0.00	33.71 1.64 0.00	35.23 1.77 0.00	40.51 2.00 0.00	52.85 2.61 0.00	49.02 2.25 0.00	37.80 1.66 0.00	30.82 1.50 0.00	29.78 1.74 0.00	29.67 1.78 0.00	29.45 1.87 -1.18	29.95 1.94 -1.38	31.60 2.00 -2.99	31.97 1.98 -2.83	35.28 2.58 -1.60	43.02 3.12 -4.85	52.53 3.87 -2.63	66.22 4.18 -7.10	66.96 4.90 -0.01	52.06 3.59 -0.60	49.34 2.88 -8.12	34.68 2.24 -0.01
GLENWOOD___5 23614	41.15 2.14 -0.01	36.17 1.98 0.00	33.81 1.64 0.00	33.71 1.64 0.00	35.23 1.77 0.00	40.51 2.00 0.00	52.85 2.61 0.00	49.02 2.25 0.00	37.80 1.66 0.00	30.82 1.50 0.00	29.78 1.74 0.00	29.67 1.78 0.00	29.45 1.87 -1.18	29.95 1.94 -1.38	31.60 2.00 -2.99	31.97 1.98 -2.83	35.28 2.58 -1.60	43.02 3.12 -4.85	52.53 3.87 -2.63	66.22 4.18 -7.10	66.96 4.90 -0.01	52.06 3.59 -0.60	49.34 2.88 -8.12	34.68 2.24 -0.01
GLOBAL GREEN_PORT_GT1 23814	42.04 3.04 -0.01	36.75 2.57 0.00	34.03 1.86 0.00	34.00 1.92 0.00	35.53 2.07 0.00	40.74 2.23 0.00	52.29 2.06 0.00	48.83 2.06 0.00	37.33 1.19 0.00	30.08 0.76 0.01	29.44 1.40 0.00	29.41 1.53 0.00	29.35 1.77 -1.18	29.92 1.92 -1.38	31.52 1.92 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.39 3.79 -4.55	52.51 4.83 -1.65	67.59 5.33 -7.31	71.55 6.02 -3.49	52.74 4.50 -0.38	47.02 3.57 -5.10	35.26 2.82 -0.01
GLOBE___DSASP 323697	37.02 -1.95 0.02	31.69 -2.50 0.00	29.85 -2.32 0.00	29.86 -2.21 0.00	30.98 -2.48 0.00	34.52 -3.97 0.02	43.47 -5.78 0.98	41.89 -4.86 0.03	33.94 -3.00 -0.80	27.49 -1.82 0.02	26.28 -1.74 0.02	25.96 -1.90 0.02	24.27 -2.11 0.02	24.37 -2.24 0.02	24.15 -2.45 0.02	24.56 -2.58 0.02	27.73 -3.33 0.04	30.81 -4.21 0.04	35.29 -5.43 5.31	40.93 -6.15 7.87	52.91 -7.26 1.87	39.84 -5.84 2.19	34.02 -4.30 0.04	29.22 -3.21 0.00
GOETHSLN___LBMP 323567	40.43 1.44 0.00	35.73 1.54 0.00	33.52 1.35 0.00	33.32 1.25 0.00	34.76 1.30 0.00	39.97 1.46 0.00	52.34 2.11 0.00	48.74 1.96 0.00	37.88 1.73 0.00	31.03 1.70 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.64 2.02 -3.00	31.98 1.98 -2.84	34.96 2.27 -1.60	41.87 2.77 -4.05	49.43 3.41 0.00	58.47 3.52 0.00	66.33 4.28 0.00	50.88 3.02 0.00	40.73 2.38 0.00	34.21 1.78 0.00
GOLAH___69_KV_TB 1_2 80279	38.29 -0.70 0.00	32.89 -1.30 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.22 -1.24 0.00	36.89 -1.62 0.00	47.72 -2.51 0.00	44.95 -1.82 0.00	35.86 -1.12 -0.84	28.68 -0.65 0.00	27.40 -0.64 0.00	27.10 -0.78 0.00	25.45 -0.95 0.00	25.59 -1.04 0.00	25.39 -1.22 0.00	25.88 -1.28 0.00	29.38 -1.71 0.01	32.76 -2.28 0.01	43.17 -2.85 0.00	51.93 -3.02 0.00	58.76 -3.29 0.00	45.09 -2.78 0.00	36.38 -1.96 0.01	30.97 -1.46 0.00
GOODYEAR_LAKE_HYD 323669	41.76 2.77 0.00	36.58 2.39 0.00	34.39 2.22 0.00	34.29 2.21 0.00	35.83 2.38 0.00	41.39 2.89 0.00	54.60 4.37 0.00	50.24 3.46 0.00	38.67 1.84 -0.68	30.59 1.26 0.00	29.00 0.95 0.00	28.97 1.09 0.00	27.35 0.95 0.00	27.45 0.83 0.00	27.26 0.64 0.00	27.89 0.73 0.00	32.16 1.06 -0.01	36.95 1.89 -0.01	48.05 2.03 0.00	57.95 2.47 -0.52	65.71 2.92 -0.74	50.27 2.06 -0.34	39.97 1.61 -0.01	33.66 1.23 0.00

GOUDEY___1 345031	39.49 0.51 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.72 0.27 0.00	38.73 0.23 0.00	50.65 0.60 0.19	47.10 0.33 0.00	37.48 0.25 -1.08	29.59 0.26 0.00	28.27 0.22 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.18 0.06 -0.02	35.25 0.18 -0.02	45.40 0.41 1.04	54.87 0.60 0.68	63.64 0.74 -0.85	48.38 0.38 -0.13	38.57 0.19 -0.02	32.56 0.13 0.00
GOUDEY___7 23579	39.49 0.51 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.72 0.27 0.00	38.73 0.23 0.00	50.65 0.60 0.19	47.10 0.33 0.00	37.48 0.25 -1.08	29.59 0.26 0.00	28.27 0.22 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.18 0.06 -0.02	35.25 0.18 -0.02	45.40 0.41 1.04	54.87 0.60 0.68	63.64 0.74 -0.85	48.38 0.38 -0.13	38.57 0.19 -0.02	32.56 0.13 0.00
GOUDEY___8 23580	39.49 0.51 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.72 0.27 0.00	38.73 0.23 0.00	50.65 0.60 0.19	47.10 0.33 0.00	37.48 0.25 -1.08	29.59 0.26 0.00	28.27 0.22 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.18 0.06 -0.02	35.25 0.18 -0.02	45.40 0.41 1.04	54.87 0.60 0.68	63.64 0.74 -0.85	48.38 0.38 -0.13	38.57 0.19 -0.02	32.56 0.13 0.00
GOWANUS_GT1_1 24077	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT1_2 24078	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT1_3 24079	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT1_4 24080	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT1_5 24084	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT1_6 24111	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT1_7 24112	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT1_8 24113	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT2_1 24114	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT2_2 24115	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT2_3 24116	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00
GOWANUS_GT2_4 24117	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 -2.01 0.00

GOWANUS_GT2_5 24118	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT2_6 24119	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT2_7 24120	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT2_8 24121	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_1 24122	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_2 24123	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_3 24124	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_4 24125	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_5 24126	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_6 24127	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_7 24128	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT3_8 24129	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT4_1 24130	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT4_2 24131	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT4_3 24132	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00

GOWANUS_GT4_4 24133	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT4_5 24134	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT4_6 24135	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT4_7 24136	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GOWANUS_GT4_8 24137	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GREENBSH_115KV_TB3 55895	39.53 0.55 0.00	34.77 0.58 0.00	32.75 0.58 0.00	32.68 0.61 0.00	34.06 0.60 0.00	39.16 0.65 0.00	50.99 0.75 0.00	47.53 0.75 0.00	36.47 0.33 0.00	29.47 0.15 0.00	28.24 0.20 0.00	28.13 0.25 0.00	26.69 0.29 0.00	26.97 0.35 0.00	27.02 0.40 0.00	27.57 0.41 0.00	31.63 0.53 0.00	35.72 0.67 0.00	46.72 0.69 0.00	55.77 0.82 0.00	62.85 0.81 0.00	48.59 0.72 0.00	38.97 0.61 0.00	32.98 0.55 0.00
GREENDGE_115KV_TB5 80291	39.18 0.19 0.00	33.88 -0.31 0.00	31.88 -0.29 0.00	31.85 -0.22 0.00	33.12 -0.33 0.00	37.89 -0.62 0.00	51.26 -0.15 -1.18	46.13 -0.65 -0.01	36.90 -0.43 -1.19	29.06 -0.26 0.00	27.71 -0.34 0.00	27.38 -0.50 0.00	25.74 -0.66 0.00	25.86 -0.77 0.00	25.71 -0.90 0.00	26.24 -0.92 0.00	29.95 -1.12 0.03	33.90 -1.12 0.03	51.60 -0.92 -6.49	64.65 -0.55 -10.25	64.65 -0.56 -3.17	50.13 -0.81 -3.07	37.40 -0.92 0.03	31.65 -0.78 0.00
GREENIDGE___3 23582	39.18 0.19 0.00	33.88 -0.31 0.00	31.88 -0.29 0.00	31.85 -0.22 0.00	33.12 -0.33 0.00	37.89 -0.62 0.00	51.26 -0.15 -1.18	46.13 -0.65 -0.01	36.90 -0.43 -1.19	29.06 -0.26 0.00	27.71 -0.34 0.00	27.38 -0.50 0.00	25.74 -0.66 0.00	25.86 -0.77 0.00	25.71 -0.90 0.00	26.24 -0.92 0.00	29.95 -1.12 0.03	33.90 -1.12 0.03	51.60 -0.92 -6.49	64.65 -0.55 -10.25	64.65 -0.56 -3.17	50.13 -0.81 -3.07	37.40 -0.92 0.03	31.65 -0.78 0.00
GREENIDGE___4 23583	39.18 0.20 0.00	33.88 -0.31 0.00	32.04 -0.13 0.00	31.91 -0.16 0.00	33.12 -0.33 0.00	38.00 -0.50 0.00	51.26 -0.15 -1.18	46.13 -0.65 -0.01	36.97 -0.36 -1.19	29.12 -0.20 0.00	27.71 -0.34 0.00	27.41 -0.47 0.00	26.00 -0.40 0.00	26.07 -0.56 0.00	26.01 -0.61 0.00	26.32 -0.84 0.00	29.95 -1.12 0.03	33.87 -1.16 0.03	51.60 -0.92 -6.49	64.65 -0.55 -10.25	64.65 -0.56 -3.17	50.13 -0.81 -3.07	37.37 -0.96 0.03	31.65 -0.78 0.00
GREENLWN_69_KV_BK 3 55738	41.30 2.30 -0.01	36.17 1.98 0.00	33.68 1.51 0.00	33.65 1.57 0.00	35.23 1.77 0.00	40.54 2.04 0.00	52.64 2.41 0.00	48.60 1.82 0.00	37.30 1.16 0.00	30.29 0.97 0.01	29.36 1.32 0.00	29.22 1.34 0.00	29.08 1.50 -1.18	29.63 1.62 -1.38	31.31 1.70 -2.99	31.67 1.68 -2.83	35.37 2.67 -1.60	42.83 3.22 -4.56	51.53 3.82 -1.68	61.52 3.90 -2.67	64.34 4.59 2.30	51.70 3.45 -0.38	46.53 2.99 -5.19	34.77 2.33 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
GRISSOM___SOLAR 323813	41.01 2.03 0.00	36.00 1.81 0.00	33.84 1.67 0.00	33.71 1.63 0.00	35.29 1.84 0.00	40.66 2.15 0.00	52.99 2.76 0.00	48.74 1.96 0.00	36.29 0.15 0.00	29.03 -0.29 0.00	27.71 -0.34 0.00	27.57 -0.31 0.00	26.11 -0.29 0.00	26.31 -0.32 0.00	26.30 -0.32 0.00	27.05 -0.11 0.00	31.29 0.19 0.00	36.03 0.98 0.00	47.78 1.75 0.00	57.97 3.02 0.00	65.46 3.41 0.00	50.45 2.58 0.00	40.38 2.03 0.00	33.99 1.56 0.00
GROVEVILLE___HYD 323602	40.74 1.75 0.00	35.93 1.74 0.00	33.71 1.54 0.00	33.58 1.51 0.00	34.99 1.54 0.00	40.31 1.81 0.00	52.85 2.61 0.00	49.02 2.25 0.00	37.84 1.70 0.00	30.73 1.41 0.00	29.50 1.46 0.00	29.41 1.53 0.00	28.18 1.53 -0.25	28.49 1.57 -0.29	28.93 1.68 -0.63	29.44 1.68 -0.60	33.42 1.99 -0.34	38.59 2.52 -1.01	49.39 3.36 0.00	58.69 3.74 0.00	66.45 4.41 0.00	50.98 3.11 0.00	40.81 2.45 0.00	34.28 1.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.99 0.00 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.35 -0.10 0.00	38.47 -0.04 0.00	50.23 0.00 0.00	46.78 0.00 0.00	38.68 0.04 -2.50	29.38 0.06 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.73 -0.32 0.00	45.66 -0.37 0.00	56.97 -0.27 -2.30	65.12 -0.19 -3.26	49.02 -0.34 -1.49	38.08 -0.27 0.00	32.20 -0.23 0.00
HAMLTNNY_34_KV_TB 80303	39.03 0.04 0.00	34.05 -0.14 0.00	32.04 -0.13 0.00	31.98 -0.10 0.00	33.32 -0.13 0.00	38.43 -0.08 0.00	50.18 -0.05 0.00	46.78 0.00 0.00	38.53 0.04 -2.35	29.38 0.06 0.00	28.04 0.00 0.00	27.83 -0.06 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.81 -0.28 0.00	34.66 -0.39 0.00	45.57 -0.46 0.00	56.82 -0.33 -2.20	64.87 -0.31 -3.13	48.87 -0.43 -1.43	38.04 -0.31 0.00	32.17 -0.26 0.00

HAMPSHIRE___PAPER_HYD 323593	38.60 -0.39 0.00	33.88 -0.31 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.19 -0.27 0.00	38.39 -0.12 0.00	50.08 -0.15 0.00	45.89 -0.89 0.00	36.03 -1.12 -1.01	28.18 -1.14 0.00	26.81 -1.23 0.00	26.74 -1.14 0.00	25.29 -1.11 0.00	25.46 -1.17 0.00	25.39 -1.22 0.00	25.99 -1.17 0.00	29.92 -1.18 0.00	33.79 -1.26 0.00	44.88 -1.15 0.00	55.15 -0.72 -0.92	62.60 -0.74 -1.30	47.84 -0.62 -0.59	38.04 -0.31 0.00	32.14 -0.29 0.00
HARDSCRABBLE_WT_PWR 323673	39.11 0.12 0.00	34.36 0.17 0.00	32.36 0.19 0.00	32.30 0.23 0.00	33.72 0.27 0.00	38.93 0.42 0.00	50.63 0.40 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.32 -0.08 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.31 0.28 0.00	55.39 0.44 0.00	62.67 0.62 0.00	48.40 0.53 0.00	38.89 0.54 0.00	32.72 0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.51 1.52 0.00	35.73 1.54 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.79 1.34 0.00	40.08 1.58 0.00	52.44 2.21 0.00	48.74 1.96 0.00	37.66 1.52 0.00	30.67 1.35 0.00	29.47 1.43 0.00	29.39 1.51 -2.72	30.65 1.53 -3.17	31.37 1.57 -6.89	35.15 1.65 -6.51	35.33 1.66 -6.51	36.72 1.96 -3.67	46.81 2.42 -9.34	49.16 3.13 0.00	58.41 3.46 0.00	66.14 4.10 0.00	50.74 2.87 0.00	40.61 2.26 0.00	34.15 1.72 0.00
HARSNRAD_115KV_TB1 81005	37.16 -1.83 0.00	31.73 -2.46 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.69 -3.81 0.00	43.84 -5.58 0.81	42.05 -4.72 0.01	34.05 -2.93 -0.84	27.57 -1.76 0.00	26.36 -1.68 0.00	26.01 -1.87 0.00	24.31 -2.09 0.00	24.42 -2.21 0.00	24.17 -2.45 0.00	24.58 -2.58 0.00	27.78 -3.30 0.02	30.90 -4.14 0.02	36.23 -5.16 4.64	42.25 -5.82 6.87	53.53 -6.89 1.63	40.36 -5.60 1.91	34.15 -4.18 0.02	29.25 -3.18 0.00
HARZA MOOSE___RIVER 24016	39.53 0.55 0.00	34.67 0.48 0.00	32.62 0.45 0.00	32.52 0.45 0.00	33.99 0.54 0.00	39.27 0.77 0.00	51.49 1.26 0.00	47.39 0.61 0.00	37.27 0.07 -1.06	29.18 -0.15 0.00	27.76 -0.28 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.31 -0.32 0.00	26.24 -0.37 0.00	26.83 -0.33 0.00	30.82 -0.28 0.00	35.02 -0.04 0.00	46.49 0.46 0.00	56.88 1.04 -0.88	64.60 1.30 -1.25	49.25 0.81 -0.57	39.00 0.65 0.00	32.92 0.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.79 -0.19 0.00	33.92 -0.27 0.00	31.91 -0.26 0.00	31.82 -0.26 0.00	33.15 -0.30 0.00	38.23 -0.27 0.00	49.88 -0.35 0.00	46.54 -0.23 0.00	38.12 -0.14 -2.12	29.27 -0.06 0.00	27.96 -0.08 0.00	27.74 -0.14 0.00	26.24 -0.16 0.00	26.41 -0.21 0.00	26.38 -0.24 0.00	26.92 -0.24 0.00	30.79 -0.31 0.00	34.59 -0.46 0.00	45.43 -0.60 -1.49	55.89 -0.55 -2.12	63.61 -0.56 -0.97	48.21 -0.62 -0.97	37.89 -0.46 0.00	32.04 -0.39 0.00
HELLGATE_13_KV_LD 55870	40.70 1.72 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.55 1.48 0.00	34.99 1.54 0.00	40.12 1.62 0.00	52.44 2.21 0.00	48.88 2.11 0.00	37.98 1.84 0.00	31.23 1.91 0.00	30.03 1.99 0.00	29.97 2.09 0.00	29.67 2.09 -1.18	30.14 2.13 -1.38	31.82 2.21 -3.00	32.17 2.17 -2.83	35.15 2.46 -1.59	42.08 2.98 -4.05	49.62 3.59 0.00	58.52 3.57 0.00	66.26 4.22 0.00	50.98 3.11 0.00	40.84 2.49 0.00	34.34 1.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.70 1.72 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.55 1.48 0.00	34.99 1.54 0.00	40.12 1.62 0.00	52.44 2.21 0.00	48.88 2.11 0.00	37.98 1.84 0.00	31.23 1.91 0.00	30.03 1.99 0.00	29.97 2.09 0.00	29.67 2.09 -1.18	30.14 2.13 -1.38	31.82 2.21 -3.00	32.17 2.17 -2.83	35.15 2.46 -1.59	42.08 2.98 -4.05	49.62 3.59 0.00	58.52 3.57 0.00	66.26 4.22 0.00	50.98 3.11 0.00	40.84 2.49 0.00	34.34 1.91 0.00
HEMPSTEAD____ 23647	41.30 2.30 -0.01	36.24 2.05 0.00	33.77 1.61 0.00	33.71 1.63 0.00	35.29 1.84 0.00	40.58 2.08 0.00	52.50 2.26 0.00	48.93 2.15 0.00	37.69 1.55 0.00	30.64 1.32 0.01	29.73 1.68 0.00	29.61 1.73 0.00	29.32 1.74 -1.18	29.84 1.84 -1.38	31.49 1.89 -2.99	31.87 1.90 -2.81	35.33 2.64 -1.59	43.04 3.22 -4.76	52.33 3.96 -2.35	65.49 4.23 -6.31	67.08 5.02 -0.01	52.04 3.64 -0.53	48.58 2.99 -7.24	34.78 2.34 -0.01
HICKLING___1 23621	38.95 -0.04 0.00	33.50 -0.68 0.00	31.56 -0.61 0.00	31.53 -0.55 0.00	32.72 -0.74 0.00	37.08 -1.42 0.00	49.02 -0.65 0.56	45.04 -1.73 0.00	36.16 -1.05 -1.07	28.74 -0.59 0.00	27.43 -0.62 0.00	27.07 -0.81 0.00	25.40 -1.00 0.00	25.48 -1.14 0.00	25.31 -1.30 0.00	25.77 -1.39 0.00	29.37 -1.68 0.04	33.39 -1.61 0.04	41.63 -1.43 2.97	50.05 -1.04 3.85	60.52 -1.24 0.28	45.70 -1.29 0.87	36.66 -1.65 0.04	31.10 -1.33 0.00
HICKLING___2 23622	38.95 -0.04 0.00	33.50 -0.68 0.00	31.56 -0.61 0.00	31.53 -0.55 0.00	32.72 -0.74 0.00	37.08 -1.42 0.00	49.02 -0.65 0.56	45.04 -1.73 0.00	36.16 -1.05 -1.07	28.74 -0.59 0.00	27.43 -0.62 0.00	27.07 -0.81 0.00	25.40 -1.00 0.00	25.48 -1.14 0.00	25.31 -1.30 0.00	25.77 -1.39 0.00	29.37 -1.68 0.04	33.39 -1.61 0.04	41.63 -1.43 2.97	50.05 -1.04 3.85	60.52 -1.24 0.28	45.70 -1.29 0.87	36.66 -1.65 0.04	31.10 -1.33 0.00
HIGH FALLS___HY 23754	40.78 1.79 0.00	35.97 1.78 0.00	33.77 1.61 0.00	33.61 1.54 0.00	35.03 1.57 0.00	40.39 1.89 0.00	52.95 2.71 0.00	49.12 2.34 0.00	37.91 1.77 0.00	30.79 1.47 0.00	29.56 1.51 0.00	29.47 1.59 0.00	27.98 1.58 0.00	28.25 1.62 0.00	28.32 1.70 0.00	28.87 1.71 0.00	33.15 2.05 0.00	37.68 2.63 0.00	49.62 3.59 0.00	58.96 4.01 0.00	66.82 4.78 0.00	51.17 3.30 0.00	40.92 2.57 0.00	34.34 1.91 0.00
HIGH_RIVER___SOLAR 323847	40.35 1.36 0.00	35.42 1.23 0.00	33.29 1.13 0.00	33.20 1.12 0.00	34.69 1.24 0.00	39.93 1.43 0.00	52.09 1.86 0.00	48.37 1.59 0.00	36.36 0.22 0.00	29.30 -0.03 0.00	27.99 -0.06 0.00	27.83 -0.06 0.00	26.32 -0.08 0.00	26.57 -0.05 0.00	26.51 -0.11 0.00	27.16 0.00 0.00	31.72 0.62 0.00	36.17 1.12 0.00	47.59 1.57 0.00	57.15 2.20 0.00	64.53 2.48 0.00	49.73 1.86 0.00	39.81 1.46 0.00	33.60 1.17 0.00
HILLBURN___GT 23639	40.51 1.52 0.00	35.73 1.54 0.00	33.49 1.32 0.00	33.36 1.28 0.00	34.79 1.34 0.00	40.00 1.50 0.00	52.09 1.86 0.00	48.74 1.96 0.00	37.77 1.63 0.00	30.79 1.47 0.00	29.67 1.63 0.00	29.58 1.70 0.00	30.60 1.61 -2.59	31.30 1.65 -3.03	34.89 1.70 -6.57	35.10 1.74 -6.20	36.57 1.99 -3.49	46.44 2.49 -8.90	49.16 3.13 0.00	58.36 3.41 0.00	66.14 4.09 0.00	50.79 2.92 0.00	40.61 2.26 0.00	34.15 1.72 0.00
HILLSIDE_115KV_TB1 80332	38.44 -0.55 0.00	33.09 -1.09 0.00	31.17 -1.00 0.00	31.14 -0.93 0.00	32.28 -1.17 0.00	36.54 -1.96 0.00	48.56 -1.26 0.41	44.39 -2.39 0.00	35.73 -1.48 -1.07	28.42 -0.91 0.00	27.12 -0.93 0.00	26.79 -1.09 0.00	25.16 -1.24 0.00	25.24 -1.38 0.00	25.07 -1.54 0.00	25.53 -1.63 0.00	29.09 -1.96 0.05	33.07 -1.93 0.05	41.98 -1.89 2.16	50.66 -1.65 2.64	60.15 -1.92 -0.03	45.57 -1.77 0.53	36.15 -2.15 0.05	30.74 -1.69 0.00

HISHELDN_WT_PWR 323625	37.86 -1.13 0.00	32.38 -1.81 0.00	30.78 -1.38 0.00	30.60 -1.47 0.00	31.65 -1.81 0.00	35.69 -2.81 0.00	45.36 -3.16 1.71	43.02 -3.74 0.01	34.75 -2.28 -0.89	27.95 -1.38 0.00	26.64 -1.40 0.00	26.29 -1.59 0.00	25.11 -1.29 0.00	25.11 -1.52 0.00	25.02 -1.60 0.00	25.07 -2.09 0.00	28.28 -2.80 0.02	31.77 -3.26 0.02	32.99 -3.77 9.26	37.25 -4.01 13.69	54.21 -4.59 3.24	40.15 -3.92 3.80	35.03 -3.30 0.02	29.87 -2.56 0.00
HOLTSVILLE_IC_1 23690	41.65 2.65 -0.01	36.48 2.29 0.00	33.87 1.70 0.00	33.84 1.76 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.55 2.31 0.00	48.83 2.06 0.00	37.51 1.37 0.00	30.34 1.03 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.16 1.58 -1.18	29.71 1.71 -1.38	31.36 1.76 -2.99	31.76 1.79 -2.81	35.49 2.80 -1.59	43.14 3.54 -4.55	52.00 4.33 -1.65	67.05 4.67 -7.44	71.10 5.40 -3.66	52.26 4.02 -0.38	46.78 3.33 -5.09	35.06 2.63 -0.01
HOLTSVILLE_IC_10 23699	41.81 2.81 -0.01	36.62 2.43 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.63 2.17 0.00	41.00 2.50 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.62 1.48 0.00	30.43 1.11 0.01	29.61 1.57 0.00	29.47 1.59 0.00	29.27 1.69 -1.18	29.79 1.78 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.32 3.71 -4.55	52.29 4.60 -1.66	66.99 5.05 -6.99	70.96 5.83 -3.08	52.56 4.31 -0.38	47.04 3.57 -5.12	35.26 2.82 -0.01
HOLTSVILLE_IC_2 23691	41.65 2.65 -0.01	36.48 2.29 0.00	33.87 1.70 0.00	33.84 1.76 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.55 2.31 0.00	48.83 2.06 0.00	37.51 1.37 0.00	30.34 1.03 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.16 1.58 -1.18	29.71 1.71 -1.38	31.36 1.76 -2.99	31.76 1.79 -2.81	35.49 2.80 -1.59	43.14 3.54 -4.55	52.00 4.33 -1.65	67.05 4.67 -7.44	71.10 5.40 -3.66	52.26 4.02 -0.38	46.78 3.33 -5.09	35.06 2.63 -0.01
HOLTSVILLE_IC_3 23692	41.65 2.65 -0.01	36.48 2.29 0.00	33.87 1.70 0.00	33.84 1.76 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.55 2.31 0.00	48.83 2.06 0.00	37.51 1.37 0.00	30.34 1.03 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.16 1.58 -1.18	29.71 1.71 -1.38	31.36 1.76 -2.99	31.76 1.79 -2.81	35.49 2.80 -1.59	43.14 3.54 -4.55	52.00 4.33 -1.65	67.05 4.67 -7.44	71.10 5.40 -3.66	52.26 4.02 -0.38	46.78 3.33 -5.09	35.06 2.63 -0.01
HOLTSVILLE_IC_4 23693	41.65 2.65 -0.01	36.48 2.29 0.00	33.87 1.70 0.00	33.84 1.76 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.55 2.31 0.00	48.83 2.06 0.00	37.51 1.37 0.00	30.34 1.03 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.16 1.58 -1.18	29.71 1.71 -1.38	31.36 1.76 -2.99	31.76 1.79 -2.81	35.49 2.80 -1.59	43.14 3.54 -4.55	52.00 4.33 -1.65	67.05 4.67 -7.44	71.10 5.40 -3.66	52.26 4.02 -0.38	46.78 3.33 -5.09	35.06 2.63 -0.01
HOLTSVILLE_IC_5 23694	41.65 2.65 -0.01	36.48 2.29 0.00	33.87 1.70 0.00	33.84 1.76 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.55 2.31 0.00	48.83 2.06 0.00	37.51 1.37 0.00	30.34 1.03 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.16 1.58 -1.18	29.71 1.71 -1.38	31.36 1.76 -2.99	31.76 1.79 -2.81	35.49 2.80 -1.59	43.14 3.54 -4.55	52.00 4.33 -1.65	67.05 4.67 -7.44	71.10 5.40 -3.66	52.26 4.02 -0.38	46.78 3.33 -5.09	35.06 2.63 -0.01
HOLTSVILLE_IC_6 23695	41.81 2.81 -0.01	36.62 2.43 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.63 2.17 0.00	41.00 2.50 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.62 1.48 0.00	30.43 1.11 0.01	29.61 1.57 0.00	29.47 1.59 0.00	29.27 1.69 -1.18	29.79 1.78 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.32 3.71 -4.55	52.29 4.60 -1.66	66.99 5.05 -6.99	70.96 5.83 -3.08	52.56 4.31 -0.38	47.04 3.57 -5.12	35.26 2.82 -0.01
HOLTSVILLE_IC_7 23696	41.81 2.81 -0.01	36.62 2.43 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.63 2.17 0.00	41.00 2.50 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.62 1.48 0.00	30.43 1.11 0.01	29.61 1.57 0.00	29.47 1.59 0.00	29.27 1.69 -1.18	29.79 1.78 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.32 3.71 -4.55	52.29 4.60 -1.66	66.99 5.05 -6.99	70.96 5.83 -3.08	52.56 4.31 -0.38	47.04 3.57 -5.12	35.26 2.82 -0.01
HOLTSVILLE_IC_8 23697	41.81 2.81 -0.01	36.62 2.43 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.63 2.17 0.00	41.00 2.50 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.62 1.48 0.00	30.43 1.11 0.01	29.61 1.57 0.00	29.47 1.59 0.00	29.27 1.69 -1.18	29.79 1.78 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.32 3.71 -4.55	52.29 4.60 -1.66	66.99 5.05 -6.99	70.96 5.83 -3.08	52.56 4.31 -0.38	47.04 3.57 -5.12	35.26 2.82 -0.01
HOLTSVILLE_IC_9 23698	41.81 2.81 -0.01	36.62 2.43 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.63 2.17 0.00	41.00 2.50 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.62 1.48 0.00	30.43 1.11 0.01	29.61 1.57 0.00	29.47 1.59 0.00	29.27 1.69 -1.18	29.79 1.78 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.32 3.71 -4.55	52.29 4.60 -1.66	66.99 5.05 -6.99	70.96 5.83 -3.08	52.56 4.31 -0.38	47.04 3.57 -5.12	35.26 2.82 -0.01
HOMER_HL_115KV_TB2 355744	37.97 -1.01 0.00	32.51 -1.68 0.00	30.69 -1.48 0.00	30.66 -1.41 0.00	31.72 -1.74 0.00	35.65 -2.85 0.00	48.27 -0.95 1.01	43.21 -3.56 0.01	34.89 -2.13 -0.88	28.01 -1.32 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	24.74 -1.66 0.00	24.82 -1.81 0.00	24.62 -2.00 0.00	25.04 -2.12 0.00	28.62 -2.46 0.02	33.06 -1.96 0.02	39.42 -1.47 5.14	46.16 -1.21 7.58	58.20 -2.05 1.80	44.28 -1.48 2.10	35.53 -2.80 0.02	30.00 -2.43 0.00
HOWARD_WT_PWR 323690	38.79 -0.19 0.00	33.34 -0.85 0.00	31.62 -0.55 0.00	31.46 -0.61 0.00	32.62 -0.84 0.00	37.15 -1.35 0.00	52.64 -1.06 -3.46	44.98 -1.83 -0.03	36.04 -1.16 -1.06	28.62 -0.70 0.00	27.23 -0.81 0.00	26.85 -1.03 0.00	25.58 -0.82 0.00	25.56 -1.07 0.00	25.47 -1.14 0.00	25.58 -1.58 0.00	29.01 -2.05 0.03	32.92 -2.10 0.03	63.15 -1.98 -19.10	82.14 -1.54 -28.73	67.64 -1.74 -7.33	54.08 -1.92 -8.13	36.25 -2.07 0.03	30.71 -1.72 0.00
HQ_GEN_CEDARS 23644	39.07 0.08 0.00	34.26 0.07 0.00	32.20 0.03 0.00	32.11 0.03 0.00	33.56 0.10 0.00	38.66 0.15 0.00	50.43 0.20 0.00	46.78 0.00 0.00	36.07 -0.07 0.00	29.21 -0.12 0.00	27.82 -0.22 0.00	27.71 -0.17 0.00	26.24 -0.16 0.00	26.44 -0.19 0.00	26.43 -0.19 0.00	27.00 -0.16 0.00	30.94 -0.16 0.00	34.91 -0.14 0.00	45.98 -0.05 0.00	54.95 0.00 0.00	61.98 -0.06 0.00	48.06 0.19 0.00	38.47 0.12 0.00	32.56 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	39.07 0.08 0.00	34.26 0.07 0.00	32.20 0.03 0.00	32.11 0.03 0.00	33.56 0.10 0.00	38.66 0.15 0.00	50.49 0.25 0.00	46.78 0.00 0.00	36.07 -0.07 0.00	29.18 -0.15 0.00	27.82 -0.23 0.00	27.71 -0.17 0.00	26.22 -0.18 0.00	26.44 -0.19 0.00	26.43 -0.19 0.00	27.00 -0.16 0.00	31.00 -0.09 0.00	34.91 -0.14 0.00	45.98 -0.05 0.00	54.95 0.00 0.00	61.98 -0.06 0.00	48.06 0.19 0.00	38.47 0.12 0.00	32.56 0.13 0.00

HQ_GEN_CHPE_PROXY 323851	40.55 1.56 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.86 1.40 0.00	40.05 1.54 0.00	52.14 1.91 0.00	48.83 2.06 0.00	37.91 1.77 0.00	31.03 1.70 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.61 2.00 -3.00	31.96 1.98 -2.82	34.92 2.24 -1.59	41.87 2.77 -4.05	49.48 3.45 0.00	58.57 3.63 0.00	66.32 4.28 0.00	50.93 3.07 0.00	40.81 2.46 0.00	34.28 1.85 0.00
HQ_GEN_IMPORT 323601	39.03 0.04 0.00	34.22 0.03 0.00	32.20 0.03 0.00	32.11 0.03 0.00	33.52 0.07 0.00	38.58 0.08 0.00	50.33 0.10 0.00	46.83 0.05 0.00	36.18 0.04 0.00	29.33 0.00 0.00	28.04 0.00 0.00	27.88 0.00 0.00	26.40 0.00 0.00	26.60 -0.03 0.00	26.59 -0.03 0.00	27.13 -0.03 0.00	31.10 0.00 0.00	35.05 0.00 0.00	46.07 0.05 0.00	55.00 0.06 0.00	62.05 0.00 0.00	47.96 0.10 0.00	38.39 0.04 0.00	32.49 0.06 0.00
HQ_GEN_WHEEL 23651	39.03 0.04 0.00	34.22 0.03 0.00	32.20 0.03 0.00	32.11 0.03 0.00	33.52 0.07 0.00	38.58 0.08 0.00	50.33 0.10 0.00	46.83 0.05 0.00	36.18 0.04 0.00	29.33 0.00 0.00	28.04 0.00 0.00	27.88 0.00 0.00	26.40 0.00 0.00	26.60 -0.03 0.00	26.59 -0.03 0.00	27.13 -0.03 0.00	31.10 0.00 0.00	35.05 0.00 0.00	46.07 0.05 0.00	55.00 0.06 0.00	62.05 0.00 0.00	47.96 0.10 0.00	38.39 0.04 0.00	32.49 0.06 0.00
HUDSON_AVE_GT_3 23810	40.66 1.68 0.00	35.90 1.71 0.00	33.68 1.51 0.00	33.49 1.41 0.00	34.96 1.51 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.98 2.20 0.00	38.02 1.88 0.00	31.14 1.82 0.00	30.01 1.96 0.00	29.92 2.04 0.00	29.62 2.03 -1.18	30.09 2.08 -1.38	31.74 2.13 -3.00	32.09 2.09 -2.84	35.09 2.39 -1.60	42.01 2.91 -4.05	49.66 3.64 0.00	58.74 3.79 0.00	66.57 4.53 0.00	51.12 3.26 0.00	40.92 2.57 0.00	34.38 1.95 0.00
HUDSON_AVE_GT_4 23540	40.66 1.68 0.00	35.90 1.71 0.00	33.68 1.51 0.00	33.49 1.41 0.00	34.96 1.51 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.98 2.20 0.00	38.02 1.88 0.00	31.14 1.82 0.00	30.01 1.96 0.00	29.92 2.04 0.00	29.62 2.03 -1.18	30.09 2.08 -1.38	31.74 2.13 -3.00	32.09 2.09 -2.84	35.09 2.39 -1.60	42.01 2.91 -4.05	49.66 3.64 0.00	58.74 3.79 0.00	66.57 4.53 0.00	51.12 3.26 0.00	40.92 2.57 0.00	34.38 1.95 0.00
HUDSON_AVE_GT_5 23657	40.66 1.68 0.00	35.90 1.71 0.00	33.68 1.51 0.00	33.49 1.41 0.00	34.96 1.51 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.98 2.20 0.00	38.02 1.88 0.00	31.14 1.82 0.00	30.01 1.96 0.00	29.92 2.04 0.00	29.62 2.03 -1.18	30.09 2.08 -1.38	31.74 2.13 -3.00	32.09 2.09 -2.84	35.09 2.39 -1.60	42.01 2.91 -4.05	49.66 3.64 0.00	58.74 3.79 0.00	66.57 4.53 0.00	51.12 3.26 0.00	40.92 2.57 0.00	34.38 1.95 0.00
HUDSON_AVE_10 24168	40.41 1.44 0.02	35.76 1.57 0.00	33.55 1.38 0.00	33.36 1.28 0.00	34.83 1.37 0.00	40.08 1.58 0.00	52.54 2.31 0.00	48.93 2.15 0.00	37.98 1.84 0.00	31.14 1.82 0.00	30.01 1.96 0.00	29.92 2.04 0.00	29.62 2.03 -1.18	30.06 2.05 -1.38	31.72 2.10 -3.00	32.09 2.09 -2.84	35.06 2.36 -1.60	42.01 2.91 -4.05	49.66 3.64 0.00	58.74 3.79 0.00	66.51 4.47 0.00	51.12 3.26 0.00	40.88 2.53 0.00	34.28 1.85 0.00
HUDSON___115KV_TB 4 355613	40.27 1.29 0.00	35.42 1.23 0.00	33.36 1.19 0.00	33.23 1.15 0.00	34.66 1.20 0.00	39.93 1.42 0.00	52.09 1.86 0.00	48.28 1.50 0.00	36.83 0.69 0.00	29.65 0.32 0.00	28.35 0.31 0.00	28.22 0.33 0.00	26.74 0.34 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.68 0.52 0.00	31.81 0.72 0.00	36.14 1.09 0.00	47.55 1.52 0.00	57.04 2.09 0.00	64.34 2.30 0.00	49.64 1.77 0.00	39.69 1.34 0.00	33.53 1.10 0.00
HUNTER MOUNT___DRP 323613	40.47 1.48 0.00	35.59 1.40 0.00	33.52 1.35 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.16 1.66 0.00	52.39 2.16 0.00	48.46 1.68 0.00	36.90 0.76 0.00	29.65 0.32 0.00	28.32 0.28 0.00	28.19 0.31 0.00	26.72 0.32 0.00	27.00 0.37 0.00	27.07 0.45 0.00	27.68 0.52 0.00	31.84 0.75 0.00	36.21 1.16 0.00	47.73 1.70 0.00	57.26 2.31 0.00	64.65 2.61 0.00	49.83 1.96 0.00	39.85 1.50 0.00	33.66 1.23 0.00
HUNTINGTON_RES_REC 323705	41.49 2.50 -0.01	36.34 2.16 0.00	33.77 1.61 0.00	33.74 1.67 0.00	35.36 1.91 0.00	40.70 2.19 0.00	52.39 2.16 0.00	48.74 1.96 0.00	37.41 1.26 0.00	30.28 0.97 0.01	29.44 1.40 0.00	29.30 1.42 0.00	29.08 1.50 -1.18	29.63 1.62 -1.38	31.28 1.68 -2.99	31.68 1.71 -2.81	35.42 2.74 -1.59	43.04 3.44 -4.55	51.84 4.14 -1.66	63.84 4.40 -4.50	67.20 5.15 -0.01	52.08 3.83 -0.38	46.74 3.26 -5.13	34.97 2.53 -0.01
HUNTLEY___63 23557	37.78 -1.21 0.00	32.24 -1.95 0.00	30.37 -1.80 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.27 -3.23 0.00	44.99 -4.32 0.92	42.75 -4.02 0.01	34.60 -2.39 -0.84	27.98 -1.35 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	24.68 -1.72 0.00	24.79 -1.84 0.00	24.54 -2.08 0.00	24.96 -2.20 0.00	28.22 -2.86 0.02	31.60 -3.43 0.02	36.96 -4.10 4.97	43.10 -4.51 7.34	54.85 -5.46 1.74	41.28 -4.55 2.04	34.77 -3.57 0.02	29.67 -2.76 0.00
HUNTLEY___64 23558	37.78 -1.21 0.00	32.24 -1.95 0.00	30.37 -1.80 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.27 -3.23 0.00	44.99 -4.32 0.92	42.75 -4.02 0.01	34.60 -2.39 -0.84	27.98 -1.35 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	24.68 -1.72 0.00	24.79 -1.84 0.00	24.54 -2.08 0.00	24.96 -2.20 0.00	28.22 -2.86 0.02	31.60 -3.43 0.02	36.96 -4.10 4.97	43.10 -4.51 7.34	54.85 -5.46 1.74	41.28 -4.55 2.04	34.77 -3.57 0.02	29.67 -2.76 0.00
HUNTLEY___65 23559	37.78 -1.21 0.00	32.24 -1.95 0.00	30.37 -1.80 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.27 -3.23 0.00	44.99 -4.32 0.92	42.75 -4.02 0.01	34.60 -2.39 -0.84	27.98 -1.35 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	24.68 -1.72 0.00	24.79 -1.84 0.00	24.54 -2.08 0.00	24.96 -2.20 0.00	28.22 -2.86 0.02	31.60 -3.43 0.02	36.96 -4.10 4.97	43.10 -4.51 7.34	54.85 -5.46 1.74	41.28 -4.55 2.04	34.77 -3.57 0.02	29.67 -2.76 0.00
HUNTLEY___66 23560	37.78 -1.21 0.00	32.24 -1.95 0.00	30.37 -1.80 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.27 -3.23 0.00	44.99 -4.32 0.92	42.75 -4.02 0.01	34.60 -2.39 -0.84	27.98 -1.35 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	24.68 -1.72 0.00	24.79 -1.84 0.00	24.54 -2.08 0.00	24.96 -2.20 0.00	28.22 -2.86 0.02	31.60 -3.43 0.02	36.96 -4.10 4.97	43.10 -4.51 7.34	54.85 -5.46 1.74	41.28 -4.55 2.04	34.77 -3.57 0.02	29.67 -2.76 0.00
HUNTLEY___67 23561	37.47 -1.52 0.00	32.00 -2.19 0.00	30.14 -2.03 0.00	30.15 -1.92 0.00	31.25 -2.21 0.00	34.96 -3.54 0.00	44.36 -4.82 1.06	42.42 -4.35 0.01	34.34 -2.64 -0.84	27.80 -1.52 0.00	26.58 -1.46 0.00	26.24 -1.64 0.00	24.53 -1.87 0.00	24.63 -2.00 0.00	24.38 -2.24 0.00	24.82 -2.34 0.00	28.06 -3.02 0.02	31.32 -3.72 0.02	35.69 -4.65 5.69	41.35 -5.22 8.38	53.85 -6.20 1.99	40.51 -5.03 2.33	34.46 -3.87 0.02	29.48 -2.95 0.00

HUNTLEY___68 23562	37.47 -1.52 0.00	32.00 -2.19 0.00	30.14 -2.03 0.00	30.15 -1.92 0.00	31.25 -2.21 0.00	34.96 -3.54 0.00	44.36 -4.82 1.06	42.42 -4.35 0.01	34.34 -2.64 -0.84	27.80 -1.52 0.00	26.58 -1.46 0.00	26.24 -1.64 0.00	24.53 -1.87 0.00	24.63 -2.00 0.00	24.38 -2.24 0.00	24.82 -2.34 0.00	28.06 -3.02 0.02	31.32 -3.72 0.02	35.69 -4.65 5.69	41.35 -5.22 8.38	53.85 -6.20 1.99	40.51 -5.03 2.33	34.46 -3.87 0.02	29.48 -2.95 0.00
HYLAND___LFGE 323620	40.00 1.01 0.00	34.26 0.07 0.00	32.52 0.35 0.00	32.39 0.32 0.00	33.66 0.20 0.00	38.70 0.19 0.00	54.57 0.91 -3.43	46.62 -0.19 -0.03	36.79 -0.29 -0.94	29.03 -0.29 0.00	27.51 -0.53 0.00	27.05 -0.84 0.00	25.66 -0.74 0.00	25.72 -0.91 0.00	25.71 -0.91 0.00	26.05 -1.11 0.00	29.68 -1.40 0.02	33.59 -1.44 0.02	63.96 -0.92 -18.85	82.85 0.00 -27.90	69.02 0.37 -6.60	55.41 -0.19 -7.73	37.98 -0.35 0.02	32.07 -0.36 0.00
INDECK___CORINTH 23802	40.66 1.68 0.00	35.73 1.54 0.00	33.65 1.48 0.00	33.55 1.48 0.00	35.13 1.67 0.00	40.39 1.89 0.00	52.74 2.51 0.00	49.02 2.25 0.00	37.37 1.23 0.00	30.06 0.73 0.00	28.49 0.45 0.00	28.30 0.42 0.00	26.72 0.32 0.00	26.92 0.29 0.00	26.94 0.32 0.00	27.67 0.51 0.00	31.81 0.72 0.00	36.24 1.19 0.00	47.73 1.70 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.17 2.30 0.00	40.00 1.65 0.00	33.92 1.49 0.00
INDECK___ILION 23567	39.18 0.19 0.00	34.43 0.24 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	39.00 0.50 0.00	50.69 0.45 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.30 0.28 0.00	55.44 0.49 0.00	62.73 0.68 0.00	48.39 0.53 0.00	38.97 0.61 0.00	32.79 0.36 0.00
INDECK___OLEAN 23982	37.97 -1.01 0.00	32.51 -1.67 0.00	30.88 -1.29 0.00	30.73 -1.35 0.00	31.71 -1.74 0.00	35.81 -2.70 0.00	46.21 -3.01 1.01	43.21 -3.56 0.01	35.03 -1.99 -0.88	28.09 -1.23 0.00	26.81 -1.23 0.00	26.43 -1.45 0.00	25.13 -1.27 0.00	25.14 -1.49 0.00	25.07 -1.54 0.00	25.18 -1.98 0.00	28.40 -2.67 0.02	32.99 -2.03 0.02	39.42 -1.47 5.14	46.16 -1.21 7.58	58.20 -2.05 1.80	44.28 -1.48 2.10	35.53 -2.80 0.02	30.00 -2.43 0.00
INDECK___OSWEGO 23783	38.21 -0.78 0.00	33.44 -0.75 0.00	31.49 -0.68 0.00	31.40 -0.68 0.00	32.72 -0.74 0.00	37.69 -0.81 0.00	49.28 -0.96 0.00	45.79 -0.98 0.00	39.46 -0.65 -3.97	28.83 -0.50 0.00	27.57 -0.48 0.00	27.35 -0.53 0.00	25.93 -0.47 0.00	26.09 -0.53 0.00	26.06 -0.56 0.00	26.59 -0.57 0.00	30.38 -0.71 0.00	34.07 -0.98 0.00	44.69 -1.34 0.00	58.46 -1.43 -4.94	67.52 -1.55 -7.02	49.74 -1.34 -3.21	37.32 -1.03 0.00	31.59 -0.84 0.00
INDECK___YERKES 23781	37.78 -1.21 0.00	32.24 -1.95 0.00	30.72 -1.45 0.00	30.50 -1.57 0.00	31.51 -1.94 0.00	35.50 -3.00 0.00	45.85 -3.47 0.92	42.79 -3.98 0.01	34.74 -2.24 -0.84	28.09 -1.23 0.00	26.81 -1.23 0.00	26.43 -1.45 0.00	25.24 -1.16 0.00	25.27 -1.36 0.00	25.15 -1.46 0.00	25.12 -2.04 0.00	28.31 -2.77 0.02	31.60 -3.43 0.02	36.96 -4.10 4.97	43.11 -4.50 7.34	54.97 -5.34 1.74	41.28 -4.55 2.04	34.77 -3.57 0.02	29.67 -2.76 0.00
INDIAN POINT_GT_1 24139	40.51 1.52 0.00	35.73 1.54 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.04 1.54 0.00	52.44 2.21 0.00	48.74 1.96 0.00	37.73 1.59 0.00	30.79 1.47 0.00	29.61 1.57 0.00	29.53 1.64 0.00	29.26 1.66 -1.19	29.73 1.70 -1.39	31.42 1.78 -3.03	31.79 1.77 -2.86	34.76 2.05 -1.61	41.70 2.56 -4.09	49.25 3.22 0.00	58.41 3.46 0.00	66.14 4.10 0.00	50.79 2.92 0.00	40.69 2.34 0.00	34.15 1.72 0.00
INDIAN POINT_GT_2 23659	40.51 1.52 0.00	35.73 1.54 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.04 1.54 0.00	52.44 2.21 0.00	48.74 1.96 0.00	37.73 1.59 0.00	30.79 1.47 0.00	29.61 1.57 0.00	29.53 1.64 0.00	29.26 1.66 -1.19	29.73 1.70 -1.39	31.42 1.78 -3.03	31.79 1.77 -2.86	34.76 2.05 -1.61	41.70 2.56 -4.09	49.25 3.22 0.00	58.41 3.46 0.00	66.14 4.10 0.00	50.79 2.92 0.00	40.69 2.34 0.00	34.15 1.72 0.00
INDIAN POINT_GT_3 24019	40.51 1.52 0.00	35.73 1.54 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.04 1.54 0.00	52.44 2.21 0.00	48.74 1.96 0.00	37.73 1.59 0.00	30.79 1.47 0.00	29.61 1.57 0.00	29.53 1.64 0.00	29.26 1.66 -1.19	29.73 1.70 -1.39	31.42 1.78 -3.03	31.79 1.77 -2.86	34.76 2.05 -1.61	41.70 2.56 -4.09	49.25 3.22 0.00	58.41 3.46 0.00	66.14 4.10 0.00	50.79 2.92 0.00	40.69 2.34 0.00	34.15 1.72 0.00
INDIAN POINT___2 23530	40.47 1.48 0.00	35.69 1.50 0.00	33.45 1.29 0.00	33.29 1.22 0.00	34.76 1.30 0.00	39.93 1.43 0.00	52.04 1.81 0.00	48.65 1.87 0.00	37.69 1.55 0.00	30.76 1.44 0.00	29.67 1.63 0.00	29.55 1.67 0.00	29.68 1.61 -1.67	30.23 1.65 -1.95	32.55 1.70 -4.23	32.89 1.74 -3.99	35.30 1.96 -2.24	43.27 2.49 -5.73	49.11 3.08 0.00	58.30 3.35 0.00	66.02 3.97 0.00	50.69 2.82 0.00	40.58 2.22 0.00	34.11 1.69 0.00
INDIAN POINT___3 23531	40.47 1.48 0.00	35.69 1.50 0.00	33.49 1.32 0.00	33.32 1.25 0.00	34.76 1.30 0.00	39.97 1.46 0.00	52.29 2.06 0.00	48.65 1.87 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.58 1.54 0.00	29.47 1.59 0.00	29.40 1.61 -1.39	29.90 1.65 -1.63	31.87 1.73 -3.53	32.21 1.71 -3.34	34.96 1.99 -1.88	42.27 2.45 -4.77	49.11 3.08 0.00	58.25 3.30 0.00	66.02 3.97 0.00	50.69 2.82 0.00	40.58 2.22 0.00	34.12 1.69 0.00
INDIANHDD_69_KV_BK1 55831	41.65 2.65 -0.01	36.45 2.26 0.00	33.90 1.74 0.00	33.87 1.80 0.00	35.46 2.01 0.00	40.85 2.35 0.00	53.00 2.76 0.00	48.88 2.11 0.00	37.48 1.34 0.00	30.34 1.03 0.01	29.44 1.40 0.00	29.27 1.39 0.00	29.19 1.61 -1.18	29.71 1.70 -1.38	31.41 1.81 -2.99	31.78 1.79 -2.83	35.59 2.89 -1.60	43.18 3.58 -4.55	52.06 4.37 -1.66	64.50 4.67 -4.88	67.99 5.46 -0.49	52.31 4.07 -0.38	46.89 3.41 -5.13	35.10 2.66 -0.01
INGHAM_C_115KV_TB7 356103	39.18 0.19 0.00	34.43 0.24 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	39.00 0.50 0.00	50.69 0.45 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.30 0.28 0.00	55.44 0.49 0.00	62.73 0.68 0.00	48.39 0.53 0.00	38.97 0.61 0.00	32.79 0.36 0.00
IP CORINTH___1 23988	40.66 1.68 0.00	35.73 1.54 0.00	33.71 1.54 0.00	33.55 1.48 0.00	35.13 1.67 0.00	40.47 1.96 0.00	52.95 2.71 0.00	49.02 2.25 0.00	37.41 1.26 0.00	30.06 0.73 0.00	28.49 0.45 0.00	28.33 0.45 0.00	26.80 0.40 0.00	27.00 0.37 0.00	27.04 0.43 0.00	27.73 0.57 0.00	31.84 0.75 0.00	36.24 1.19 0.00	47.78 1.75 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.17 2.30 0.00	40.00 1.65 0.00	33.92 1.49 0.00

IP__TICONDEROGA 23804	41.48 2.50 0.00	36.45 2.26 0.00	34.32 2.16 0.00	34.13 2.05 0.00	35.83 2.38 0.00	41.35 2.85 0.00	54.25 4.02 0.00	49.82 3.04 0.00	37.62 1.48 0.00	30.12 0.79 0.00	28.49 0.45 0.00	28.30 0.42 0.00	26.74 0.34 0.00	26.95 0.32 0.00	26.99 0.37 0.00	27.76 0.60 0.00	31.94 0.84 0.00	36.56 1.51 0.00	48.37 2.35 0.00	59.02 4.07 0.00	66.70 4.65 0.00	51.36 3.49 0.00	40.84 2.49 0.00	34.50 2.08 0.00
ISLIP_RES_REC 323679	41.96 2.96 -0.01	36.72 2.53 0.00	34.10 1.93 0.00	34.10 2.02 0.00	35.76 2.31 0.00	41.12 2.62 0.00	52.99 2.76 0.00	49.21 2.43 0.00	37.77 1.63 0.00	30.52 1.20 0.01	29.70 1.65 0.00	29.55 1.67 0.00	29.35 1.77 -1.18	29.89 1.89 -1.38	31.55 1.94 -2.99	31.95 1.98 -2.81	35.77 3.08 -1.59	43.46 3.86 -4.55	52.53 4.83 -1.67	67.24 5.33 -6.97	71.21 6.14 -3.02	52.80 4.55 -0.38	47.21 3.72 -5.14	35.36 2.92 -0.01
JAMAICA__27_KV_LOAD 355505	40.53 1.56 0.02	35.93 1.74 0.00	33.68 1.51 0.00	33.52 1.44 0.00	34.96 1.51 0.00	40.31 1.81 0.00	53.00 2.76 0.00	49.40 2.62 0.00	38.35 2.20 0.00	31.47 2.14 -0.01	30.31 2.27 0.00	30.22 2.34 0.00	29.91 2.32 -1.18	30.35 2.34 -1.38	32.01 2.40 -3.00	32.39 2.39 -2.84	35.40 2.71 -1.60	42.43 3.33 -4.05	50.22 4.19 0.00	59.40 4.45 0.00	67.13 5.09 0.00	51.65 3.78 0.00	41.23 2.88 0.00	34.47 2.04 0.00
JANIS__SOLAR 323808	40.78 1.79 0.00	35.62 1.44 0.00	33.58 1.41 0.00	33.42 1.35 0.00	34.89 1.44 0.00	40.31 1.81 0.00	52.99 2.76 0.00	48.79 2.01 0.00	38.46 1.05 -1.27	29.85 0.53 0.00	28.24 0.20 0.00	28.05 0.17 0.00	26.56 0.16 0.00	26.71 0.08 0.00	26.64 0.03 0.00	27.27 0.11 0.00	31.41 0.31 0.00	35.82 0.77 0.00	47.73 1.70 0.00	58.62 2.64 -1.03	66.61 3.10 -1.47	50.50 1.96 -0.67	39.73 1.38 0.00	33.47 1.04 0.00
JARVIS____ 23743	39.03 0.04 0.00	34.26 0.07 0.00	32.23 0.06 0.00	32.14 0.06 0.00	33.52 0.07 0.00	38.58 0.08 0.00	50.28 0.05 0.00	46.87 0.09 0.00	36.18 0.04 0.00	29.33 0.00 0.00	28.07 0.03 0.00	27.91 0.03 0.00	26.43 0.03 0.00	26.65 0.03 0.00	26.64 0.03 0.00	27.19 0.03 0.00	31.16 0.06 0.00	35.16 0.11 0.00	46.17 0.14 0.00	55.11 0.17 0.00	62.17 0.12 0.00	47.96 0.10 0.00	38.43 0.08 0.00	32.49 0.06 0.00
JENNISON__1 23625	41.13 2.14 0.00	36.07 1.88 0.00	33.90 1.74 0.00	33.81 1.73 0.00	35.30 1.84 0.00	40.70 2.19 0.00	53.55 3.32 0.00	49.35 2.57 0.00	38.63 1.55 -0.94	30.41 1.09 0.00	28.88 0.84 0.00	28.80 0.92 0.00	26.96 0.82 0.25	27.08 0.75 0.30	26.59 0.61 0.64	27.26 0.71 0.61	31.73 0.96 0.33	35.73 1.54 0.86	48.24 2.21 0.00	58.66 2.97 -0.75	66.52 3.41 -1.06	50.60 2.25 -0.48	39.86 1.50 -0.01	33.50 1.07 0.00
JENNISON__2 23626	41.13 2.14 0.00	36.07 1.88 0.00	33.90 1.74 0.00	33.81 1.73 0.00	35.30 1.84 0.00	40.70 2.19 0.00	53.55 3.32 0.00	49.35 2.57 0.00	38.63 1.55 -0.94	30.41 1.09 0.00	28.88 0.84 0.00	28.80 0.92 0.00	26.96 0.82 0.25	27.08 0.75 0.30	26.59 0.61 0.64	27.26 0.71 0.61	31.73 0.96 0.33	35.73 1.54 0.86	48.24 2.21 0.00	58.66 2.97 -0.75	66.52 3.41 -1.06	50.60 2.25 -0.48	39.86 1.50 -0.01	33.50 1.07 0.00
JERICHO_RISE_WT_PWR 323719	38.83 -0.16 0.00	34.05 -0.14 0.00	32.04 -0.13 0.00	31.95 -0.13 0.00	33.39 -0.07 0.00	38.47 -0.04 0.00	50.28 0.05 0.00	46.68 -0.09 0.00	36.03 -0.11 0.00	29.21 -0.12 0.00	27.82 -0.23 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.36 -0.27 0.00	26.35 -0.27 0.00	26.91 -0.24 0.00	30.91 -0.19 0.00	34.88 -0.17 0.00	45.89 -0.14 0.00	54.89 -0.05 0.00	61.98 -0.06 0.00	47.96 0.10 0.00	38.35 0.00 0.00	32.46 0.03 0.00
KATONAH__115KV_46KV_TB4 355592	40.63 1.64 0.00	35.83 1.64 0.00	33.61 1.45 0.00	33.49 1.41 0.00	34.89 1.44 0.00	40.20 1.69 0.00	52.75 2.51 0.00	48.88 2.11 0.00	37.77 1.63 0.00	30.79 1.47 0.00	29.64 1.60 0.00	29.53 1.64 0.00	28.89 1.66 -0.83	29.30 1.70 -0.97	30.50 1.78 -2.10	30.94 1.79 -1.99	34.30 2.08 -1.12	40.24 2.59 -2.60	49.34 3.31 0.00	58.52 3.57 0.00	66.26 4.22 0.00	50.88 3.02 0.00	40.77 2.42 0.00	34.21 1.78 0.00
KCE_NY_1 323755	40.63 1.64 0.00	35.73 1.54 0.00	33.58 1.41 0.00	33.52 1.44 0.00	35.03 1.57 0.00	40.28 1.77 0.00	52.44 2.21 0.00	48.83 2.06 0.00	37.33 1.19 0.00	30.03 0.70 0.00	28.66 0.62 0.00	28.49 0.61 0.00	26.93 0.53 0.00	27.19 0.56 0.00	27.20 0.58 0.00	27.92 0.76 0.00	32.06 0.97 0.00	36.49 1.44 0.00	48.01 1.98 0.00	57.70 2.75 0.00	65.09 3.04 0.00	50.31 2.44 0.00	40.15 1.80 0.00	33.95 1.52 0.00
KCE_NY_6_ESR 323823	37.74 -1.25 0.00	32.27 -1.91 0.00	30.69 -1.48 0.00	30.50 -1.57 0.00	31.51 -1.94 0.00	35.46 -3.04 0.00	45.69 -3.47 1.08	42.75 -4.02 0.01	34.72 -2.28 -0.85	28.04 -1.29 0.00	26.75 -1.29 0.00	26.37 -1.51 0.00	25.19 -1.21 0.00	25.22 -1.41 0.00	25.10 -1.52 0.00	25.09 -2.07 0.00	28.28 -2.80 0.02	31.77 -3.26 0.02	36.73 -3.77 5.53	42.68 -4.12 8.15	55.15 -4.97 1.93	41.44 -4.16 2.27	34.80 -3.53 0.02	29.67 -2.76 0.00
KEDC_PORT_JEFF_GT2 24210	41.77 2.77 -0.01	36.58 2.39 0.00	33.97 1.80 0.00	33.93 1.86 0.00	35.60 2.14 0.00	40.93 2.43 0.00	52.74 2.51 0.00	48.98 2.20 0.00	37.59 1.45 0.00	30.40 1.09 0.01	29.58 1.54 0.00	29.44 1.56 0.00	29.24 1.66 -1.18	29.76 1.76 -1.38	31.44 1.84 -2.99	31.84 1.87 -2.81	35.61 2.92 -1.59	43.28 3.68 -4.55	52.24 4.56 -1.66	66.76 4.95 -6.87	70.69 5.70 -2.94	52.50 4.26 -0.38	46.99 3.53 -5.11	35.19 2.75 -0.01
KEDC_PORT_JEFF_GT3 24211	41.77 2.77 -0.01	36.58 2.39 0.00	33.97 1.80 0.00	33.93 1.86 0.00	35.60 2.14 0.00	40.93 2.43 0.00	52.74 2.51 0.00	48.98 2.20 0.00	37.59 1.45 0.00	30.40 1.09 0.01	29.58 1.54 0.00	29.44 1.56 0.00	29.24 1.66 -1.18	29.76 1.76 -1.38	31.44 1.84 -2.99	31.84 1.87 -2.81	35.61 2.92 -1.59	43.28 3.68 -4.55	52.24 4.56 -1.66	66.76 4.95 -6.87	70.69 5.70 -2.94	52.50 4.26 -0.38	46.99 3.53 -5.11	35.19 2.75 -0.01
KEDC_GLWD_GT4 24219	41.14 2.14 -0.01	36.17 1.98 0.00	33.77 1.61 0.00	33.68 1.60 0.00	35.23 1.77 0.00	40.50 2.00 0.00	52.50 2.26 0.00	49.02 2.25 0.00	37.84 1.70 0.00	30.82 1.49 0.00	29.84 1.80 0.00	29.75 1.87 0.00	29.43 1.85 -1.18	29.92 1.92 -1.38	31.57 1.97 -2.99	31.95 1.98 -2.81	35.24 2.55 -1.59	43.02 3.12 -4.85	52.53 3.87 -2.63	66.22 4.17 -7.10	66.96 4.90 -0.01	52.06 3.59 -0.60	49.35 2.88 -8.12	34.68 2.24 -0.01
KEDC_GLWD_GT5 24220	41.14 2.14 -0.01	36.17 1.98 0.00	33.77 1.61 0.00	33.68 1.60 0.00	35.23 1.77 0.00	40.50 2.00 0.00	52.50 2.26 0.00	49.02 2.25 0.00	37.84 1.70 0.00	30.82 1.49 0.00	29.84 1.80 0.00	29.75 1.87 0.00	29.43 1.85 -1.18	29.92 1.92 -1.38	31.57 1.97 -2.99	31.95 1.98 -2.81	35.24 2.55 -1.59	43.02 3.12 -4.85	52.53 3.87 -2.63	66.22 4.17 -7.10	66.96 4.90 -0.01	52.06 3.59 -0.60	49.35 2.88 -8.12	34.68 2.24 -0.01

KENSICO____ 23655	40.55 1.56 0.00	35.76 1.57 0.00	33.55 1.38 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.08 1.58 0.00	52.44 2.21 0.00	48.79 2.01 0.00	37.77 1.63 0.00	30.85 1.52 0.00	29.70 1.65 0.00	29.58 1.70 0.00	29.35 1.72 -1.23	29.82 1.76 -1.44	31.57 1.84 -3.12	31.93 1.82 -2.95	34.87 2.11 -1.66	41.90 2.63 -4.22	49.30 3.27 0.00	58.47 3.52 0.00	66.20 4.16 0.00	50.84 2.97 0.00	40.69 2.34 0.00	34.18 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.82 1.83 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.61 1.54 0.00	35.06 1.61 0.00	40.43 1.93 0.00	53.00 2.76 0.00	49.12 2.34 0.00	37.88 1.73 0.00	30.73 1.41 0.00	29.50 1.46 0.00	29.39 1.51 0.00	27.90 1.50 0.00	28.17 1.54 0.00	28.27 1.65 0.00	28.82 1.66 0.00	33.09 1.99 0.00	37.61 2.56 0.00	49.48 3.45 0.00	58.91 3.96 0.00	66.70 4.65 0.00	51.12 3.26 0.00	40.84 2.49 0.00	34.31 1.88 0.00
KIAC_JFK_GT1 23816	40.34 1.36 0.02	35.76 1.57 0.00	33.52 1.35 0.00	33.36 1.28 0.00	34.79 1.34 0.00	40.12 1.62 0.00	52.75 2.51 0.00	49.16 2.39 0.00	38.16 2.02 0.00	31.33 1.99 -0.01	30.17 2.13 0.00	30.08 2.20 0.00	29.77 2.19 -1.18	30.22 2.21 -1.38	31.88 2.26 -3.00	32.25 2.25 -2.84	35.24 2.55 -1.60	42.22 3.12 -4.05	49.94 3.91 0.00	59.07 4.12 0.00	66.57 4.53 0.00	51.36 3.49 0.00	41.00 2.65 0.00	34.31 1.88 0.00
KIAC_JFK_GT2 23817	40.34 1.36 0.02	35.76 1.57 0.00	33.52 1.35 0.00	33.36 1.28 0.00	34.79 1.34 0.00	40.12 1.62 0.00	52.75 2.51 0.00	49.16 2.39 0.00	38.16 2.02 0.00	31.33 1.99 -0.01	30.17 2.13 0.00	30.08 2.20 0.00	29.77 2.19 -1.18	30.22 2.21 -1.38	31.88 2.26 -3.00	32.25 2.25 -2.84	35.24 2.55 -1.60	42.22 3.12 -4.05	49.94 3.91 0.00	59.07 4.12 0.00	66.57 4.53 0.00	51.36 3.49 0.00	41.00 2.65 0.00	34.31 1.88 0.00
KIAC_JFK____ 323774	40.34 1.36 0.02	35.76 1.57 0.00	33.49 1.32 0.00	33.29 1.22 0.00	34.79 1.34 0.00	40.08 1.58 0.00	52.44 2.21 0.00	49.16 2.38 0.00	38.20 2.06 0.00	31.33 2.00 -0.01	30.26 2.21 0.00	30.17 2.29 0.00	29.77 2.19 -1.18	30.22 2.21 -1.38	31.82 2.21 -3.00	32.23 2.25 -2.82	35.17 2.49 -1.59	42.22 3.12 -4.05	49.94 3.91 0.00	59.12 4.17 0.00	66.52 4.47 0.00	51.41 3.54 0.00	41.00 2.64 0.00	34.31 1.88 0.00
KINTIGH_24_KV_GSU 356498	37.66 -1.33 0.00	32.31 -1.88 0.00	30.69 -1.48 0.00	30.50 -1.57 0.00	31.58 -1.87 0.00	35.58 -2.93 0.00	46.03 -3.32 0.89	43.12 -3.65 0.01	34.82 -2.10 -0.78	28.15 -1.17 0.00	26.84 -1.21 0.00	26.52 -1.08 0.00	25.32 -1.08 0.00	25.35 -1.28 0.00	25.26 -1.36 0.00	25.31 -1.85 0.00	28.62 -2.46 0.02	31.46 -3.58 0.02	36.45 -4.70 4.88	42.34 -5.38 7.23	54.38 -5.96 1.71	40.84 -5.03 2.00	34.89 -3.45 0.02	29.90 -2.53 0.00
KINTIGH____ 23543	37.66 -1.33 0.00	32.31 -1.88 0.00	30.43 -1.74 0.00	30.41 -1.67 0.00	31.58 -1.87 0.00	35.42 -3.08 0.00	44.42 -4.92 0.89	43.12 -3.65 0.01	34.72 -2.20 -0.78	28.06 -1.26 0.00	26.84 -1.21 0.00	26.51 -1.37 0.00	24.84 -1.56 0.00	24.95 -1.68 0.00	24.75 -1.86 0.00	25.20 -1.96 0.00	28.47 -2.61 0.02	31.49 -3.54 0.02	36.40 -4.74 4.88	42.34 -5.38 7.23	54.32 -6.02 1.71	40.84 -5.03 2.00	34.89 -3.45 0.02	29.90 -2.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.38 0.39 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.82 0.37 0.00	39.00 0.50 0.00	51.09 0.85 0.00	47.34 0.56 0.00	36.50 0.36 0.00	29.56 0.23 0.00	28.13 0.08 0.00	27.96 0.08 0.00	26.45 0.05 0.00	26.65 0.03 0.00	26.64 0.03 0.00	27.24 0.08 0.00	31.25 0.16 0.00	35.37 0.32 0.00	46.67 0.64 0.00	55.88 0.93 0.00	62.98 0.93 0.00	48.78 0.91 0.00	38.89 0.54 0.00	32.92 0.49 0.00
LACHUTE____HYDRO 323717	41.49 2.50 0.00	36.44 2.26 0.00	34.29 2.12 0.00	34.13 2.05 0.00	35.83 2.38 0.00	41.28 2.77 0.00	54.00 3.77 0.00	49.82 3.04 0.00	37.59 1.45 0.00	30.09 0.76 0.00	28.46 0.42 0.00	28.27 0.39 0.00	26.66 0.26 0.00	26.82 0.19 0.00	26.86 0.24 0.00	27.73 0.57 0.00	31.90 0.81 0.00	36.56 1.51 0.00	48.37 2.35 0.00	59.01 4.07 0.00	66.70 4.66 0.00	51.36 3.49 0.00	40.84 2.49 0.00	34.51 2.08 0.00
LAWRNCV_115KV_TB1 80681	39.03 0.04 0.00	34.22 0.03 0.00	32.17 0.00 0.00	32.07 0.00 0.00	33.49 0.03 0.00	38.62 0.12 0.00	50.38 0.15 0.00	46.73 -0.05 0.00	36.03 -0.11 0.00	29.18 -0.15 0.00	27.82 -0.22 0.00	27.69 -0.20 0.00	26.22 -0.18 0.00	26.41 -0.21 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.91 -0.19 0.00	34.87 -0.18 0.00	45.94 -0.09 0.00	54.89 -0.05 0.00	61.92 -0.12 0.00	48.01 0.14 0.00	38.43 0.08 0.00	32.53 0.10 0.00
LEDERLE____ 23769	40.63 1.64 0.00	35.83 1.64 0.00	33.61 1.45 0.00	33.45 1.38 0.00	34.86 1.41 0.00	40.12 1.62 0.00	52.54 2.31 0.00	48.84 2.06 0.00	37.80 1.66 0.00	30.85 1.52 0.00	29.67 1.63 0.00	29.58 1.70 0.00	30.16 1.69 -2.07	30.78 1.73 -2.42	33.71 1.84 -5.25	33.95 1.82 -4.97	36.01 2.11 -2.80	44.76 2.59 -7.12	49.34 3.31 0.00	58.58 3.63 0.00	66.33 4.28 0.00	50.93 3.06 0.00	40.73 2.38 0.00	34.25 1.82 0.00
LIGHTHSE_115KV_TB6 355974	38.79 -0.19 0.00	33.95 -0.24 0.00	31.94 -0.23 0.00	31.85 -0.22 0.00	33.22 -0.23 0.00	38.31 -0.19 0.00	49.98 -0.25 0.00	46.40 -0.37 0.00	38.51 -0.47 -2.84	28.89 -0.44 0.00	27.59 -0.45 0.00	27.46 -0.42 0.00	25.95 -0.45 0.00	26.12 -0.51 0.00	26.06 -0.56 0.00	26.62 -0.54 0.00	30.51 -0.59 0.00	34.35 -0.70 0.00	45.29 -0.74 0.00	57.19 -0.55 -2.80	65.52 -0.50 -3.97	49.06 -0.62 -1.81	37.93 -0.42 0.00	32.11 -0.32 0.00
LINDEN COGEN____ 23786	40.43 1.44 0.00	35.73 1.54 0.00	33.49 1.32 0.00	33.29 1.22 0.00	34.76 1.30 0.00	39.93 1.43 0.00	52.04 1.81 0.00	48.74 1.96 0.00	37.91 1.77 0.00	31.03 1.70 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.48 1.90 -1.18	29.95 1.94 -1.38	31.58 1.97 -3.00	31.96 1.98 -2.82	34.89 2.21 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.47 3.52 0.00	66.27 4.22 0.00	50.89 3.02 0.00	40.73 2.38 0.00	34.21 1.78 0.00
LINDHRST_69_KV_BK1 356055	41.73 2.73 -0.01	36.55 2.36 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.97 2.46 0.00	53.25 3.01 0.00	49.16 2.39 0.00	37.73 1.59 0.00	30.58 1.26 0.01	29.67 1.63 0.00	29.50 1.62 0.00	29.37 1.80 -1.18	29.89 1.89 -1.38	31.57 1.97 -2.99	31.94 1.96 -2.83	35.68 2.99 -1.60	43.26 3.61 -4.60	52.36 4.51 -1.83	65.55 4.95 -5.66	68.74 5.77 -0.92	52.50 4.21 -0.42	47.43 3.45 -5.63	35.16 2.72 -0.01
LIPA_MISC_IPP 23656	41.73 2.73 -0.01	36.55 2.36 0.00	33.97 1.80 0.00	33.93 1.86 0.00	35.53 2.07 0.00	40.89 2.39 0.00	53.05 2.81 0.00	48.88 2.11 0.00	37.48 1.34 0.00	30.29 0.97 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.19 1.61 -1.18	29.73 1.73 -1.38	31.41 1.81 -2.99	31.78 1.79 -2.83	35.59 2.89 -1.60	43.21 3.61 -4.55	52.14 4.46 -1.65	67.18 4.89 -7.34	71.23 5.65 -3.54	52.41 4.16 -0.38	46.90 3.45 -5.09	35.16 2.72 -0.01

LISF__SOLAR 323691	41.81 2.81 -0.01	36.62 2.43 0.00	33.97 1.80 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.97 2.47 0.00	52.69 2.46 0.00	48.98 2.20 0.00	37.55 1.41 0.00	30.32 1.00 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.19 1.61 -1.18	29.73 1.73 -1.38	31.39 1.78 -2.99	31.76 1.79 -2.81	35.55 2.86 -1.59	43.28 3.68 -4.55	52.24 4.56 -1.65	67.21 5.00 -7.27	71.25 5.77 -3.44	52.50 4.26 -0.38	46.98 3.53 -5.10	35.23 2.79 -0.01
LITTLE FALLS__HYD 24013	39.18 0.19 0.00	34.43 0.24 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	39.00 0.50 0.00	50.69 0.45 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.30 0.28 0.00	55.44 0.49 0.00	62.73 0.68 0.00	48.39 0.53 0.00	38.97 0.61 0.00	32.79 0.36 0.00
LITTLRIV_115KV_TB1 356100	38.79 -0.19 0.00	34.05 -0.14 0.00	32.01 -0.16 0.00	31.88 -0.19 0.00	33.35 -0.10 0.00	38.58 0.08 0.00	50.13 -0.10 0.00	46.12 -0.65 0.00	35.85 -0.87 -0.58	28.39 -0.94 0.00	27.01 -1.04 0.00	26.93 -0.95 0.00	25.50 -0.90 0.00	25.70 -0.93 0.00	25.68 -0.93 0.00	26.24 -0.92 0.00	30.16 -0.93 0.00	34.10 -0.95 0.00	45.20 -0.83 0.00	55.03 -0.44 -0.52	62.29 -0.50 -0.74	48.01 -0.19 -0.34	38.24 -0.12 0.00	32.33 -0.10 0.00
LI_NEWBRDGE__DRP 323616	41.06 2.07 -0.01	36.00 1.81 0.00	33.55 1.38 0.00	33.52 1.44 0.00	35.06 1.61 0.00	40.35 1.85 0.00	52.44 2.21 0.00	48.51 1.73 0.00	37.30 1.16 0.00	30.31 1.00 0.01	29.36 1.32 0.00	29.22 1.34 0.00	29.08 1.50 -1.18	29.60 1.60 -1.38	31.28 1.68 -2.99	31.64 1.66 -2.83	35.18 2.49 -1.60	42.55 2.98 -4.52	51.17 3.59 -1.55	62.88 3.74 -4.19	66.52 4.47 -0.01	51.48 3.26 -0.35	45.86 2.72 -4.78	34.55 2.11 -0.01
LOCKPORT_115KV_TB60_63_64 80432	37.12 -1.87 0.00	31.69 -2.50 0.00	29.85 -2.32 0.00	29.86 -2.21 0.00	30.98 -2.48 0.00	34.65 -3.85 0.00	43.84 -5.63 0.77	42.00 -4.77 0.01	34.01 -2.96 -0.84	27.51 -1.82 0.00	26.33 -1.71 0.00	25.96 -1.92 0.00	24.26 -2.14 0.00	24.36 -2.26 0.00	24.11 -2.50 0.00	24.55 -2.61 0.02	27.75 -3.33 0.02	30.86 -4.17 0.02	36.46 -5.16 4.41	42.60 -5.82 6.53	53.55 -6.95 1.54	40.41 -5.65 1.81	34.12 -4.22 0.02	29.22 -3.21 0.00
LOCKPORT__CC1 323769	37.16 -1.83 0.00	31.73 -2.46 0.00	30.20 -1.96 0.00	30.02 -2.05 0.00	31.01 -2.44 0.00	34.88 -3.62 0.00	45.15 -4.27 0.81	42.05 -4.72 0.01	34.12 -2.86 -0.84	27.65 -1.67 0.00	26.36 -1.68 0.00	25.98 -1.90 0.00	24.87 -1.53 0.00	24.87 -1.76 0.00	24.75 -1.86 0.00	24.74 -2.42 0.00	27.91 -3.17 0.02	30.90 -4.14 0.02	36.23 -5.15 4.64	42.20 -5.88 6.87	53.59 -6.83 1.63	40.31 -5.65 1.91	34.16 -4.18 0.02	29.25 -3.18 0.00
LOCKPORT__CC2 323770	37.16 -1.83 0.00	31.73 -2.46 0.00	30.20 -1.96 0.00	30.02 -2.05 0.00	31.01 -2.44 0.00	34.88 -3.62 0.00	45.15 -4.27 0.81	42.05 -4.72 0.01	34.12 -2.86 -0.84	27.65 -1.67 0.00	26.36 -1.68 0.00	25.98 -1.90 0.00	24.87 -1.53 0.00	24.87 -1.76 0.00	24.75 -1.86 0.00	24.74 -2.42 0.00	27.91 -3.17 0.02	30.90 -4.14 0.02	36.23 -5.15 4.64	42.20 -5.88 6.87	53.59 -6.83 1.63	40.31 -5.65 1.91	34.16 -4.18 0.02	29.25 -3.18 0.00
LOCKPORT__CC3 323771	37.16 -1.83 0.00	31.73 -2.46 0.00	30.20 -1.96 0.00	30.02 -2.05 0.00	31.01 -2.44 0.00	34.88 -3.62 0.00	45.15 -4.27 0.81	42.05 -4.72 0.01	34.12 -2.86 -0.84	27.65 -1.67 0.00	26.36 -1.68 0.00	25.98 -1.90 0.00	24.87 -1.53 0.00	24.87 -1.76 0.00	24.75 -1.86 0.00	24.74 -2.42 0.00	27.91 -3.17 0.02	30.90 -4.14 0.02	36.23 -5.15 4.64	42.20 -5.88 6.87	53.59 -6.83 1.63	40.31 -5.65 1.91	34.16 -4.18 0.02	29.25 -3.18 0.00
LOCUSVLY_69_KV_BK2 55797	41.38 2.38 -0.01	36.31 2.12 0.00	33.87 1.70 0.00	33.81 1.73 0.00	35.33 1.87 0.00	40.70 2.19 0.00	53.00 2.76 0.00	49.02 2.25 0.00	37.77 1.63 0.00	30.73 1.41 0.01	29.75 1.71 0.00	29.61 1.73 0.00	29.43 1.85 -1.18	29.95 1.94 -1.38	31.63 2.02 -2.99	31.97 1.98 -2.83	35.47 2.77 -1.60	43.15 3.33 -4.77	52.50 4.10 -2.37	65.24 4.40 -5.90	66.60 5.15 0.59	52.19 3.78 -0.54	48.77 3.11 -7.31	34.84 2.40 -0.01
LONG_LAKE_PHOENIX 24014	38.25 -0.74 0.00	33.47 -0.72 0.00	31.49 -0.68 0.00	31.40 -0.67 0.00	32.75 -0.70 0.00	37.73 -0.77 0.00	49.28 -0.95 0.00	45.94 -0.84 0.00	39.10 -0.58 -3.54	28.89 -0.44 0.00	27.59 -0.45 0.00	27.41 -0.47 0.00	25.90 -0.50 0.00	26.09 -0.53 0.00	26.06 -0.56 0.00	26.59 -0.57 0.00	30.38 -0.72 0.00	34.14 -0.91 0.00	44.83 -1.20 0.00	57.57 -1.32 -3.94	66.21 -1.43 -5.59	49.18 -1.24 -2.55	37.39 -0.96 0.00	31.62 -0.81 0.00
LOVETT__3 23632	40.43 1.44 0.00	35.66 1.47 0.00	33.49 1.32 0.00	33.32 1.25 0.00	34.73 1.27 0.00	39.97 1.46 0.00	52.29 2.06 0.00	48.60 1.82 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.58 1.54 0.00	29.47 1.59 0.00	29.84 1.61 -1.83	30.41 1.65 -2.14	32.98 1.73 -4.63	33.25 1.71 -4.38	35.55 1.99 -2.47	43.78 2.45 -6.28	49.07 3.04 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
LOVETT__4 23642	40.43 1.44 0.00	35.66 1.47 0.00	33.49 1.32 0.00	33.32 1.25 0.00	34.73 1.27 0.00	39.97 1.46 0.00	52.29 2.06 0.00	48.60 1.82 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.58 1.54 0.00	29.47 1.59 0.00	29.84 1.61 -1.83	30.41 1.65 -2.14	32.98 1.73 -4.63	33.25 1.71 -4.38	35.55 1.99 -2.47	43.78 2.45 -6.28	49.07 3.04 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
LOVETT__5 23593	40.43 1.44 0.00	35.66 1.47 0.00	33.49 1.32 0.00	33.32 1.25 0.00	34.73 1.27 0.00	39.97 1.46 0.00	52.29 2.06 0.00	48.60 1.82 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.58 1.54 0.00	29.47 1.59 0.00	29.84 1.61 -1.83	30.41 1.65 -2.14	32.98 1.73 -4.63	33.25 1.71 -4.38	35.55 1.99 -2.47	43.78 2.45 -6.28	49.07 3.04 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
LOWER RAQUET__HYD 24057	38.32 -0.66 0.00	33.68 -0.51 0.00	31.62 -0.55 0.00	31.53 -0.55 0.00	32.99 -0.47 0.00	38.12 -0.38 0.00	49.43 -0.81 0.00	45.52 -1.26 0.00	35.47 -1.30 -0.63	28.09 -1.23 0.00	26.73 -1.32 0.00	26.65 -1.23 0.00	25.21 -1.19 0.00	25.40 -1.22 0.00	25.37 -1.25 0.00	25.97 -1.19 0.00	29.92 -1.18 0.00	33.61 -1.44 0.00	44.51 -1.52 0.00	54.36 -1.16 -0.56	61.48 -1.37 -0.80	47.32 -0.91 -0.37	37.78 -0.57 0.00	31.94 -0.49 0.00
LOWER__HUDSON 24059	40.00 1.01 0.00	35.18 0.99 0.00	33.07 0.90 0.00	33.07 1.00 0.00	34.53 1.07 0.00	39.62 1.12 0.00	51.44 1.20 0.00	48.18 1.40 0.00	36.97 0.83 0.00	29.79 0.47 0.00	28.52 0.48 0.00	28.38 0.50 0.00	26.85 0.45 0.00	27.19 0.56 0.00	27.20 0.58 0.00	27.84 0.68 0.00	31.94 0.84 0.00	36.28 1.23 0.00	47.59 1.57 0.00	56.92 1.98 0.00	64.03 1.98 0.00	49.59 1.72 0.00	39.69 1.34 0.00	33.53 1.10 0.00

LOWVILLE_115KV_TB2 356335	39.38 0.39 0.00	34.53 0.34 0.00	32.49 0.32 0.00	32.39 0.32 0.00	33.86 0.40 0.00	39.16 0.65 0.00	51.29 1.05 0.00	47.11 0.33 0.00	37.14 -0.22 -1.21	28.89 -0.44 0.00	27.48 -0.56 0.00	27.38 -0.50 0.00	25.90 -0.50 0.00	26.04 -0.59 0.00	25.95 -0.67 0.00	26.56 -0.60 0.00	30.54 -0.56 0.00	34.70 -0.35 0.00	46.17 0.14 0.00	56.79 0.77 -1.07	64.55 0.99 -1.52	49.13 0.57 -0.69	38.89 0.54 0.00	32.79 0.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.63 1.64 0.00	35.69 1.50 0.00	33.61 1.45 0.00	33.49 1.41 0.00	35.03 1.57 0.00	40.27 1.77 0.00	52.64 2.41 0.00	48.79 2.01 0.00	37.33 1.19 0.00	30.06 0.73 0.00	28.66 0.62 0.00	28.49 0.61 0.00	27.01 0.61 0.00	27.27 0.64 0.00	27.31 0.69 0.00	27.95 0.79 0.00	32.09 1.00 0.00	36.49 1.44 0.00	47.96 1.93 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.26 2.39 0.00	40.15 1.80 0.00	33.92 1.49 0.00
LUTHERNY_35_KV_BK2 355980	40.63 1.64 0.00	35.73 1.54 0.00	33.65 1.48 0.00	33.52 1.44 0.00	35.03 1.57 0.00	40.31 1.81 0.00	52.69 2.46 0.00	48.84 2.06 0.00	37.37 1.23 0.00	30.06 0.73 0.00	28.66 0.62 0.00	28.49 0.61 0.00	27.01 0.61 0.00	27.27 0.64 0.00	27.31 0.69 0.00	27.97 0.81 0.00	32.12 1.03 0.00	36.49 1.44 0.00	48.01 1.98 0.00	57.70 2.75 0.00	65.09 3.04 0.00	50.31 2.44 0.00	40.15 1.80 0.00	33.95 1.52 0.00
LWR__OSWEGATCHIE_HYD 23850	38.60 -0.39 0.00	33.88 -0.31 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.19 -0.27 0.00	38.39 -0.12 0.00	50.03 -0.20 0.00	45.89 -0.89 0.00	36.03 -1.12 -1.01	28.18 -1.14 0.00	26.81 -1.23 0.00	26.74 -1.14 0.00	25.29 -1.11 0.00	25.46 -1.17 0.00	25.39 -1.22 0.00	25.96 -1.20 0.00	29.85 -1.24 0.00	33.79 -1.26 0.00	44.88 -1.15 0.00	55.15 -0.71 -0.92	62.60 -0.74 -1.30	47.84 -0.62 -0.59	38.05 -0.31 0.00	32.14 -0.29 0.00
LYONS_FALL_HYD 23570	39.53 0.55 0.00	34.67 0.48 0.00	32.65 0.48 0.00	32.52 0.45 0.00	33.99 0.53 0.00	39.27 0.77 0.00	51.49 1.26 0.00	47.38 0.61 0.00	37.27 0.07 -1.06	29.18 -0.15 0.00	27.76 -0.28 0.00	27.66 -0.22 0.00	26.19 -0.21 0.00	26.31 -0.32 0.00	26.24 -0.37 0.00	26.86 -0.30 0.00	30.88 -0.22 0.00	35.02 -0.04 0.00	46.49 0.46 0.00	56.87 1.04 -0.88	64.60 1.31 -1.25	49.25 0.81 -0.57	39.00 0.65 0.00	32.92 0.49 0.00
MADISON__COUNTY_LFGE 323628	39.85 0.86 0.00	34.94 0.75 0.00	32.87 0.71 0.00	32.78 0.71 0.00	34.22 0.77 0.00	39.47 0.96 0.00	51.74 1.51 0.00	47.90 1.12 0.00	37.95 0.61 -1.20	29.74 0.41 0.00	28.32 0.28 0.00	28.19 0.31 0.00	26.66 0.26 0.00	26.84 0.21 0.00	26.78 0.16 0.00	27.35 0.19 0.00	31.38 0.28 0.00	35.58 0.53 0.00	46.99 0.97 0.00	57.24 1.43 -0.87	65.01 1.74 -1.23	49.58 1.15 -0.56	39.23 0.88 0.00	33.11 0.68 0.00
MALONE__115KV_TB1 356076	39.22 0.23 0.00	34.39 0.21 0.00	32.33 0.16 0.00	32.23 0.16 0.00	33.69 0.23 0.00	38.89 0.39 0.00	50.94 0.70 0.00	47.29 0.51 0.00	36.43 0.29 0.00	29.50 0.18 0.00	28.07 0.03 0.00	27.91 0.03 0.00	26.43 0.03 0.00	26.60 -0.03 0.00	26.62 0.00 0.00	27.16 0.00 0.00	31.19 0.09 0.00	35.26 0.21 0.00	46.49 0.46 0.00	55.33 0.38 0.00	62.36 0.31 0.00	48.30 0.43 0.00	38.54 0.19 0.00	32.62 0.19 0.00
MAPLEWOD_115KV_TB3 80458	39.85 0.86 0.00	35.04 0.85 0.00	33.00 0.84 0.00	32.91 0.83 0.00	34.32 0.87 0.00	39.47 0.96 0.00	51.44 1.21 0.00	47.90 1.12 0.00	36.83 0.69 0.00	29.74 0.41 0.00	28.49 0.45 0.00	28.33 0.45 0.00	26.88 0.48 0.00	27.16 0.53 0.00	27.20 0.59 0.00	27.78 0.62 0.00	31.87 0.78 0.00	36.03 0.98 0.00	47.22 1.20 0.00	56.43 1.48 0.00	63.53 1.49 0.00	49.16 1.29 0.00	39.35 1.00 0.00	33.27 0.84 0.00
MAPLE_RIDGE_WT_1 323574	38.60 -0.39 0.00	33.85 -0.34 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.12 -0.33 0.00	38.16 -0.35 0.00	49.83 -0.40 0.00	46.40 -0.38 0.00	35.81 -0.33 0.00	29.06 -0.26 0.00	27.76 -0.28 0.00	27.60 -0.28 0.00	26.11 -0.29 0.00	26.33 -0.29 0.00	26.32 -0.29 0.00	26.89 -0.27 0.00	30.79 -0.31 0.00	34.73 -0.32 0.00	45.61 -0.42 0.00	54.45 -0.50 0.00	61.49 -0.56 0.00	47.48 -0.38 0.00	38.01 -0.35 0.00	32.07 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	38.60 -0.39 0.00	33.85 -0.34 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.12 -0.33 0.00	38.16 -0.35 0.00	49.83 -0.40 0.00	46.40 -0.38 0.00	35.81 -0.33 0.00	29.06 -0.26 0.00	27.76 -0.28 0.00	27.60 -0.28 0.00	26.11 -0.29 0.00	26.33 -0.29 0.00	26.32 -0.29 0.00	26.89 -0.27 0.00	30.79 -0.31 0.00	34.73 -0.32 0.00	45.61 -0.42 0.00	54.45 -0.50 0.00	61.49 -0.56 0.00	47.48 -0.38 0.00	38.01 -0.35 0.00	32.07 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	38.83 -0.16 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.39 -0.07 0.00	38.50 0.00 0.00	50.28 0.05 0.00	46.73 -0.05 0.00	36.07 -0.07 0.00	29.21 -0.12 0.00	27.85 -0.19 0.00	27.69 -0.19 0.00	26.19 -0.21 0.00	26.39 -0.24 0.00	26.38 -0.24 0.00	26.91 -0.24 0.00	30.91 -0.19 0.00	34.88 -0.17 0.00	45.94 -0.09 0.00	54.89 -0.05 0.00	61.92 -0.12 0.00	47.96 0.10 0.00	38.35 0.00 0.00	32.46 0.03 0.00
MARSHVLE_115KV_TB1 80742	41.41 2.42 0.00	36.31 2.12 0.00	34.13 1.96 0.00	33.97 1.89 0.00	35.60 2.14 0.00	41.08 2.58 0.00	53.90 3.67 0.00	49.54 2.76 0.00	36.57 0.43 0.00	29.35 0.03 0.00	27.96 -0.08 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.40 -0.21 0.00	27.08 -0.08 0.00	31.41 0.31 0.00	36.46 1.40 0.00	48.05 2.03 0.00	58.08 3.13 0.00	65.64 3.60 0.00	50.50 2.63 0.00	40.54 2.19 0.00	34.12 1.69 0.00
MARSH_HILL_WT_PWR 323713	38.72 -0.27 0.00	33.27 -0.92 0.00	31.55 -0.61 0.00	31.40 -0.68 0.00	32.55 -0.90 0.00	37.08 -1.42 0.00	52.88 -1.21 -3.85	44.85 -1.96 -0.03	35.92 -1.27 -1.05	28.53 -0.79 0.00	27.14 -0.90 0.00	26.79 -1.09 0.00	25.50 -0.90 0.00	25.51 -1.12 0.00	25.39 -1.22 0.00	25.53 -1.63 0.00	28.92 -2.15 0.03	32.85 -2.17 0.03	65.21 -2.07 -21.25	85.14 -1.70 -31.89	68.17 -1.92 -8.05	54.86 -2.01 -9.00	36.17 -2.15 0.03	30.65 -1.78 0.00
MCINTYRE_115KV_TB2 80467	39.22 0.23 0.00	34.43 0.24 0.00	32.36 0.19 0.00	32.23 0.16 0.00	33.72 0.27 0.00	38.97 0.46 0.00	50.79 0.55 0.00	46.73 -0.05 0.00	36.21 -0.43 -0.50	28.74 -0.59 0.00	27.34 -0.70 0.00	27.24 -0.64 0.00	25.82 -0.58 0.00	26.01 -0.61 0.00	26.00 -0.61 0.00	26.59 -0.57 0.00	30.57 -0.53 0.00	34.59 -0.46 0.00	45.89 -0.14 0.00	55.62 0.22 -0.45	62.93 0.25 -0.63	48.59 0.43 -0.29	38.66 0.31 0.00	32.72 0.29 0.00
MECO____69_KV_BK1 80468	41.48 2.50 0.00	36.41 2.22 0.00	34.23 2.06 0.00	34.06 1.99 0.00	35.70 2.24 0.00	41.20 2.70 0.00	53.95 3.72 0.00	49.44 2.67 0.00	36.76 0.61 0.00	29.41 0.09 0.00	27.99 -0.06 0.00	27.85 -0.03 0.00	26.37 -0.03 0.00	26.57 -0.05 0.00	26.56 -0.05 0.00	27.27 0.11 0.00	31.66 0.56 0.00	36.49 1.44 0.00	48.33 2.30 0.00	58.69 3.74 0.00	66.33 4.28 0.00	51.03 3.16 0.00	40.81 2.45 0.00	34.34 1.91 0.00

MENANDS__115KV_TB5 355628	39.69 0.70 0.00	34.91 0.72 0.00	32.87 0.71 0.00	32.81 0.74 0.00	34.19 0.74 0.00	39.31 0.81 0.00	51.24 1.00 0.00	47.71 0.94 0.00	36.68 0.54 0.00	29.65 0.32 0.00	28.41 0.36 0.00	28.27 0.39 0.00	26.82 0.42 0.00	27.11 0.48 0.00	27.15 0.53 0.00	27.73 0.57 0.00	31.81 0.72 0.00	35.93 0.88 0.00	46.99 0.97 0.00	56.16 1.21 0.00	63.22 1.18 0.00	48.92 1.05 0.00	39.20 0.84 0.00	33.14 0.71 0.00
MG INDUSTRY__DRP 24185	39.92 0.94 0.00	35.11 0.92 0.00	33.04 0.87 0.00	32.94 0.87 0.00	34.36 0.90 0.00	39.50 1.00 0.00	51.44 1.21 0.00	47.67 0.89 0.00	36.57 0.43 0.00	29.56 0.23 0.00	28.32 0.28 0.00	28.19 0.31 0.00	26.72 0.32 0.00	27.00 0.37 0.00	27.04 0.43 0.00	27.62 0.46 0.00	31.69 0.59 0.00	35.86 0.81 0.00	47.13 1.10 0.00	56.38 1.43 0.00	63.60 1.55 0.00	49.16 1.29 0.00	39.39 1.04 0.00	33.27 0.84 0.00
MID__OSWEGATCHIE_HYD 23849	38.60 -0.39 0.00	33.88 -0.31 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.19 -0.27 0.00	38.39 -0.12 0.00	50.03 -0.20 0.00	45.89 -0.89 0.00	36.03 -1.12 -1.01	28.18 -1.14 0.00	26.81 -1.23 0.00	26.74 -1.14 0.00	25.29 -1.11 0.00	25.46 -1.17 0.00	25.39 -1.22 0.00	25.96 -1.20 0.00	29.85 -1.24 0.00	33.79 -1.26 0.00	44.88 -1.15 0.00	55.15 -0.71 -0.92	62.60 -0.74 -1.30	47.84 -0.62 -0.59	38.05 -0.31 0.00	32.14 -0.29 0.00
MID__RAQUETTE_HYD 23851	38.33 -0.66 0.00	33.68 -0.51 0.00	31.65 -0.51 0.00	31.53 -0.55 0.00	32.99 -0.47 0.00	38.12 -0.39 0.00	49.38 -0.85 0.00	45.52 -1.26 0.00	35.47 -1.30 -0.63	28.09 -1.23 0.00	26.72 -1.32 0.00	26.65 -1.23 0.00	25.24 -1.16 0.00	25.43 -1.20 0.00	25.42 -1.20 0.00	25.96 -1.20 0.00	29.82 -1.27 0.00	33.61 -1.44 0.00	44.51 -1.52 0.00	54.36 -1.15 -0.56	61.48 -1.37 -0.80	47.32 -0.91 -0.37	37.78 -0.58 0.00	31.94 -0.49 0.00
MILLIKEN__1 23584	39.85 0.86 0.00	34.80 0.62 0.00	32.71 0.55 0.00	32.62 0.55 0.00	34.02 0.57 0.00	39.20 0.69 0.00	51.39 1.16 0.00	47.71 0.94 0.00	38.34 0.58 -1.62	29.74 0.41 0.00	28.32 0.28 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.24 0.08 0.00	31.22 0.12 0.01	35.29 0.25 0.01	46.67 0.64 0.00	57.42 1.10 -1.37	65.30 1.30 -1.95	49.52 0.77 -0.89	38.88 0.54 0.01	32.82 0.39 0.00
MILLIKEN__2 23585	39.85 0.86 0.00	34.80 0.62 0.00	32.71 0.55 0.00	32.62 0.55 0.00	34.02 0.57 0.00	39.20 0.69 0.00	51.39 1.16 0.00	47.71 0.94 0.00	38.34 0.58 -1.62	29.74 0.41 0.00	28.32 0.28 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.24 0.08 0.00	31.22 0.12 0.01	35.29 0.25 0.01	46.67 0.64 0.00	57.42 1.10 -1.37	65.30 1.30 -1.95	49.52 0.77 -0.89	38.88 0.54 0.01	32.82 0.39 0.00
MILLIKEN__DIESEL 23629	39.85 0.86 0.00	34.80 0.62 0.00	32.71 0.55 0.00	32.62 0.55 0.00	34.02 0.57 0.00	39.20 0.69 0.00	51.39 1.16 0.00	47.71 0.94 0.00	38.34 0.58 -1.62	29.74 0.41 0.00	28.32 0.28 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.24 0.08 0.00	31.22 0.12 0.01	35.29 0.25 0.01	46.67 0.64 0.00	57.42 1.10 -1.37	65.30 1.30 -1.95	49.52 0.77 -0.89	38.88 0.54 0.01	32.82 0.39 0.00
MILLSEAT__LFGE 323607	37.78 -1.21 0.00	32.24 -1.95 0.00	30.69 -1.48 0.00	30.53 -1.54 0.00	31.58 -1.87 0.00	35.77 -2.73 0.00	47.09 -2.56 0.59	43.64 -3.13 0.01	35.14 -1.84 -0.84	28.33 -1.00 0.00	26.95 -1.09 0.00	26.60 -1.28 0.00	25.34 -1.06 0.00	25.38 -1.25 0.00	25.23 -1.39 0.00	25.37 -1.79 0.00	28.44 -2.64 0.02	31.56 -3.47 0.02	38.53 -4.10 3.40	45.41 -4.50 5.03	55.64 -5.21 1.19	42.02 -4.45 1.40	35.04 -3.30 0.02	29.90 -2.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.51 1.52 0.00	35.73 1.54 0.00	33.52 1.35 0.00	33.39 1.32 0.00	34.79 1.34 0.00	40.04 1.54 0.00	52.39 2.16 0.00	48.74 1.96 0.00	37.73 1.59 0.00	30.79 1.47 0.00	29.64 1.60 0.00	29.53 1.64 0.00	29.26 1.66 -1.19	29.73 1.70 -1.39	31.42 1.78 -3.03	31.79 1.77 -2.86	34.76 2.05 -1.61	41.66 2.52 -4.09	49.20 3.18 0.00	58.36 3.41 0.00	66.08 4.03 0.00	50.79 2.92 0.00	40.65 2.30 0.00	34.15 1.72 0.00
MILLWOOD_13_KV_LOAD 356217	40.59 1.60 0.00	35.80 1.61 0.00	33.58 1.42 0.00	33.42 1.35 0.00	34.86 1.41 0.00	40.12 1.62 0.00	52.54 2.31 0.00	48.84 2.06 0.00	37.77 1.63 0.00	30.82 1.50 0.00	29.67 1.63 0.00	29.55 1.67 0.00	29.28 1.69 -1.19	29.75 1.73 -1.39	31.45 1.81 -3.03	31.81 1.79 -2.86	34.79 2.08 -1.61	41.73 2.59 -4.09	49.30 3.27 0.00	58.47 3.52 0.00	66.20 4.16 0.00	50.84 2.97 0.00	40.73 2.38 0.00	34.21 1.78 0.00
MODEL_CITY_ENERGY 24167	36.69 -2.30 0.00	31.35 -2.84 0.00	29.82 -2.35 0.00	29.63 -2.44 0.00	30.61 -2.84 0.00	34.38 -4.12 0.00	44.51 -4.87 0.85	41.48 -5.29 0.01	33.65 -3.32 -0.83	27.30 -2.02 0.00	26.05 -1.99 0.00	25.68 -2.20 0.00	24.58 -1.82 0.00	24.58 -2.05 0.00	24.49 -2.13 0.00	24.44 -2.72 0.00	27.53 -3.55 0.02	30.44 -4.59 0.02	35.30 -5.71 5.02	40.98 -6.54 7.43	52.59 -7.70 1.76	39.49 -6.32 2.06	33.69 -4.64 0.02	28.86 -3.57 0.00
MODERN_LFGE__ 323580	36.69 -2.30 0.00	31.35 -2.84 0.00	29.82 -2.35 0.00	29.63 -2.44 0.00	30.61 -2.84 0.00	34.38 -4.12 0.00	44.51 -4.87 0.85	41.48 -5.29 0.01	33.65 -3.32 -0.83	27.30 -2.02 0.00	26.05 -1.99 0.00	25.68 -2.20 0.00	24.58 -1.82 0.00	24.58 -2.05 0.00	24.49 -2.13 0.00	24.44 -2.72 0.00	27.53 -3.55 0.02	30.44 -4.59 0.02	35.30 -5.71 5.02	40.98 -6.54 7.43	52.59 -7.70 1.76	39.49 -6.32 2.06	33.69 -4.64 0.02	28.86 -3.57 0.00
MOHAWK_PAPER__DRP 24187	39.85 0.86 0.00	35.04 0.85 0.00	33.00 0.84 0.00	32.91 0.83 0.00	34.32 0.87 0.00	39.47 0.96 0.00	51.44 1.21 0.00	47.90 1.12 0.00	36.83 0.69 0.00	29.74 0.41 0.00	28.49 0.45 0.00	28.33 0.45 0.00	26.88 0.48 0.00	27.16 0.53 0.00	27.20 0.59 0.00	27.78 0.62 0.00	31.87 0.78 0.00	36.03 0.98 0.00	47.22 1.20 0.00	56.43 1.48 0.00	63.53 1.49 0.00	49.16 1.29 0.00	39.35 1.00 0.00	33.27 0.84 0.00
MOHICAN__35_KV_115KV_LD 80490	40.78 1.79 0.00	35.83 1.64 0.00	33.77 1.61 0.00	33.65 1.57 0.00	35.23 1.77 0.00	40.58 2.08 0.00	53.10 2.86 0.00	49.12 2.34 0.00	37.44 1.30 0.00	30.09 0.76 0.00	28.55 0.50 0.00	28.38 0.50 0.00	26.88 0.48 0.00	27.08 0.45 0.00	27.12 0.51 0.00	27.81 0.65 0.00	31.97 0.87 0.00	36.38 1.33 0.00	47.96 1.93 0.00	57.86 2.91 0.00	65.33 3.29 0.00	50.41 2.54 0.00	40.19 1.84 0.00	34.02 1.59 0.00
MONGAUP__HYD 23641	40.24 1.25 0.00	35.49 1.30 0.00	33.29 1.13 0.00	33.13 1.06 0.00	34.56 1.10 0.00	39.85 1.35 0.00	51.94 1.71 0.00	48.32 1.54 0.00	37.22 1.08 0.00	30.35 1.03 0.00	29.17 1.12 0.00	29.05 1.17 0.00	22.97 1.11 4.54	22.50 1.17 5.30	16.35 1.23 11.49	17.55 1.28 10.88	26.47 1.49 6.12	21.52 2.10 15.63	48.70 2.67 0.00	58.08 3.13 0.00	65.77 3.72 0.00	50.40 2.54 0.00	40.31 1.95 0.00	33.85 1.43 0.00

MONTAUK___DIESEL 23721	41.80 2.81 -0.01	36.51 2.32 0.00	33.87 1.70 0.00	33.81 1.73 0.00	35.23 1.77 0.00	40.35 1.85 0.00	52.19 1.96 0.00	48.42 1.64 0.00	36.97 0.83 0.00	29.82 0.50 0.01	29.16 1.12 0.00	29.19 1.31 0.00	29.24 1.66 -1.18	29.81 1.81 -1.38	31.41 1.81 -2.99	31.64 1.66 -2.83	35.46 2.77 -1.60	43.14 3.54 -4.55	52.19 4.51 -1.65	67.20 4.95 -7.31	71.06 5.52 -3.49	52.36 4.12 -0.38	46.71 3.26 -5.10	35.00 2.56 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.72 -0.27 0.00	33.09 -1.09 0.00	31.20 -0.96 0.00	31.21 -0.87 0.00	32.35 -1.10 0.00	36.39 -2.12 0.00	47.36 -1.81 1.06	44.20 -2.57 0.01	35.70 -1.30 -0.86	28.77 -0.56 0.00	27.54 -0.50 0.00	27.13 -0.75 0.00	25.37 -1.03 0.00	25.46 -1.17 0.00	25.21 -1.41 0.00	25.64 -1.52 0.00	29.05 -2.02 0.02	32.82 -2.21 0.02	38.22 -2.30 5.50	44.58 -2.25 8.12	57.14 -2.98 1.92	42.79 -2.82 2.26	35.42 -2.91 0.02	29.93 -2.50 0.00
MORRIS_RIDGE___SOLAR 323848	38.29 -0.70 0.00	32.85 -1.33 0.00	31.17 -1.00 0.00	31.02 -1.06 0.00	32.12 -1.34 0.00	36.39 -2.12 0.00	45.40 -2.31 2.52	43.72 -3.04 0.02	35.07 -2.02 -0.95	27.98 -1.35 0.00	26.67 -1.37 0.00	26.35 -1.53 0.00	25.13 -1.27 0.00	25.14 -1.49 0.00	25.07 -1.54 0.00	25.18 -1.98 0.00	28.49 -2.58 0.03	32.22 -2.81 0.03	29.30 -2.99 13.74	31.77 -2.86 20.32	54.07 -3.16 4.81	39.41 -2.82 5.64	35.68 -2.65 0.03	30.35 -2.08 0.00
MORTIMER_115KV_TB3 55949	38.33 -0.66 0.00	32.99 -1.20 0.00	31.07 -1.09 0.00	31.08 -0.99 0.00	32.32 -1.14 0.00	37.04 -1.46 0.00	47.87 -2.36 0.00	45.19 -1.59 0.00	36.04 -0.94 -0.84	28.83 -0.50 0.00	27.54 -0.50 0.00	27.32 -0.56 0.00	25.66 -0.74 0.00	25.80 -0.83 0.00	25.60 -1.01 0.00	26.13 -1.03 0.00	29.69 -1.40 0.01	33.11 -1.93 0.01	43.54 -2.49 0.00	52.26 -2.69 0.00	59.13 -2.92 0.00	45.28 -2.58 0.00	36.62 -1.73 0.01	31.07 -1.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.59 1.60 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.45 1.38 0.00	34.89 1.44 0.00	40.12 1.62 0.00	52.49 2.26 0.00	48.88 2.11 0.00	37.91 1.77 0.00	31.03 1.70 0.00	29.89 1.85 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.63 2.02 -2.99	31.97 1.98 -2.83	34.96 2.27 -1.59	41.90 2.80 -4.05	49.53 3.50 0.00	58.63 3.68 0.00	66.39 4.34 0.00	50.98 3.11 0.00	40.84 2.49 0.00	34.31 1.88 0.00
MUNSVILLE_WIND_PWR 323609	41.87 2.89 0.00	36.65 2.46 0.00	34.55 2.38 0.00	34.41 2.34 0.00	35.93 2.48 0.00	41.54 3.04 0.00	54.76 4.52 0.00	50.29 3.51 0.00	39.30 2.06 -1.10	30.61 1.29 0.00	28.88 0.84 0.00	28.83 0.95 0.00	27.06 0.87 0.21	27.12 0.74 0.25	26.69 0.61 0.54	27.44 0.79 0.51	31.93 1.12 0.28	36.18 1.86 0.72	49.20 3.17 0.00	60.23 4.40 -0.89	68.40 5.09 -1.26	51.84 3.40 -0.58	40.70 2.34 0.00	34.18 1.75 0.00
N SALMON___HYD 24042	39.22 0.24 0.00	34.40 0.21 0.00	32.33 0.16 0.00	32.24 0.16 0.00	33.69 0.24 0.00	38.89 0.38 0.00	50.99 0.75 0.00	47.29 0.52 0.00	36.43 0.29 0.00	29.50 0.18 0.00	28.07 0.03 0.00	27.91 0.03 0.00	26.43 0.03 0.00	26.60 -0.03 0.00	26.62 0.00 0.00	27.16 0.00 0.00	31.22 0.12 0.00	35.26 0.21 0.00	46.49 0.46 0.00	55.34 0.39 0.00	62.36 0.31 0.00	48.30 0.43 0.00	38.54 0.19 0.00	32.63 0.20 0.00
N.AKRON__115KV_KNAPP 355671	37.74 -1.25 0.00	32.21 -1.98 0.00	30.37 -1.80 0.00	30.37 -1.70 0.00	31.55 -1.91 0.00	35.50 -3.00 0.00	46.23 -3.42 0.59	44.01 -2.76 0.01	35.35 -1.63 -0.84	28.42 -0.91 0.00	27.15 -0.90 0.00	26.79 -1.09 0.00	25.03 -1.37 0.00	25.14 -1.49 0.00	24.86 -1.76 0.00	25.34 -1.82 0.00	28.28 -2.80 0.02	31.56 -3.47 0.02	38.43 -4.19 3.41	45.28 -4.62 5.05	55.39 -5.46 1.20	41.92 -4.55 1.40	35.00 -3.34 0.02	29.84 -2.59 0.00
N.BELMOR_69_KV_BK1 55787	41.42 2.42 -0.01	36.31 2.12 0.00	33.84 1.67 0.00	33.77 1.70 0.00	35.33 1.87 0.00	40.70 2.19 0.00	52.90 2.66 0.00	48.93 2.15 0.00	37.62 1.48 0.00	30.58 1.26 0.01	29.61 1.57 0.00	29.47 1.59 0.00	29.32 1.74 -1.18	29.81 1.81 -1.38	31.49 1.89 -2.99	31.86 1.87 -2.83	35.43 2.74 -1.60	43.07 3.29 -4.72	52.30 4.05 -2.22	65.25 4.34 -5.96	67.21 5.15 -0.01	52.11 3.73 -0.51	48.27 3.07 -6.85	34.84 2.40 -0.01
N.E._GEN_SANDY PD 24062	40.00 1.01 0.00	35.25 1.06 0.00	33.10 0.93 0.00	33.10 1.03 0.00	34.53 1.07 0.00	39.62 1.12 0.00	51.29 1.06 0.00	48.23 1.45 0.00	37.12 0.98 0.00	30.00 0.68 0.00	28.80 0.76 0.00	28.69 0.81 0.00	27.38 0.74 -0.25	27.82 0.91 -0.29	28.20 0.96 -0.62	28.76 1.01 -0.59	32.58 1.15 -0.33	42.10 1.61 -5.44	49.34 1.98 -1.33	59.00 2.25 -1.80	64.28 2.23 0.00	53.50 1.92 -3.72	47.33 1.54 -7.44	38.00 1.26 -4.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.51 1.52 0.00	35.73 1.54 0.00	33.52 1.35 0.00	33.36 1.28 0.00	34.79 1.34 0.00	40.01 1.50 0.00	52.34 2.11 0.00	48.70 1.92 0.00	37.69 1.55 0.00	30.76 1.44 0.00	29.58 1.54 0.00	29.50 1.62 0.00	30.02 1.64 -1.98	30.62 1.68 -2.31	33.39 1.76 -5.02	33.65 1.74 -4.75	35.79 2.02 -2.67	44.34 2.49 -6.80	49.16 3.13 0.00	58.36 3.41 0.00	66.14 4.10 0.00	50.74 2.87 0.00	40.61 2.26 0.00	34.15 1.72 0.00
N.QUEENS_27_KV_LOAD 356247	40.27 1.29 0.01	35.62 1.44 0.01	33.41 1.25 0.01	33.20 1.12 0.00	34.62 1.17 0.01	39.70 1.19 0.00	51.89 1.66 0.00	48.51 1.73 0.00	37.73 1.59 0.00	31.11 1.79 0.00	29.95 1.91 0.00	29.86 1.98 0.00	29.56 1.98 -1.18	30.03 2.02 -1.38	31.71 2.10 -3.00	32.06 2.06 -2.83	34.99 2.30 -1.59	41.87 2.77 -4.05	49.39 3.36 0.00	58.25 3.30 0.00	65.89 3.85 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
N.TROY___115KV_TB1 355778	40.00 1.01 0.00	35.18 0.99 0.00	33.13 0.96 0.00	33.07 0.99 0.00	34.53 1.07 0.00	39.66 1.16 0.00	51.74 1.51 0.00	48.18 1.40 0.00	37.04 0.90 0.00	29.82 0.50 0.00	28.55 0.50 0.00	28.44 0.56 0.00	26.98 0.58 0.00	27.27 0.64 0.00	27.31 0.69 0.00	27.92 0.76 0.00	32.03 0.93 0.00	36.28 1.23 0.00	47.59 1.56 0.00	56.93 1.98 0.00	64.03 1.99 0.00	49.59 1.72 0.00	39.69 1.34 0.00	33.53 1.10 0.00
NARROWS_GT1_1 24228	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT1_2 24229	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00

NARROWS_GT1_3 24230	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT1_4 24231	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT1_5 24232	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT1_6 24233	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT1_7 24234	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT1_8 24235	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_1 24236	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_2 24237	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_3 24238	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_4 24239	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_5 24240	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_6 24241	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_7 24242	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NARROWS_GT2_8 24243	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.47 1.48 0.00	35.59 1.40 0.00	33.52 1.35 0.00	33.39 1.32 0.00	34.83 1.37 0.00	40.16 1.66 0.00	52.39 2.16 0.00	48.46 1.68 0.00	36.90 0.76 0.00	29.65 0.32 0.00	28.32 0.28 0.00	28.19 0.31 0.00	26.72 0.32 0.00	27.00 0.37 0.00	27.07 0.45 0.00	27.68 0.52 0.00	31.84 0.75 0.00	36.21 1.16 0.00	47.73 1.70 0.00	57.26 2.31 0.00	64.65 2.61 0.00	49.83 1.96 0.00	39.85 1.50 0.00	33.66 1.23 0.00

NCHELSEA_115KV_TR2 355582	40.70 1.72 0.00	35.90 1.71 0.00	33.71 1.54 0.00	33.55 1.48 0.00	34.96 1.51 0.00	40.27 1.77 0.00	52.80 2.56 0.00	48.98 2.20 0.00	37.80 1.66 0.00	30.70 1.38 0.00	29.50 1.46 0.00	29.41 1.53 0.00	28.18 1.53 -0.25	28.49 1.57 -0.29	28.92 1.68 -0.62	29.41 1.66 -0.59	33.42 1.99 -0.33	38.54 2.49 -1.00	49.34 3.31 0.00	58.63 3.68 0.00	66.39 4.34 0.00	50.93 3.06 0.00	40.77 2.42 0.00	34.25 1.82 0.00
NEG CAPITAL___MECHNVIL 23645	40.63 1.64 0.00	35.69 1.50 0.00	33.58 1.41 0.00	33.48 1.41 0.00	35.03 1.57 0.00	40.24 1.73 0.00	52.39 2.16 0.00	48.83 2.06 0.00	37.37 1.23 0.00	30.09 0.76 0.00	28.69 0.65 0.00	28.55 0.67 0.00	26.98 0.58 0.00	27.24 0.61 0.00	27.28 0.67 0.00	27.97 0.81 0.00	32.12 1.02 0.00	36.56 1.51 0.00	48.05 2.02 0.00	57.75 2.80 0.00	65.09 3.04 0.00	50.31 2.44 0.00	40.19 1.84 0.00	33.95 1.52 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.78 -1.21 0.00	32.62 -1.57 0.00	30.88 -1.29 0.00	30.76 -1.32 0.00	31.98 -1.47 0.00	36.81 -1.69 0.00	48.58 -1.76 -0.11	44.82 -1.96 0.00	35.89 -1.27 -1.01	28.50 -0.82 0.00	27.17 -0.87 0.00	26.93 -0.95 0.00	25.58 -0.82 0.00	25.67 -0.96 0.00	25.58 -1.04 0.00	25.97 -1.19 0.00	29.50 -1.58 0.01	32.87 -2.17 0.01	43.80 -2.81 -0.58	52.73 -3.08 -0.86	58.96 -3.29 -0.20	45.24 -2.87 -0.24	36.31 -2.03 0.01	30.78 -1.65 0.00
NEG CENTRAL___DRP 24199	39.14 0.16 0.00	34.02 -0.17 0.00	32.01 -0.16 0.00	31.95 -0.13 0.00	33.29 -0.17 0.00	38.27 -0.23 0.00	50.55 0.00 -0.31	46.59 -0.19 0.00	37.81 -0.11 -1.77	29.30 -0.03 0.00	27.93 -0.11 0.00	27.69 -0.20 0.00	26.11 -0.29 0.00	26.25 -0.37 0.00	26.16 -0.45 0.00	26.70 -0.46 0.00	30.50 -0.59 0.01	34.37 -0.67 0.01	47.19 -0.55 -1.72	58.54 -0.33 -3.92	64.36 -0.25 -2.56	48.94 -0.53 -1.60	37.84 -0.50 0.01	32.01 -0.42 0.00
NEG CENTRAL___INDECK 23768	39.53 0.55 0.00	33.88 -0.31 0.00	32.17 0.00 0.00	32.04 -0.03 0.00	33.26 -0.20 0.00	38.16 -0.35 0.00	53.88 0.20 -3.45	46.15 -0.65 -0.03	36.65 -0.43 -0.94	29.12 -0.20 0.00	27.65 -0.39 0.00	27.27 -0.61 0.00	25.93 -0.47 0.00	25.96 -0.66 0.00	25.90 -0.72 0.00	26.18 -0.98 0.00	29.74 -1.34 0.02	33.49 -1.54 0.02	63.67 -1.29 -18.94	82.26 -0.72 -28.03	68.05 -0.62 -6.63	54.68 -0.96 -7.77	37.45 -0.88 0.02	31.68 -0.74 0.00
NEG CENTRAL___SENECA 23627	39.26 0.27 0.00	33.98 -0.21 0.00	31.97 -0.19 0.00	31.95 -0.13 0.00	33.25 -0.20 0.00	38.16 -0.35 0.00	50.72 0.00 -0.49	46.50 -0.28 0.00	37.28 -0.18 -1.32	29.27 -0.06 0.00	27.87 -0.17 0.00	27.60 -0.28 0.00	25.98 -0.42 0.00	26.12 -0.51 0.00	25.98 -0.64 0.00	26.51 -0.65 0.00	30.27 -0.81 0.01	34.19 -0.84 0.01	48.01 -0.69 -2.67	59.24 -0.38 -4.67	63.70 -0.31 -1.96	48.81 -0.62 -1.56	37.69 -0.65 0.01	31.88 -0.55 0.00
NEG CENTRAL___STATE_STREET 24147	39.14 0.16 0.00	34.15 -0.03 0.00	32.13 -0.03 0.00	32.04 -0.03 0.00	33.42 -0.03 0.00	38.50 0.00 0.00	50.56 0.20 -0.12	46.92 0.14 0.00	38.33 0.11 -2.08	29.44 0.12 0.00	28.10 0.06 0.00	27.85 -0.03 0.00	26.32 -0.08 0.00	26.49 -0.13 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.84 -0.25 0.01	34.73 -0.32 0.01	46.48 -0.23 -0.68	57.80 0.00 -2.85	65.03 0.12 -2.86	49.15 -0.19 -1.48	38.15 -0.19 0.01	32.23 -0.19 0.00
NEG MILLWOOD___DRP 24198	40.78 1.79 0.00	35.97 1.78 0.00	33.74 1.58 0.00	33.61 1.54 0.00	35.03 1.57 0.00	40.39 1.89 0.00	53.05 2.81 0.00	49.12 2.34 0.00	38.02 1.88 0.00	30.88 1.55 0.00	29.67 1.63 0.00	29.55 1.67 0.00	28.35 1.69 -0.26	28.66 1.73 -0.30	29.11 1.84 -0.66	29.58 1.79 -0.62	33.53 2.08 -0.35	39.31 2.63 -1.63	49.48 3.45 0.00	58.74 3.79 0.00	66.51 4.47 0.00	51.08 3.21 0.00	40.88 2.53 0.00	34.31 1.88 0.00
NEG NORTH_FLCN_SEA 23793	39.34 0.35 0.00	34.50 0.31 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	38.97 0.46 0.00	50.94 0.70 0.00	47.34 0.56 0.00	36.54 0.40 0.00	29.59 0.26 0.00	28.18 0.14 0.00	27.99 0.11 0.00	26.48 0.08 0.00	26.68 0.05 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.22 0.12 0.00	35.30 0.25 0.00	46.53 0.51 0.00	55.66 0.71 0.00	62.85 0.81 0.00	48.63 0.77 0.00	38.85 0.50 0.00	32.88 0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	38.91 -0.08 0.00	34.12 -0.07 0.00	32.10 -0.06 0.00	32.01 -0.06 0.00	33.46 0.00 0.00	38.54 0.04 0.00	50.38 0.15 0.00	46.78 0.00 0.00	36.07 -0.07 0.00	29.18 -0.15 0.00	27.82 -0.22 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.36 -0.27 0.00	26.38 -0.24 0.00	26.92 -0.24 0.00	30.88 -0.22 0.00	34.95 -0.11 0.00	46.03 0.00 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.43 0.08 0.00	32.53 0.10 0.00
NEG NORTH___ALICE_FALLS 23915	39.38 0.39 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.82 0.37 0.00	39.00 0.50 0.00	51.09 0.85 0.00	47.34 0.56 0.00	36.50 0.36 0.00	29.56 0.23 0.00	28.13 0.08 0.00	27.96 0.08 0.00	26.45 0.05 0.00	26.65 0.03 0.00	26.64 0.03 0.00	27.24 0.08 0.00	31.25 0.16 0.00	35.37 0.32 0.00	46.67 0.64 0.00	55.88 0.93 0.00	62.98 0.93 0.00	48.78 0.91 0.00	38.89 0.54 0.00	32.92 0.49 0.00
NEG NORTH___LWR_SARANAC 23913	39.38 0.39 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.82 0.37 0.00	39.00 0.50 0.00	51.09 0.85 0.00	47.34 0.56 0.00	36.50 0.36 0.00	29.56 0.23 0.00	28.13 0.08 0.00	27.96 0.08 0.00	26.45 0.05 0.00	26.65 0.03 0.00	26.64 0.03 0.00	27.24 0.08 0.00	31.25 0.16 0.00	35.37 0.32 0.00	46.67 0.64 0.00	55.88 0.93 0.00	62.98 0.93 0.00	48.78 0.91 0.00	38.89 0.54 0.00	32.92 0.49 0.00
NEG NORTH___PLATTSBURG 23628	39.38 0.39 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.82 0.37 0.00	39.00 0.50 0.00	51.14 0.91 0.00	47.29 0.52 0.00	36.50 0.36 0.00	29.56 0.23 0.00	28.13 0.08 0.00	27.96 0.08 0.00	26.45 0.05 0.00	26.65 0.03 0.00	26.64 0.03 0.00	27.24 0.08 0.00	31.32 0.22 0.00	35.36 0.31 0.00	46.67 0.64 0.00	55.88 0.93 0.00	62.98 0.93 0.00	48.78 0.91 0.00	38.89 0.54 0.00	32.92 0.49 0.00
NEG WEST_LEA_LOCKPORT 23791	37.16 -1.83 0.00	31.73 -2.46 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.69 -3.81 0.00	43.84 -5.58 0.81	42.05 -4.72 0.01	34.05 -2.93 -0.84	27.57 -1.76 0.00	26.36 -1.68 0.00	26.01 -1.87 0.00	24.31 -2.09 0.00	24.42 -2.21 0.00	24.17 -2.45 0.00	24.58 -2.58 0.00	27.78 -3.30 0.02	30.90 -4.14 0.02	36.23 -5.16 4.64	42.25 -5.82 6.87	53.53 -6.89 1.63	40.36 -5.60 1.91	34.15 -4.18 0.02	29.25 -3.18 0.00
NEG WEST___LANCASTR 23811	37.39 -1.60 0.00	32.00 -2.19 0.00	30.14 -2.03 0.00	30.15 -1.92 0.00	31.21 -2.24 0.00	35.00 -3.50 0.00	47.34 -1.86 1.03	42.33 -4.44 0.01	34.22 -2.78 -0.86	27.57 -1.76 0.00	26.39 -1.65 0.00	26.01 -1.87 0.00	24.34 -2.06 0.00	24.44 -2.18 0.00	24.22 -2.40 0.00	24.66 -2.50 0.00	28.12 -2.95 0.02	32.57 -2.45 0.02	39.01 -2.07 4.94	45.64 -2.03 7.28	57.03 -3.29 1.73	43.60 -2.25 2.02	34.92 -3.41 0.02	29.48 -2.95 0.00

NEG_PENN_ALLEGHNY 23528	39.53 0.55 0.00	34.53 0.34 0.00	32.52 0.35 0.00	32.39 0.32 0.00	33.76 0.30 0.00	38.85 0.35 0.00	50.65 0.60 0.18	47.24 0.47 0.00	37.58 0.36 -1.08	29.65 0.32 0.00	28.32 0.28 0.00	28.13 0.25 0.00	26.66 0.26 0.00	26.82 0.19 0.00	26.78 0.16 0.00	27.27 0.11 0.00	31.21 0.09 -0.02	35.28 0.21 -0.02	45.47 0.46 1.01	55.02 0.71 0.64	63.72 0.80 -0.87	48.49 0.48 -0.14	38.64 0.27 -0.02	32.59 0.16 0.00
NEG___GEN_MONROE 24207	38.29 -0.70 0.00	32.89 -1.30 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.22 -1.24 0.00	36.89 -1.62 0.00	47.72 -2.51 0.00	44.95 -1.82 0.00	35.86 -1.12 -0.84	28.68 -0.65 0.00	27.40 -0.64 0.00	27.10 -0.78 0.00	25.45 -0.95 0.00	25.59 -1.04 0.00	25.39 -1.22 0.00	25.88 -1.28 0.00	29.38 -1.71 0.01	32.76 -2.28 0.01	43.17 -2.85 0.00	51.93 -3.02 0.00	58.76 -3.29 0.00	45.09 -2.78 0.00	36.38 -1.96 0.01	30.97 -1.46 0.00
NEPA___ENERGY 23901	38.40 -0.58 0.00	32.89 -1.30 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.08 -1.37 0.00	36.00 -2.50 0.00	46.81 -2.36 1.06	43.68 -3.09 0.01	35.31 -1.70 -0.87	28.45 -0.88 0.00	27.20 -0.84 0.00	26.82 -1.06 0.00	25.11 -1.29 0.00	25.22 -1.41 0.00	24.99 -1.62 0.00	25.42 -1.74 0.00	28.87 -2.21 0.02	32.57 -2.45 0.02	37.77 -2.67 5.58	43.96 -2.75 8.24	56.74 -3.35 1.95	42.71 -2.87 2.29	35.49 -2.84 0.02	30.22 -2.21 0.00
NEVERSINK___HYD 23608	40.82 1.83 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.65 1.57 0.00	35.06 1.61 0.00	40.43 1.92 0.00	52.79 2.56 0.00	49.16 2.38 0.00	37.91 1.77 0.00	30.73 1.41 0.00	29.50 1.46 0.00	29.44 1.56 0.00	27.61 1.45 0.24	27.84 1.49 0.28	27.59 1.57 0.60	28.26 1.63 0.53	32.70 1.90 0.30	36.82 2.53 0.76	49.43 3.41 0.00	58.85 3.90 0.00	66.57 4.53 0.00	51.08 3.21 0.00	40.81 2.46 0.00	34.31 1.88 0.00
NEWKRMKL_115KV_TB1 55635	39.61 0.62 0.00	34.84 0.65 0.00	32.81 0.64 0.00	32.72 0.64 0.00	34.12 0.67 0.00	39.24 0.73 0.00	51.14 0.90 0.00	47.62 0.84 0.00	36.50 0.36 0.00	29.53 0.21 0.00	28.29 0.25 0.00	28.16 0.28 0.00	26.69 0.29 0.00	26.97 0.35 0.00	27.02 0.40 0.00	27.59 0.43 0.00	31.66 0.56 0.00	35.75 0.70 0.00	46.76 0.74 0.00	55.88 0.93 0.00	62.98 0.93 0.00	48.68 0.81 0.00	39.00 0.65 0.00	33.01 0.58 0.00
NEWTON___FALLS_HYD 23847	38.60 -0.39 0.00	33.88 -0.31 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.19 -0.27 0.00	38.39 -0.12 0.00	50.03 -0.20 0.00	45.89 -0.89 0.00	36.03 -1.12 -1.01	28.18 -1.14 0.00	26.81 -1.23 0.00	26.74 -1.14 0.00	25.29 -1.11 0.00	25.46 -1.17 0.00	25.39 -1.22 0.00	25.96 -1.20 0.00	29.85 -1.24 0.00	33.79 -1.26 0.00	44.88 -1.15 0.00	55.15 -0.71 -0.92	62.60 -0.74 -1.30	47.84 -0.62 -0.59	38.05 -0.31 0.00	32.14 -0.29 0.00
NGRID_A1_DSASP 323792	37.10 -1.87 0.02	31.76 -2.43 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.56 -3.93 0.02	43.57 -5.68 0.98	41.98 -4.77 0.03	33.97 -2.96 -0.80	27.55 -1.76 0.02	26.34 -1.68 0.02	25.99 -1.87 0.02	24.32 -2.06 0.02	24.40 -2.21 0.02	24.17 -2.42 0.02	24.61 -2.53 0.02	27.79 -3.27 0.04	30.84 -4.17 0.04	35.33 -5.39 5.31	40.98 -6.10 7.87	53.04 -7.14 1.87	39.93 -5.74 2.19	34.06 -4.26 0.04	29.25 -3.18 0.00
NGRID_A2_DSASP 323793	37.10 -1.87 0.02	31.76 -2.43 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.56 -3.93 0.02	43.57 -5.68 0.98	41.98 -4.77 0.03	33.97 -2.96 -0.80	27.55 -1.76 0.02	26.34 -1.68 0.02	25.99 -1.87 0.02	24.32 -2.06 0.02	24.40 -2.21 0.02	24.17 -2.42 0.02	24.61 -2.53 0.02	27.79 -3.27 0.04	30.84 -4.17 0.04	35.33 -5.39 5.31	40.98 -6.10 7.87	53.04 -7.14 1.87	39.93 -5.74 2.19	34.06 -4.26 0.04	29.25 -3.18 0.00
NGRID_A4_DSASP 323807	37.10 -1.87 0.02	31.76 -2.43 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.56 -3.93 0.02	43.57 -5.68 0.98	41.98 -4.77 0.03	33.97 -2.96 -0.80	27.55 -1.76 0.02	26.34 -1.68 0.02	25.99 -1.87 0.02	24.32 -2.06 0.02	24.40 -2.21 0.02	24.17 -2.42 0.02	24.61 -2.53 0.02	27.79 -3.27 0.04	30.84 -4.17 0.04	35.33 -5.39 5.31	40.98 -6.10 7.87	53.04 -7.14 1.87	39.93 -5.74 2.19	34.06 -4.26 0.04	29.25 -3.18 0.00
NIAGARA_115E_LBMP 323715	36.45 -2.53 0.00	31.15 -3.04 0.00	29.62 -2.54 0.00	29.44 -2.63 0.00	30.41 -3.04 0.00	34.15 -4.35 0.00	44.12 -5.23 0.89	41.16 -5.61 0.01	33.43 -3.54 -0.83	27.13 -2.20 0.00	25.88 -2.16 0.00	25.51 -2.37 0.00	24.42 -1.98 0.00	24.42 -2.21 0.00	24.33 -2.29 0.00	24.28 -2.88 0.00	27.35 -3.73 0.02	30.20 -4.84 0.02	34.69 -6.03 5.31	40.10 -6.98 7.87	51.99 -8.19 1.86	39.03 -6.65 2.18	33.42 -4.91 0.02	28.67 -3.76 0.00
NIAGARA_115W_LBMP 323714	37.02 -1.95 0.02	31.69 -2.49 0.00	30.17 -1.99 0.00	29.99 -2.08 0.00	30.98 -2.48 0.00	34.71 -3.77 0.02	44.83 -4.42 0.98	41.93 -4.82 0.03	34.04 -2.89 -0.80	27.57 -1.73 0.02	26.28 -1.74 0.02	25.94 -1.92 0.02	24.82 -1.56 0.02	24.82 -1.78 0.02	24.73 -1.86 0.02	24.70 -2.44 0.02	27.86 -3.20 0.04	30.77 -4.24 0.04	35.29 -5.43 5.31	40.93 -6.15 7.87	53.04 -7.13 1.87	39.84 -5.84 2.19	34.02 -4.29 0.04	29.22 -3.21 0.00
NIAGARA_230_LBMP 323716	37.20 -1.79 0.00	31.79 -2.39 0.00	30.24 -1.93 0.00	30.05 -2.02 0.00	31.05 -2.41 0.00	34.88 -3.62 0.00	45.00 -4.27 0.96	42.09 -4.68 0.01	34.21 -2.75 -0.82	27.71 -1.61 0.00	26.42 -1.63 0.00	26.07 -1.81 0.00	24.95 -1.45 0.00	24.95 -1.68 0.00	24.86 -1.76 0.00	24.82 -2.34 0.00	28.00 -3.08 0.02	30.90 -4.14 0.02	35.45 -5.29 5.29	41.00 -6.10 7.85	53.25 -6.95 1.85	40.00 -5.70 2.17	34.15 -4.18 0.02	29.32 -3.11 0.00
NIAGARA___115KV_198_GIBSON 55903	37.02 -1.95 0.02	31.69 -2.50 0.00	29.85 -2.32 0.00	29.86 -2.21 0.00	30.98 -2.48 0.00	34.52 -3.97 0.02	43.47 -5.78 0.98	41.89 -4.86 0.03	33.94 -3.00 -0.80	27.49 -1.82 0.02	26.28 -1.74 0.02	25.96 -1.90 0.02	24.27 -2.11 0.02	24.37 -2.24 0.02	24.15 -2.45 0.02	24.56 -2.58 0.02	27.73 -3.33 0.04	30.81 -4.21 0.04	35.29 -5.43 5.31	40.93 -6.15 7.87	52.91 -7.26 1.87	39.84 -5.84 2.19	34.02 -4.30 0.04	29.22 -3.21 0.00
NIAGARA____ 23760	37.19 -1.79 0.01	31.79 -2.39 0.00	30.24 -1.93 0.00	30.05 -2.02 0.00	31.05 -2.41 0.00	34.88 -3.62 0.00	45.03 -4.27 0.93	42.09 -4.68 0.01	34.21 -2.75 -0.82	27.71 -1.61 0.00	26.41 -1.63 0.00	26.06 -1.81 0.00	24.94 -1.45 0.01	24.95 -1.68 0.01	24.85 -1.76 0.01	24.82 -2.34 0.00	28.00 -3.08 0.02	30.89 -4.14 0.02	35.44 -5.29 5.30	40.99 -6.10 7.86	53.24 -6.95 1.86	39.99 -5.70 2.18	34.15 -4.18 0.02	29.32 -3.11 0.00
NINE_MILE_1 23575	37.97 -1.01 0.00	33.20 -0.99 0.00	31.30 -0.87 0.00	31.18 -0.90 0.00	32.48 -0.97 0.00	37.43 -1.08 0.00	48.93 -1.31 0.00	45.52 -1.26 0.00	24.53 -0.94 10.67	28.62 -0.70 0.00	27.34 -0.70 0.00	27.16 -0.73 0.00	25.71 -0.69 0.00	25.91 -0.72 0.00	25.90 -0.72 0.00	26.40 -0.76 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.42 -1.61 11.12	41.96 -1.87 15.79	44.21 -2.05 7.21	38.98 -1.68 0.00	37.05 -1.30 0.00	31.36 -1.07 0.00

NINE_MILE_2 23744	37.97 -1.01 0.00	33.23 -0.96 0.00	31.30 -0.87 0.00	31.18 -0.90 0.00	32.52 -0.94 0.00	37.43 -1.08 0.00	48.93 -1.31 0.00	45.52 -1.26 0.00	24.35 -0.94 10.85	28.62 -0.70 0.00	27.34 -0.70 0.00	27.16 -0.73 0.00	25.71 -0.69 0.00	25.91 -0.72 0.00	25.90 -0.72 0.00	26.40 -0.76 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.42 -1.61 0.00	41.80 -1.87 11.28	43.97 -2.05 16.03	38.87 -1.68 7.32	37.05 -1.30 0.00	31.36 -1.07 0.00
NM_CAPITAL___DRP 24208	39.61 0.62 0.00	34.87 0.68 0.00	32.84 0.68 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.14 0.90 0.00	47.67 0.89 0.00	36.61 0.47 0.00	29.59 0.26 0.00	28.35 0.31 0.00	28.22 0.33 0.00	26.77 0.37 0.00	27.08 0.45 0.00	27.12 0.51 0.00	27.68 0.52 0.00	31.75 0.65 0.00	35.86 0.81 0.00	46.90 0.87 0.00	55.99 1.04 0.00	63.10 1.05 0.00	48.78 0.91 0.00	39.12 0.77 0.00	33.08 0.65 0.00
NM_CENTRAL___DRP 24181	38.83 -0.16 0.00	33.95 -0.24 0.00	31.94 -0.23 0.00	31.85 -0.22 0.00	33.22 -0.23 0.00	38.27 -0.23 0.00	49.98 -0.25 0.00	46.64 -0.14 0.00	38.24 -0.07 -2.17	29.30 -0.03 0.00	27.99 -0.06 0.00	27.80 -0.08 0.00	26.27 -0.13 0.00	26.47 -0.16 0.00	26.40 -0.21 0.00	26.94 -0.22 0.00	30.82 -0.28 0.00	34.63 -0.42 0.00	45.52 -0.51 0.00	55.99 -0.49 -1.53	63.79 -0.43 -2.18	48.34 -0.53 -1.00	37.97 -0.38 0.00	32.07 -0.36 0.00
NM_FRONTIER___DRP 24179	37.02 -1.95 0.02	31.69 -2.50 0.00	29.85 -2.32 0.00	29.86 -2.21 0.00	30.98 -2.48 0.00	34.52 -3.97 0.02	43.47 -5.78 0.98	41.89 -4.86 0.03	33.94 -3.00 -0.80	27.49 -1.82 0.02	26.28 -1.74 0.02	25.96 -1.90 0.02	24.27 -2.11 0.02	24.37 -2.24 0.02	24.15 -2.45 0.02	24.56 -2.58 0.02	27.73 -3.33 0.04	30.81 -4.21 0.04	35.29 -5.43 5.31	40.93 -6.15 7.87	52.91 -7.26 1.87	39.84 -5.84 2.19	34.02 -4.30 0.04	29.22 -3.21 0.00
NM_ST_REGIS___HYD 24053	38.33 -0.66 0.00	33.68 -0.51 0.00	31.65 -0.51 0.00	31.53 -0.55 0.00	32.99 -0.47 0.00	38.12 -0.39 0.00	49.38 -0.85 0.00	45.52 -1.26 0.00	35.47 -1.30 -0.63	28.09 -1.23 0.00	26.72 -1.32 0.00	26.65 -1.23 0.00	25.24 -1.16 0.00	25.43 -1.20 0.00	25.42 -1.20 0.00	25.96 -1.20 0.00	29.82 -1.27 0.00	33.61 -1.44 0.00	44.51 -1.52 0.00	54.80 -0.71 -0.56	61.98 -0.87 -0.80	47.71 -0.53 -0.37	38.01 -0.35 0.00	32.14 -0.29 0.00
NORTHPORT___1 23551	41.38 2.38 -0.01	36.27 2.09 0.00	33.71 1.54 0.00	33.68 1.60 0.00	35.29 1.84 0.00	40.62 2.12 0.00	52.29 2.06 0.00	48.65 1.87 0.00	37.37 1.23 0.00	30.28 0.97 0.01	29.42 1.37 0.00	29.30 1.42 0.00	29.08 1.50 -1.18	29.60 1.60 -1.38	31.25 1.65 -2.99	31.65 1.68 -2.81	35.36 2.67 -1.59	42.89 3.29 -4.54	51.57 3.91 -1.63	68.48 4.12 -9.41	73.02 4.84 -6.14	51.83 3.59 -0.37	46.49 3.11 -5.03	34.84 2.40 -0.01
NORTHPORT___2 23552	41.30 2.30 -0.01	36.17 1.98 0.00	33.65 1.48 0.00	33.61 1.54 0.00	35.23 1.77 0.00	40.54 2.04 0.00	52.14 1.91 0.00	48.46 1.68 0.00	37.22 1.08 0.00	30.17 0.85 0.01	29.31 1.26 0.00	29.19 1.31 0.00	28.98 1.40 -1.18	29.49 1.49 -1.38	31.15 1.54 -2.99	31.54 1.57 -2.81	35.30 2.61 -1.59	42.82 3.22 -4.54	51.39 3.73 -1.63	50.77 3.85 8.02	51.34 4.53 15.23	51.64 3.40 -0.37	46.42 3.03 -5.04	34.77 2.34 -0.01
NORTHPORT___3 23553	41.26 2.26 -0.01	36.17 1.98 0.00	33.62 1.45 0.00	33.58 1.51 0.00	35.19 1.74 0.00	40.50 2.00 0.00	52.14 1.91 0.00	48.51 1.73 0.00	37.26 1.12 0.00	30.20 0.88 0.01	29.33 1.29 0.00	29.22 1.34 0.00	28.98 1.40 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.27 2.58 -1.59	42.82 3.22 -4.54	51.39 3.73 -1.64	55.89 3.79 2.85	57.61 4.47 8.90	51.59 3.35 -0.37	46.39 2.99 -5.05	34.74 2.30 -0.01
NORTHPORT___4 23650	41.26 2.26 -0.01	36.17 1.98 0.00	33.62 1.45 0.00	33.58 1.51 0.00	35.19 1.74 0.00	40.50 2.00 0.00	52.14 1.91 0.00	48.51 1.73 0.00	37.26 1.12 0.00	30.20 0.88 0.01	29.33 1.29 0.00	29.22 1.34 0.00	28.98 1.40 -1.18	29.52 1.52 -1.38	31.17 1.57 -2.99	31.57 1.60 -2.81	35.27 2.58 -1.59	42.82 3.22 -4.54	51.39 3.73 -1.64	55.89 3.79 2.85	57.61 4.47 8.90	51.59 3.35 -0.37	46.39 2.99 -5.05	34.74 2.30 -0.01
NORTHPORT___IC 23718	41.30 2.30 -0.01	36.17 1.98 0.00	33.68 1.51 0.00	33.65 1.57 0.00	35.23 1.77 0.00	40.54 2.04 0.00	52.59 2.36 0.00	48.46 1.68 0.00	37.19 1.05 0.00	30.17 0.85 0.01	29.25 1.21 0.00	29.11 1.23 0.00	29.00 1.43 -1.18	29.52 1.52 -1.38	31.20 1.60 -2.99	31.56 1.58 -2.83	35.37 2.67 -1.60	42.82 3.22 -4.54	51.39 3.73 -1.63	50.77 3.85 8.02	51.34 4.53 15.23	51.59 3.35 -0.37	46.38 2.99 -5.04	34.77 2.33 -0.01
NORTH___COUNTRY_ESR 323785	38.83 -0.16 0.00	34.05 -0.14 0.00	32.04 -0.13 0.00	31.95 -0.13 0.00	33.39 -0.07 0.00	38.47 -0.04 0.00	50.28 0.05 0.00	46.68 -0.09 0.00	36.03 -0.11 0.00	29.21 -0.12 0.00	27.82 -0.23 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.36 -0.27 0.00	26.35 -0.27 0.00	26.91 -0.24 0.00	30.91 -0.19 0.00	34.88 -0.17 0.00	45.89 -0.14 0.00	54.89 -0.05 0.00	61.98 -0.06 0.00	47.96 0.10 0.00	38.35 0.00 0.00	32.46 0.03 0.00
NPX_GEN_1385_PROXY 323591	41.30 2.30 -0.01	36.17 1.98 0.00	33.65 1.48 0.00	33.61 1.54 0.00	35.23 1.77 0.00	40.54 2.04 0.00	52.14 1.91 0.00	48.46 1.68 0.00	37.22 1.08 0.00	30.17 0.85 0.01	29.31 1.26 0.00	29.19 1.31 0.00	28.98 1.40 -1.18	29.49 1.49 -1.38	31.15 1.54 -2.99	31.54 1.57 -2.81	35.30 2.61 -1.59	42.82 3.22 -4.54	51.39 3.73 -1.63	50.77 3.85 8.02	51.34 4.53 15.23	51.64 3.40 -0.37	46.42 3.03 -5.04	34.77 2.34 -0.01
NPX_GEN_CSC 323557	41.84 2.84 -0.01	36.62 2.43 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.97 2.47 0.00	52.69 2.46 0.00	48.98 2.20 0.00	37.55 1.41 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.58 2.89 -1.59	43.31 3.71 -4.55	52.28 4.60 -1.65	67.33 5.05 -7.33	71.40 5.83 -3.52	52.55 4.31 -0.38	46.97 3.53 -5.09	35.26 2.82 -0.01
NSINS_S_GLNS_FALLS 23858	40.78 1.79 0.00	35.83 1.64 0.00	33.81 1.64 0.00	33.65 1.57 0.00	35.23 1.77 0.00	40.58 2.08 0.00	53.10 2.86 0.00	49.12 2.34 0.00	37.48 1.34 0.00	30.12 0.79 0.00	28.58 0.53 0.00	28.38 0.50 0.00	26.85 0.45 0.00	27.08 0.45 0.00	27.12 0.51 0.00	27.81 0.65 0.00	31.94 0.84 0.00	36.38 1.33 0.00	47.91 1.89 0.00	57.86 2.91 0.00	65.33 3.29 0.00	50.41 2.54 0.00	40.15 1.80 0.00	34.02 1.59 0.00
NUCOR_STEEL___DRP 24197	39.26 0.27 0.00	34.26 0.07 0.00	32.23 0.06 0.00	32.14 0.06 0.00	33.52 0.07 0.00	38.62 0.12 0.00	50.48 0.25 0.00	47.01 0.23 0.00	38.46 0.14 -2.17	29.47 0.15 0.00	28.13 0.08 0.00	27.91 0.03 0.00	26.35 -0.05 0.00	26.55 -0.08 0.00	26.48 -0.13 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.80 -0.25 0.00	45.84 -0.18 0.00	56.93 0.00 -1.98	64.98 0.12 -2.81	49.01 -0.14 -1.28	38.23 -0.12 0.00	32.33 -0.10 0.00

NUMBER_THREE_WT_PWR 323818	39.30 0.31 0.00	34.50 0.31 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.82 0.37 0.00	39.12 0.61 0.00	51.29 1.06 0.00	47.06 0.28 0.00	37.08 -0.29 -1.23	28.85 -0.47 0.00	27.43 -0.62 0.00	27.35 -0.53 0.00	25.87 -0.53 0.00	26.02 -0.61 0.00	25.92 -0.69 0.00	26.54 -0.62 0.00	30.54 -0.56 0.00	34.67 -0.38 0.00	46.07 0.05 0.00	56.75 0.71 -1.09	64.52 0.93 -1.54	49.05 0.48 -0.70	38.81 0.46 0.00	32.72 0.29 0.00
NYISO_LBMP_REFERENCE 24008	38.99 0.00 0.00	34.19 0.00 0.00	32.17 0.00 0.00	32.07 0.00 0.00	33.46 0.00 0.00	38.50 0.00 0.00	50.23 0.00 0.00	46.78 0.00 0.00	36.14 0.00 0.00	29.33 0.00 0.00	28.04 0.00 0.00	27.88 0.00 0.00	26.40 0.00 0.00	26.63 0.00 0.00	26.62 0.00 0.00	27.16 0.00 0.00	31.10 0.00 0.00	35.05 0.00 0.00	46.03 0.00 0.00	54.95 0.00 0.00	62.05 0.00 0.00	47.87 0.00 0.00	38.35 0.00 0.00	32.43 0.00 0.00
NYPA_BRENTWD____GT 24164	41.77 2.77 -0.01	36.58 2.39 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.97 2.47 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.66 1.52 0.00	30.49 1.17 0.01	29.64 1.60 0.00	29.50 1.62 0.00	29.27 1.69 -1.18	29.82 1.81 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.29 3.68 -4.56	52.22 4.51 -1.68	67.14 4.89 -7.30	71.10 5.65 -3.41	52.46 4.21 -0.38	47.05 3.53 -5.17	35.19 2.75 -0.01
NYPA_GOWANUS____GT5 24156	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NYPA_GOWANUS____GT6 24157	40.83 1.83 -0.01	36.11 1.91 -0.01	33.85 1.67 -0.01	33.62 1.54 -0.01	35.06 1.61 0.00	40.05 1.54 0.00	52.04 1.81 0.00	48.70 1.92 0.00	37.80 1.66 0.00	31.03 1.70 0.00	29.92 1.88 0.00	29.86 1.98 0.00	29.48 1.90 -1.18	29.93 1.92 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	35.02 2.33 -1.58	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.20 4.16 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00
NYPA_HARLEM__RVR__GT1 24160	40.26 1.28 0.02	35.61 1.44 0.02	33.37 1.22 0.02	33.17 1.09 0.00	34.61 1.17 0.02	39.65 1.15 0.01	51.58 1.36 0.01	48.41 1.64 0.01	37.72 1.59 0.01	31.03 1.70 0.00	29.92 1.88 0.00	29.85 1.98 0.01	29.48 1.90 -1.17	29.92 1.92 -1.37	31.57 1.97 -2.99	31.95 1.98 -2.81	34.85 2.18 -1.58	41.75 2.66 -4.04	49.29 3.27 0.01	58.13 3.19 0.01	65.76 3.72 0.01	50.59 2.73 0.01	40.54 2.18 0.00	34.05 1.62 0.00
NYPA_HARLEM__RVR__GT2 24161	40.26 1.28 0.02	35.61 1.44 0.02	33.37 1.22 0.02	33.17 1.09 0.00	34.61 1.17 0.02	39.65 1.15 0.01	51.58 1.36 0.01	48.41 1.64 0.01	37.72 1.59 0.01	31.03 1.70 0.00	29.92 1.88 0.00	29.85 1.98 0.01	29.48 1.90 -1.17	29.92 1.92 -1.37	31.57 1.97 -2.99	31.95 1.98 -2.81	34.85 2.18 -1.58	41.75 2.66 -4.04	49.29 3.27 0.01	58.13 3.19 0.01	65.76 3.72 0.01	50.59 2.73 0.01	40.54 2.18 0.00	34.05 1.62 0.00
NYPA_KENT____GT 24152	40.71 1.71 0.00	36.00 1.81 0.00	33.75 1.58 0.00	33.52 1.44 0.00	34.99 1.54 0.00	40.05 1.54 0.00	51.99 1.76 0.00	48.70 1.92 0.00	37.84 1.70 0.00	31.05 1.73 0.00	29.95 1.91 0.00	29.89 2.01 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.07 2.09 -2.82	34.98 2.30 -1.58	42.01 2.91 -4.05	49.62 3.59 0.00	58.47 3.52 0.00	66.20 4.16 0.00	51.03 3.16 0.00	40.88 2.53 0.00	34.38 1.95 0.00
NYPA_POUCH1____GT 24155	40.91 1.91 -0.01	36.18 1.98 -0.01	33.91 1.74 -0.01	33.72 1.63 -0.01	35.13 1.67 0.00	40.05 1.54 0.00	51.89 1.66 0.00	48.56 1.78 0.00	37.66 1.52 0.00	30.88 1.55 0.00	29.78 1.74 0.00	29.72 1.84 0.00	29.35 1.77 -1.18	29.79 1.78 -1.38	31.61 2.00 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.58	42.01 2.91 -4.05	49.66 3.64 0.00	58.36 3.41 0.00	66.08 4.03 0.00	51.17 3.30 0.00	41.00 2.64 0.00	34.47 2.04 0.00
NYPA_VERNON____GT2 24162	40.59 1.60 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.89 1.44 0.00	40.00 1.50 0.00	51.99 1.76 0.00	48.74 1.96 0.00	37.91 1.77 0.00	31.08 1.76 0.00	30.00 1.96 0.00	29.94 2.06 0.00	29.54 1.95 -1.18	30.01 2.00 -1.38	31.66 2.05 -3.00	32.04 2.06 -2.82	34.98 2.30 -1.58	41.94 2.84 -4.05	49.52 3.50 0.00	58.41 3.46 0.00	66.14 4.09 0.00	50.89 3.02 0.00	40.81 2.46 0.00	34.31 1.88 0.00
NYPA_VERNON____GT3 24163	40.59 1.60 0.00	35.90 1.71 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.89 1.44 0.00	40.00 1.50 0.00	51.99 1.76 0.00	48.74 1.96 0.00	37.91 1.77 0.00	31.08 1.76 0.00	30.00 1.96 0.00	29.94 2.06 0.00	29.54 1.95 -1.18	30.01 2.00 -1.38	31.66 2.05 -3.00	32.04 2.06 -2.82	34.98 2.30 -1.58	41.94 2.84 -4.05	49.52 3.50 0.00	58.41 3.46 0.00	66.14 4.09 0.00	50.89 3.02 0.00	40.81 2.46 0.00	34.31 1.88 0.00
NYPA__ASTORIA_CC1 323568	40.51 1.52 0.00	35.86 1.67 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.86 1.40 0.00	39.93 1.43 0.00	51.89 1.66 0.00	48.65 1.87 0.00	37.84 1.70 0.00	31.05 1.73 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.63 2.02 -3.00	32.02 2.04 -2.82	34.92 2.24 -1.58	41.87 2.77 -4.05	49.43 3.41 0.00	58.30 3.35 0.00	65.96 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.24 1.81 0.00
NYPA__ASTORIA_CC2 323569	40.51 1.52 0.00	35.86 1.67 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.86 1.40 0.00	39.93 1.43 0.00	51.89 1.66 0.00	48.65 1.87 0.00	37.84 1.70 0.00	31.05 1.73 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.63 2.02 -3.00	32.02 2.04 -2.82	34.92 2.24 -1.58	41.87 2.77 -4.05	49.43 3.41 0.00	58.30 3.35 0.00	65.96 3.91 0.00	50.79 2.92 0.00	40.73 2.38 0.00	34.24 1.81 0.00
NYPA__HOLTSVILL 23794	41.65 2.65 -0.01	36.48 2.29 0.00	33.87 1.70 0.00	33.84 1.76 0.00	35.46 2.01 0.00	40.81 2.31 0.00	52.55 2.31 0.00	48.83 2.06 0.00	37.51 1.37 0.00	30.34 1.03 0.01	29.50 1.46 0.00	29.36 1.48 0.00	29.16 1.58 -1.18	29.71 1.71 -1.38	31.36 1.76 -2.99	31.76 1.79 -2.81	35.49 2.80 -1.59	43.14 3.54 -4.55	52.00 4.33 -1.65	67.05 4.67 -7.44	71.10 5.40 -3.66	52.26 4.02 -0.38	46.78 3.33 -5.09	35.06 2.63 -0.01
NYPA__HELLGATE_GT1 24158	40.27 1.28 0.00	35.62 1.44 0.00	33.39 1.22 0.00	33.17 1.09 0.00	34.62 1.17 0.00	39.65 1.15 0.01	51.58 1.36 0.01	48.41 1.64 0.01	37.72 1.59 0.01	31.03 1.70 0.00	29.92 1.88 0.00	29.85 1.98 0.01	29.48 1.90 -1.17	29.92 1.92 -1.37	31.57 1.97 -2.99	31.95 1.98 -2.81	34.85 2.18 -1.58	41.75 2.66 -4.04	49.24 3.22 0.01	58.07 3.13 0.01	65.70 3.66 0.01	50.54 2.68 0.01	40.54 2.18 0.00	34.05 1.62 0.00

NYPA_____HELLGATE_GT2 24159	40.27	35.62	33.39	33.17	34.62	39.65	51.58	48.41	37.72	31.03	29.92	29.85	29.48	29.92	31.57	31.95	34.85	41.75	49.24	58.07	65.70	50.54	40.54	34.05
	1.28	1.44	1.22	1.09	1.17	1.15	1.36	1.64	1.59	1.70	1.88	1.98	1.90	1.92	1.97	1.98	2.18	2.66	3.22	3.13	3.66	2.68	2.18	1.62
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.01	-1.17	-1.37	-2.99	-2.81	-1.58	-4.04	0.01	0.01	0.01	0.01	0.00	0.00
NYS_BARGE___HYD 23848	37.12	31.69	30.17	29.99	30.98	34.84	45.15	42.00	34.08	27.59	26.33	25.96	24.82	24.82	24.73	24.72	27.85	30.86	36.46	42.54	53.68	40.36	34.12	29.22
	-1.87	-2.49	-1.99	-2.08	-2.48	-3.66	-4.32	-4.77	-2.89	-1.73	-1.71	-1.92	-1.58	-1.81	-1.89	-2.44	-3.23	-4.17	-5.15	-5.88	-6.83	-5.70	-4.22	-3.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.01	-0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	4.41	6.53	1.54	1.81	0.02	0.00
OAK ORCHARD___HYD 24046	38.32	32.99	31.27	31.14	32.32	37.15	48.93	45.19	36.11	28.91	27.54	27.29	25.95	26.04	25.92	26.26	29.78	33.08	43.54	52.26	59.19	45.28	36.62	31.07
	-0.66	-1.20	-0.90	-0.93	-1.14	-1.35	-1.31	-1.59	-0.87	-0.41	-0.50	-0.59	-0.45	-0.59	-0.69	-0.90	-1.30	-1.96	-2.49	-2.69	-2.85	-2.59	-1.73	-1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
OAKDALE___35_KV_LOAD 356122	39.42	34.46	32.42	32.33	33.69	38.70	50.52	47.06	37.43	29.56	28.24	28.05	26.53	26.71	26.67	27.21	31.18	35.21	45.22	54.53	63.43	48.26	38.53	32.53
	0.43	0.27	0.26	0.26	0.23	0.19	0.50	0.28	0.22	0.23	0.20	0.17	0.13	0.08	0.05	0.05	0.06	0.14	0.37	0.49	0.62	0.34	0.15	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	-1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	1.18	0.91	-0.77	-0.06	-0.02	0.00
OCC_CHEM___DRP 24175	37.10	31.76	29.88	29.89	31.01	34.56	43.57	41.98	33.97	27.55	26.34	25.99	24.32	24.40	24.17	24.61	27.79	30.84	35.33	40.98	53.04	39.93	34.06	29.25
	-1.87	-2.43	-2.28	-2.18	-2.44	-3.93	-5.68	-4.77	-2.96	-1.76	-1.68	-1.87	-2.06	-2.21	-2.42	-2.53	-3.27	-4.17	-5.39	-6.10	-7.14	-5.74	-4.26	-3.18
	0.02	0.00	0.00	0.00	0.00	0.02	0.98	0.03	-0.80	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	5.31	7.87	1.87	2.19	0.04	0.00
OH_GEN_PROXY 24063	37.27	31.86	30.30	30.12	31.11	35.00	45.23	42.33	34.35	27.80	26.50	26.15	25.00	25.00	24.94	24.91	28.09	31.07	35.80	41.48	53.60	40.29	34.31	29.41
	-1.71	-2.33	-1.87	-1.96	-2.34	-3.50	-4.07	-4.44	-2.60	-1.53	-1.54	-1.73	-1.40	-1.63	-1.68	-2.25	-2.99	-3.96	-5.06	-5.83	-6.64	-5.46	-4.03	-3.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.01	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	5.16	7.64	1.81	2.12	0.02	0.00
OLIN_CORP_DRP 24177	36.57	31.21	29.40	29.41	30.51	34.04	42.74	41.30	33.50	27.13	25.97	25.62	23.94	24.04	23.79	24.23	27.32	30.34	34.52	39.81	51.95	39.05	33.54	28.76
	-2.42	-2.97	-2.77	-2.66	-2.94	-4.47	-6.58	-5.47	-3.47	-2.20	-2.08	-2.26	-2.46	-2.58	-2.82	-2.93	-3.76	-4.70	-5.89	-6.81	-8.13	-6.51	-4.79	-3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.01	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	5.62	8.32	1.97	2.31	0.02	0.00
OLIN_CORP_DSASP 323712	37.10	31.76	29.88	29.89	31.01	34.56	43.57	41.98	33.97	27.55	26.34	25.99	24.32	24.40	24.17	24.61	27.79	30.84	35.33	40.98	53.04	39.93	34.06	29.25
	-1.87	-2.43	-2.28	-2.18	-2.44	-3.93	-5.68	-4.77	-2.96	-1.76	-1.68	-1.87	-2.06	-2.21	-2.42	-2.53	-3.27	-4.17	-5.39	-6.10	-7.14	-5.74	-4.26	-3.18
	0.02	0.00	0.00	0.00	0.00	0.02	0.98	0.03	-0.80	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	5.31	7.87	1.87	2.19	0.04	0.00
ONEIDA_HERK_LFGE 323681	39.69	34.84	32.78	32.65	34.12	39.43	51.69	47.66	37.41	29.38	27.96	27.85	26.37	26.52	26.43	27.02	31.07	35.23	46.76	57.06	64.73	49.39	39.16	33.04
	0.70	0.65	0.61	0.58	0.67	0.92	1.46	0.89	0.29	0.06	-0.08	-0.03	-0.03	-0.11	-0.19	-0.14	-0.03	0.18	0.73	1.32	1.55	1.01	0.81	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.79	-1.13	-0.52	0.00	0.00
ONEIDA___115KV_TB4 55905	39.85	34.94	32.87	32.78	34.22	39.47	51.74	47.90	37.95	29.74	28.32	28.19	26.66	26.84	26.78	27.35	31.38	35.58	46.99	57.24	65.01	49.58	39.23	33.11
	0.86	0.75	0.71	0.71	0.77	0.96	1.51	1.12	0.61	0.41	0.28	0.31	0.26	0.21	0.16	0.19	0.28	0.53	0.97	1.43	1.74	1.15	0.88	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-1.23	-0.56	0.00	0.00
ONONDAGA_REF_OCCRA 23987	38.99	34.09	32.07	31.98	33.35	38.43	50.23	46.82	38.29	29.38	28.04	27.85	26.32	26.52	26.48	27.02	30.91	34.77	45.75	56.43	64.26	48.65	38.12	32.20
	0.00	-0.10	-0.10	-0.10	-0.10	-0.08	0.00	0.05	0.04	0.06	0.00	-0.03	-0.08	-0.11	-0.13	-0.14	-0.19	-0.28	-0.28	-0.16	-0.12	-0.29	-0.23	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.65	-2.34	-1.07	0.00	0.00
ONONDAGA___COGEN 23986	38.99	34.09	32.07	31.98	33.35	38.47	50.23	46.78	38.68	29.38	28.07	27.85	26.35	26.52	26.48	27.02	30.91	34.73	45.66	56.97	65.12	49.02	38.08	32.20
	0.00	-0.10	-0.10	-0.10	-0.10	-0.04	0.00	0.00	0.04	0.06	0.03	-0.03	-0.05	-0.11	-0.13	-0.14	-0.19	-0.32	-0.37	-0.27	-0.19	-0.34	-0.27	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.30	-3.26	-1.49	0.00	0.00
ONTARIO___LFGE 23819	39.26	33.98	32.10	31.98	33.26	38.27	50.87	46.50	37.35	29.30	27.90	27.60	26.19	26.28	26.22	26.59	30.31	34.16	48.01	59.24	63.70	48.81	37.69	31.88
	0.27	-0.20	-0.06	-0.10	-0.20	-0.23	0.15	-0.28	-0.11	-0.03	-0.14	-0.28	-0.21	-0.35	-0.40	-0.57	-0.78	-0.87	-0.69	-0.38	-0.31	-0.62	-0.65	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	0.00	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-2.67	-4.67	-1.96	-1.56	0.01	0.00
ORANGEVILLE_WT_PWR 323706	37.97	32.51	30.88	30.73	31.78	35.88	45.37	43.20	34.84	27.95	26.64	26.29	25.11	25.11	25.02	25.07	28.34	31.87	31.94	35.68	54.13	39.90	35.18	30.00
	-1.01	-1.67	-1.29	-1.35	-1.67	-2.62	-2.91	-3.56	-2.21	-1.38	-1.40	-1.59	-1.29	-1.52	-1.60	-2.09	-2.74	-3.15	-3.54	-3.68	-4.22	-3.64	-3.14	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.02	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	10.54	15.59	3.69	4.33	0.02	0.00
ORANGEVILLE___ESR 323794	37.97	32.51	30.88	30.73	31.78	35.88	45.37	43.20	34.84	27.95	26.64	26.29	25.11	25.11	25.02	25.07	28.34	31.87	31.94	35.68	54.13	39.90	35.18	30.00
	-1.01	-1.67	-1.29	-1.35	-1.67	-2.62	-2.91	-3.56	-2.21	-1.38	-1.40	-1.59	-1.29	-1.52	-1.60	-2.09	-2.74	-3.15	-3.54	-3.68	-4.22	-3.64	-3.14	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.02	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	10.54	15.59	3.69	4.33	0.02	0.00

OSWEGATCHIE___HYD 24044	38.60 -0.39 0.00	33.88 -0.31 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.19 -0.27 0.00	38.39 -0.12 0.00	50.08 -0.15 0.00	45.89 -0.89 0.00	36.03 -1.12 -1.01	28.18 -1.14 0.00	26.81 -1.23 0.00	26.74 -1.14 0.00	25.29 -1.11 0.00	25.46 -1.17 0.00	25.39 -1.22 0.00	25.99 -1.17 0.00	29.92 -1.18 0.00	33.79 -1.26 0.00	44.88 -1.15 0.00	55.15 -0.72 -0.92	62.60 -0.74 -1.30	47.84 -0.62 -0.59	38.04 -0.31 0.00	32.14 -0.29 0.00
OSWEGO___5 23606	38.25 -0.74 0.00	33.44 -0.75 0.00	31.49 -0.68 0.00	31.40 -0.68 0.00	32.72 -0.74 0.00	37.69 -0.81 0.00	49.28 -0.96 0.00	45.84 -0.94 0.00	41.21 -0.61 -5.68	28.89 -0.44 0.00	27.59 -0.45 0.00	27.41 -0.47 0.00	25.95 -0.45 0.00	26.15 -0.48 0.00	26.11 -0.51 0.00	26.62 -0.54 0.00	30.41 -0.68 0.00	34.11 -0.94 0.00	44.74 -1.29 0.00	61.83 -1.43 -8.31	72.30 -1.55 -11.80	51.97 -1.29 -5.39	37.35 -1.00 0.00	31.59 -0.84 0.00
OSWEGO___6 23613	38.25 -0.74 0.00	33.44 -0.75 0.00	31.49 -0.68 0.00	31.40 -0.68 0.00	32.72 -0.74 0.00	37.69 -0.81 0.00	49.28 -0.96 0.00	45.84 -0.94 0.00	41.21 -0.61 -5.68	28.89 -0.44 0.00	27.59 -0.45 0.00	27.41 -0.47 0.00	25.95 -0.45 0.00	26.15 -0.48 0.00	26.11 -0.51 0.00	26.62 -0.54 0.00	30.41 -0.68 0.00	34.11 -0.94 0.00	44.74 -1.29 0.00	61.83 -1.43 -8.31	72.30 -1.55 -11.80	51.97 -1.29 -5.39	37.35 -1.00 0.00	31.59 -0.84 0.00
OUTOKUMPU-AB___DRP 24206	37.78 -1.21 0.00	32.24 -1.95 0.00	30.37 -1.80 0.00	30.37 -1.70 0.00	31.48 -1.97 0.00	35.27 -3.23 0.00	44.99 -4.32 0.92	42.75 -4.02 0.01	34.60 -2.39 -0.84	27.98 -1.35 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	24.68 -1.72 0.00	24.79 -1.84 0.00	24.54 -2.08 0.00	24.96 -2.20 0.00	28.22 -2.86 0.02	31.60 -3.43 0.02	36.96 -4.10 4.97	43.10 -4.51 7.34	54.85 -5.46 1.74	41.28 -4.55 2.04	34.77 -3.57 0.02	29.67 -2.76 0.00
OXBOW___BTM 323836	37.18 -1.79 0.02	31.83 -2.36 0.00	30.30 -1.87 0.00	30.09 -1.99 0.00	31.08 -2.37 0.00	34.86 -3.62 0.02	44.98 -4.27 0.98	42.12 -4.63 0.03	34.19 -2.75 -0.80	27.69 -1.61 0.02	26.43 -1.60 0.02	26.05 -1.81 0.02	24.93 -1.45 0.02	24.93 -1.68 0.02	24.84 -1.76 0.02	24.80 -2.34 0.02	27.98 -3.08 0.04	30.91 -4.10 0.04	35.47 -5.25 5.31	41.14 -5.94 7.87	53.28 -6.89 1.87	39.98 -5.70 2.19	34.13 -4.18 0.04	29.32 -3.11 0.00
OXBOW___ 24026	37.17 -1.79 0.02	31.83 -2.36 0.00	29.95 -2.22 0.00	29.96 -2.12 0.00	31.08 -2.38 0.00	34.63 -3.85 0.02	43.67 -5.58 0.98	42.07 -4.68 0.03	34.08 -2.86 -0.80	27.60 -1.70 0.02	26.42 -1.60 0.02	26.08 -1.78 0.02	24.37 -2.01 0.02	24.48 -2.13 0.02	24.25 -2.34 0.02	24.67 -2.47 0.02	27.86 -3.20 0.04	30.95 -4.07 0.04	35.47 -5.25 5.31	41.14 -5.93 7.87	53.16 -7.01 1.87	40.03 -5.65 2.19	34.17 -4.14 0.04	29.32 -3.11 0.00
OXY_CHEM_DSASP 323612	37.10 -1.87 0.02	31.76 -2.43 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.56 -3.93 0.02	43.57 -5.68 0.98	41.98 -4.77 0.03	33.97 -2.96 -0.80	27.55 -1.76 0.02	26.34 -1.68 0.02	25.99 -1.87 0.02	24.32 -2.06 0.02	24.40 -2.21 0.02	24.17 -2.42 0.02	24.61 -2.53 0.02	27.79 -3.27 0.04	30.84 -4.17 0.04	35.33 -5.39 5.31	40.98 -6.10 7.87	53.04 -7.14 1.87	39.93 -5.74 2.19	34.06 -4.26 0.04	29.25 -3.18 0.00
OZONE_PARK_ESR 323760	40.86 1.87 0.00	36.07 1.88 0.00	33.84 1.67 0.00	33.65 1.57 0.00	35.09 1.64 0.00	40.35 1.85 0.00	52.90 2.66 0.00	49.21 2.43 0.00	38.20 2.06 0.00	31.29 1.96 0.00	30.15 2.10 0.00	30.03 2.15 0.00	29.75 2.16 -1.18	30.19 2.18 -1.38	31.85 2.24 -3.00	32.20 2.20 -2.84	35.24 2.55 -1.60	42.22 3.12 -4.05	49.94 3.91 0.00	59.07 4.12 0.00	66.95 4.90 0.00	51.41 3.54 0.00	41.19 2.84 0.00	34.50 2.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.10 -1.87 0.02	31.76 -2.43 0.00	29.88 -2.28 0.00	29.89 -2.18 0.00	31.01 -2.44 0.00	34.56 -3.93 0.02	43.57 -5.68 0.98	41.98 -4.77 0.03	33.97 -2.96 -0.80	27.55 -1.76 0.02	26.34 -1.68 0.02	25.99 -1.87 0.02	24.32 -2.06 0.02	24.40 -2.21 0.02	24.17 -2.42 0.02	24.61 -2.53 0.02	27.79 -3.27 0.04	30.84 -4.17 0.04	35.33 -5.39 5.31	40.98 -6.10 7.87	53.04 -7.14 1.87	39.93 -5.74 2.19	34.06 -4.26 0.04	29.25 -3.18 0.00
PACKARD___115KV_DUPONT_184 80571	37.10 -1.87 0.02	31.76 -2.43 0.00	30.20 -1.96 0.00	30.02 -2.05 0.00	31.01 -2.44 0.00	34.75 -3.73 0.02	44.88 -4.37 0.98	41.98 -4.77 0.03	34.12 -2.82 -0.80	27.63 -1.67 0.02	26.34 -1.68 0.02	25.99 -1.87 0.02	24.85 -1.53 0.02	24.85 -1.76 0.02	24.79 -1.81 0.02	24.75 -2.39 0.02	27.89 -3.17 0.04	30.81 -4.21 0.04	35.33 -5.39 5.31	40.98 -6.10 7.87	53.10 -7.07 1.87	39.88 -5.79 2.19	34.06 -4.26 0.04	29.25 -3.18 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.39 1.40 0.00	35.76 1.57 0.00	33.52 1.35 0.00	33.29 1.22 0.00	34.76 1.30 0.00	39.77 1.27 0.00	51.94 1.71 0.00	48.42 1.64 0.00	37.62 1.48 0.00	30.94 1.61 0.00	29.75 1.71 0.00	29.69 1.81 0.00	29.40 1.82 -1.18	29.87 1.86 -1.38	31.56 1.94 -3.00	31.90 1.90 -2.83	34.84 2.15 -1.59	41.73 2.63 -4.05	49.25 3.22 0.00	58.08 3.13 0.00	65.77 3.72 0.00	50.60 2.73 0.00	40.58 2.22 0.00	34.15 1.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.90 1.91 0.00	36.21 2.02 0.00	33.97 1.80 0.00	33.74 1.67 0.00	35.23 1.77 0.00	40.31 1.81 0.00	52.64 2.41 0.00	49.02 2.25 0.00	38.06 1.92 0.00	31.26 1.94 0.00	30.09 2.05 0.00	29.97 2.09 0.00	29.69 2.11 -1.18	30.14 2.13 -1.38	31.82 2.21 -3.00	32.17 2.17 -2.83	35.15 2.46 -1.59	42.11 3.01 -4.05	49.76 3.73 0.00	58.69 3.74 0.00	66.51 4.47 0.00	51.22 3.35 0.00	41.11 2.76 0.00	34.60 2.17 0.00
PATROON___115KV_TB1 80586	39.69 0.70 0.00	34.94 0.75 0.00	32.87 0.71 0.00	32.78 0.71 0.00	34.19 0.74 0.00	39.31 0.81 0.00	51.24 1.00 0.00	47.71 0.94 0.00	36.61 0.47 0.00	29.59 0.26 0.00	28.35 0.31 0.00	28.22 0.33 0.00	26.77 0.37 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.65 0.49 0.00	31.72 0.62 0.00	35.86 0.81 0.00	46.90 0.87 0.00	56.05 1.10 0.00	63.16 1.12 0.00	48.83 0.96 0.00	39.12 0.77 0.00	33.08 0.65 0.00
PATTRSNVILLE___SOLAR 323815	40.20 1.21 0.00	35.32 1.13 0.00	33.20 1.03 0.00	33.10 1.03 0.00	34.59 1.14 0.00	39.81 1.31 0.00	51.89 1.66 0.00	48.23 1.45 0.00	36.58 0.44 0.00	29.50 0.18 0.00	28.18 0.14 0.00	28.05 0.17 0.00	26.53 0.13 0.00	26.79 0.16 0.00	26.78 0.16 0.00	27.40 0.24 0.00	31.69 0.59 0.00	36.10 1.05 0.00	47.50 1.47 0.00	56.98 2.03 0.00	64.28 2.23 0.00	49.59 1.72 0.00	39.69 1.34 0.00	33.50 1.07 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.51 -1.48 0.00	32.07 -2.12 0.00	30.24 -1.93 0.00	30.21 -1.86 0.00	31.31 -2.14 0.00	35.08 -3.43 0.00	46.54 -2.66 1.04	42.47 -4.30 0.01	34.39 -2.60 -0.86	27.74 -1.58 0.00	26.53 -1.51 0.00	26.15 -1.73 0.00	24.47 -1.93 0.00	24.58 -2.05 0.00	24.35 -2.26 0.00	24.77 -2.39 0.00	28.18 -2.89 0.02	32.30 -2.73 0.02	38.90 -2.72 4.41	45.66 -2.80 6.48	56.53 -3.97 1.54	43.10 -2.97 1.80	34.84 -3.49 0.02	29.54 -2.89 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.78 1.79 0.00	35.97 1.78 0.00	33.74 1.58 0.00	33.61 1.54 0.00	35.03 1.57 0.00	40.39 1.89 0.00	53.05 2.81 0.00	49.12 2.34 0.00	38.02 1.88 0.00	30.88 1.55 0.00	29.67 1.63 0.00	29.55 1.67 0.00	28.35 1.69 -0.26	28.66 1.73 -0.30	29.11 1.84 -0.66	29.58 1.79 -0.62	33.53 2.08 -0.35	39.31 2.63 -1.63	49.48 3.45 0.00	58.74 3.79 0.00	66.51 4.47 0.00	51.08 3.21 0.00	40.88 2.53 0.00	34.31 1.88 0.00
PEEKSKILL____ 23653	40.51 1.52 0.00	35.73 1.54 0.00	33.49 1.32 0.00	33.36 1.28 0.00	34.83 1.37 0.00	40.05 1.54 0.00	52.19 1.96 0.00	48.74 1.96 0.00	37.77 1.63 0.00	30.79 1.47 0.00	29.67 1.63 0.00	29.58 1.70 0.00	29.23 1.64 -1.19	29.70 1.68 -1.39	31.37 1.73 -3.03	31.77 1.76 -2.84	34.69 1.99 -1.60	41.66 2.53 -4.09	49.25 3.22 0.00	58.41 3.46 0.00	66.08 4.03 0.00	50.79 2.92 0.00	40.69 2.34 0.00	34.15 1.72 0.00
PGE MADISON__WINDPWR 24146	41.87 2.89 0.00	36.65 2.46 0.00	34.51 2.35 0.00	34.38 2.31 0.00	35.93 2.48 0.00	41.55 3.04 0.00	54.80 4.57 0.00	50.29 3.51 0.00	39.27 2.02 -1.10	30.62 1.29 0.00	28.88 0.84 0.00	28.80 0.92 0.00	26.98 0.79 0.21	27.07 0.69 0.25	26.64 0.56 0.54	27.36 0.71 0.51	31.87 1.06 0.28	36.18 1.86 0.72	49.20 3.18 0.00	60.23 4.40 -0.89	68.40 5.09 -1.26	51.84 3.40 -0.58	40.73 2.38 0.00	34.18 1.75 0.00
PIERCEFIELD__HYD 23852	38.33 -0.66 0.00	33.68 -0.51 0.00	31.65 -0.51 0.00	31.53 -0.55 0.00	32.99 -0.47 0.00	38.12 -0.39 0.00	49.38 -0.85 0.00	45.52 -1.26 0.00	35.47 -1.30 -0.63	28.09 -1.23 0.00	26.72 -1.32 0.00	26.65 -1.23 0.00	25.24 -1.16 0.00	25.43 -1.20 0.00	25.42 -1.20 0.00	25.96 -1.20 0.00	29.82 -1.27 0.00	33.61 -1.44 0.00	44.51 -1.52 0.00	54.36 -1.15 -0.56	61.48 -1.37 -0.80	47.32 -0.91 -0.37	37.78 -0.58 0.00	31.94 -0.49 0.00
PINELAWN_CC_1 323563	41.49 2.50 -0.01	36.38 2.19 0.00	33.81 1.64 0.00	33.77 1.70 0.00	35.39 1.94 0.00	40.74 2.23 0.00	52.59 2.36 0.00	48.93 2.15 0.00	37.55 1.41 0.00	30.43 1.11 0.00	29.58 1.54 0.00	29.41 1.53 0.00	29.19 1.61 -1.18	29.73 1.73 -1.38	31.39 1.78 -2.99	31.79 1.82 -2.81	35.45 2.77 -1.59	43.08 3.44 -4.59	52.06 4.23 -1.80	64.90 4.56 -5.39	68.06 5.34 -0.68	52.20 3.93 -0.41	47.16 3.26 -5.55	34.97 2.53 -0.01
PJM_GEN_HTP_PROXY 323702	40.59 1.60 0.00	35.86 1.67 0.00	33.58 1.41 0.00	33.42 1.35 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.24 2.01 0.00	48.89 2.11 0.00	37.98 1.84 0.00	31.08 1.76 0.00	30.03 1.99 0.00	29.94 2.06 0.00	29.54 1.95 -1.18	30.01 2.00 -1.38	31.64 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.59	41.94 2.84 -4.06	49.57 3.68 0.00	58.63 4.41 0.00	66.45 5.103 0.00	51.03 3.16 0.00	40.84 2.49 0.00	34.31 1.88 0.00
PJM_GEN_KEystone 24065	38.95 -0.04 0.00	33.91 -0.27 0.00	31.97 -0.19 0.00	31.82 -0.26 0.00	33.06 -0.40 0.00	37.62 -0.88 0.00	48.80 -0.96 0.48	45.70 -1.07 0.00	36.28 -0.40 -0.54	29.30 -0.03 0.00	28.10 0.06 0.00	27.88 0.00 0.00	27.34 0.08 -0.86	27.63 0.00 -1.00	28.79 0.00 -2.18	28.99 -0.22 -2.05	31.77 -0.47 -1.14	37.60 -0.38 -2.93	43.16 -0.32 2.54	50.86 -0.33 3.76	60.85 -0.31 0.89	46.35 -0.48 1.04	37.69 -0.65 0.01	31.91 -0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.02 2.03 -0.01	36.00 1.81 0.00	33.52 1.35 0.00	33.45 1.38 0.00	35.03 1.57 0.00	40.31 1.81 0.00	52.04 1.81 0.00	48.46 1.68 0.00	37.33 1.19 0.00	30.31 1.00 0.01	29.42 1.37 0.00	29.27 1.39 0.00	29.03 1.45 -1.18	29.55 1.54 -1.38	31.20 1.60 -2.99	31.60 1.63 -2.81	35.11 2.43 -1.59	42.29 2.94 -4.30	50.40 3.54 -0.83	60.92 3.74 -2.23	66.46 4.41 -0.01	51.27 3.21 -0.19	43.62 2.72 -2.55	34.54 2.11 -0.01
PJM_GEN_VFT_PROXY 323633	40.43 1.44 0.00	35.73 1.54 0.00	33.49 1.32 0.00	33.29 1.22 0.00	34.76 1.30 0.00	39.93 1.43 0.00	52.04 1.81 0.00	48.74 1.96 0.00	37.91 1.77 0.00	31.03 1.70 0.00	29.98 1.93 0.00	29.89 2.01 0.00	29.48 1.90 -1.18	29.95 1.94 -1.38	31.58 1.97 -3.00	31.96 1.98 -2.82	34.89 2.21 -1.59	41.87 2.77 -4.05	49.43 3.41 0.00	58.47 3.52 0.00	66.27 4.22 0.00	50.89 3.02 0.00	40.73 2.38 0.00	34.21 1.78 0.00
PLATSBURG_115KV_PMLD1 355749	39.30 0.31 0.00	34.46 0.27 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	38.93 0.42 0.00	50.94 0.70 0.00	47.34 0.56 0.00	36.50 0.36 0.00	29.59 0.26 0.00	28.15 0.11 0.00	27.99 0.11 0.00	26.48 0.08 0.00	26.65 0.03 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.19 0.09 0.00	35.30 0.25 0.00	46.49 0.46 0.00	55.66 0.71 0.00	62.79 0.74 0.00	48.59 0.72 0.00	38.81 0.46 0.00	32.85 0.42 0.00
PLEASANTVLY__LBMP 24000	40.27 1.29 0.00	35.52 1.33 0.00	33.36 1.19 0.00	33.23 1.15 0.00	34.63 1.17 0.00	39.81 1.31 0.00	52.04 1.81 0.00	48.42 1.64 0.00	37.44 1.30 0.00	30.53 1.20 0.00	29.36 1.32 0.00	29.25 1.37 0.00	28.19 1.40 -0.40	28.53 1.44 -0.46	29.14 1.52 -1.00	29.60 1.49 -0.95	33.37 1.74 -0.53	38.58 2.17 -1.36	48.79 2.76 0.00	57.86 2.91 0.00	65.46 3.41 0.00	50.36 2.49 0.00	40.31 1.96 0.00	33.92 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.59 1.60 0.00	35.80 1.61 0.00	33.58 1.42 0.00	33.45 1.38 0.00	34.86 1.41 0.00	40.12 1.62 0.00	52.49 2.26 0.00	48.84 2.06 0.00	37.80 1.66 0.00	30.88 1.55 0.00	29.73 1.68 0.00	29.64 1.76 0.00	29.19 1.77 -1.02	29.63 1.81 -1.20	31.08 1.86 -2.60	31.46 1.85 -2.46	34.62 2.15 -1.38	41.22 2.66 -3.51	49.39 3.36 0.00	58.52 3.57 0.00	66.26 4.22 0.00	50.88 3.02 0.00	40.77 2.42 0.00	34.21 1.78 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.59 1.60 0.00	35.80 1.61 0.00	33.58 1.42 0.00	33.45 1.38 0.00	34.86 1.41 0.00	40.12 1.62 0.00	52.49 2.26 0.00	48.84 2.06 0.00	37.80 1.66 0.00	30.88 1.55 0.00	29.73 1.68 0.00	29.64 1.76 0.00	29.19 1.77 -1.02	29.63 1.81 -1.20	31.08 1.86 -2.60	31.46 1.85 -2.46	34.62 2.15 -1.38	41.22 2.66 -3.51	49.39 3.36 0.00	58.52 3.57 0.00	66.26 4.22 0.00	50.88 3.02 0.00	40.77 2.42 0.00	34.21 1.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.59 1.60 0.00	35.76 1.57 0.00	33.58 1.42 0.00	33.45 1.38 0.00	34.86 1.41 0.00	40.16 1.66 0.00	52.54 2.31 0.00	48.79 2.01 0.00	37.66 1.52 0.00	30.62 1.29 0.00	29.39 1.35 0.00	29.30 1.42 0.00	28.10 1.43 -0.28	28.41 1.46 -0.32	28.88 1.57 -0.70	29.37 1.55 -0.66	33.30 1.83 -0.37	38.45 2.35 -1.05	49.11 3.08 0.00	58.36 3.41 0.00	66.02 3.97 0.00	50.69 2.82 0.00	40.58 2.22 0.00	34.12 1.69 0.00
POLETTI____ 23519	40.55 1.56 0.00	35.83 1.64 0.00	33.61 1.45 0.00	33.42 1.35 0.00	34.86 1.41 0.00	40.08 1.58 0.00	52.44 2.21 0.00	48.84 2.06 0.00	37.88 1.73 0.00	31.03 1.70 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.64 2.02 -3.00	31.98 1.98 -2.83	34.96 2.27 -1.59	41.90 2.80 -4.05	49.48 3.45 0.00	58.58 3.63 0.00	66.33 4.28 0.00	50.93 3.06 0.00	40.81 2.45 0.00	34.28 1.85 0.00

POMONA___ESR 323819	40.51 1.52 0.00	35.73 1.54 0.00	33.49 1.32 0.00	33.32 1.25 0.00	34.79 1.34 0.00	40.00 1.50 0.00	52.09 1.86 0.00	48.70 1.92 0.00	37.73 1.59 0.00	30.76 1.44 0.00	29.64 1.60 0.00	29.55 1.67 0.00	29.99 1.61 -1.98	30.59 1.65 -2.31	33.34 1.70 -5.02	33.63 1.74 -4.73	35.72 1.96 -2.66	44.34 2.49 -6.80	49.16 3.13 0.00	58.36 3.41 0.00	66.08 4.03 0.00	50.74 2.87 0.00	40.61 2.26 0.00	34.15 1.72 0.00
PORT_JEFF_3 23555	41.72 2.73 -0.01	36.55 2.36 0.00	33.93 1.77 0.00	33.90 1.83 0.00	35.56 2.11 0.00	40.89 2.39 0.00	52.64 2.41 0.00	48.93 2.15 0.00	37.55 1.41 0.00	30.37 1.05 0.01	29.56 1.51 0.00	29.41 1.53 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.58 2.89 -1.59	43.21 3.61 -4.55	52.14 4.46 -1.65	67.06 4.84 -7.28	71.09 5.59 -3.46	52.41 4.16 -0.38	46.90 3.45 -5.09	35.16 2.72 -0.01
PORT_JEFF_4 23616	41.72 2.73 -0.01	36.55 2.36 0.00	33.93 1.77 0.00	33.90 1.83 0.00	35.56 2.11 0.00	40.89 2.39 0.00	52.64 2.41 0.00	48.93 2.15 0.00	37.55 1.41 0.00	30.37 1.05 0.01	29.56 1.51 0.00	29.41 1.53 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.58 2.89 -1.59	43.21 3.61 -4.55	52.14 4.46 -1.65	67.06 4.84 -7.28	71.09 5.59 -3.46	52.41 4.16 -0.38	46.90 3.45 -5.09	35.16 2.72 -0.01
PORT_JEFF_IC 23713	41.76 2.77 -0.01	36.58 2.39 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.97 2.46 0.00	53.15 2.91 0.00	48.98 2.20 0.00	37.55 1.41 0.00	30.40 1.09 0.01	29.53 1.49 0.00	29.36 1.48 0.00	29.24 1.66 -1.18	29.79 1.78 -1.38	31.49 1.89 -2.99	31.83 1.85 -2.83	35.68 2.99 -1.60	43.28 3.68 -4.55	52.24 4.56 -1.66	66.76 4.95 -6.87	70.75 5.77 -2.94	52.51 4.26 -0.38	46.99 3.53 -5.11	35.19 2.76 -0.01
PPL PILGRIM_ST_GT1 24216	41.77 2.77 -0.01	36.58 2.39 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.97 2.47 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.66 1.52 0.00	30.49 1.17 0.01	29.64 1.60 0.00	29.50 1.62 0.00	29.27 1.69 -1.18	29.82 1.81 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.29 3.68 -4.56	52.22 4.51 -1.68	67.14 4.89 -7.30	71.10 5.65 -3.41	52.46 4.21 -0.38	47.05 3.53 -5.17	35.19 2.75 -0.01
PPL PILGRIM_ST_GT2 24217	41.77 2.77 -0.01	36.58 2.39 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.60 2.14 0.00	40.97 2.47 0.00	52.79 2.56 0.00	49.07 2.29 0.00	37.66 1.52 0.00	30.49 1.17 0.01	29.64 1.60 0.00	29.50 1.62 0.00	29.27 1.69 -1.18	29.82 1.81 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.29 3.68 -4.56	52.22 4.51 -1.68	67.14 4.89 -7.30	71.10 5.65 -3.41	52.46 4.21 -0.38	47.05 3.53 -5.17	35.19 2.75 -0.01
PPL_SHRM_GT3 24213	41.88 2.89 -0.01	36.65 2.46 0.00	34.00 1.83 0.00	34.00 1.92 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.74 2.51 0.00	49.02 2.25 0.00	37.59 1.45 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.31 3.71 -4.55	52.33 4.65 -1.65	67.24 5.11 -7.18	71.21 5.83 -3.33	52.60 4.36 -0.38	47.02 3.57 -5.10	35.29 2.85 -0.01
PPL_SHRM_GT4 24214	41.88 2.89 -0.01	36.65 2.46 0.00	34.00 1.83 0.00	34.00 1.92 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.74 2.51 0.00	49.02 2.25 0.00	37.59 1.45 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.31 3.71 -4.55	52.33 4.65 -1.65	67.24 5.11 -7.18	71.21 5.83 -3.33	52.60 4.36 -0.38	47.02 3.57 -5.10	35.29 2.85 -0.01
PROJECT___ORANGE 1 24174	38.87 -0.12 0.00	33.98 -0.21 0.00	31.97 -0.19 0.00	31.88 -0.19 0.00	33.22 -0.23 0.00	38.31 -0.19 0.00	50.03 -0.20 0.00	46.64 -0.14 0.00	38.22 -0.07 -2.15	29.33 0.00 0.00	28.01 -0.03 0.00	27.80 -0.08 0.00	26.29 -0.11 0.00	26.47 -0.16 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.85 -0.25 0.00	34.66 -0.39 0.00	45.52 -0.51 0.00	56.03 -0.44 -1.52	63.77 -0.43 -2.16	48.33 -0.53 -0.99	37.97 -0.38 0.00	32.11 -0.32 0.00
PROJECT___ORANGE 2 24166	38.87 -0.12 0.00	33.98 -0.21 0.00	31.97 -0.19 0.00	31.88 -0.19 0.00	33.22 -0.23 0.00	38.31 -0.19 0.00	50.03 -0.20 0.00	46.64 -0.14 0.00	38.22 -0.07 -2.15	29.33 0.00 0.00	28.01 -0.03 0.00	27.80 -0.08 0.00	26.29 -0.11 0.00	26.47 -0.16 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.85 -0.25 0.00	34.66 -0.39 0.00	45.52 -0.51 0.00	56.03 -0.44 -1.52	63.77 -0.43 -2.16	48.33 -0.53 -0.99	37.97 -0.38 0.00	32.11 -0.32 0.00
PUCKETT___SOLAR 323809	40.12 1.13 0.00	35.11 0.92 0.00	33.04 0.87 0.00	32.91 0.83 0.00	34.32 0.87 0.00	39.54 1.04 0.00	51.64 1.56 0.16	47.95 1.17 0.00	37.86 0.68 -1.04	29.77 0.44 0.00	28.35 0.31 0.00	28.19 0.31 0.00	26.69 0.29 0.00	26.84 0.21 0.00	26.80 0.19 0.00	27.35 0.19 0.00	31.39 0.28 -0.02	35.66 0.60 -0.02	46.24 1.06 0.85	56.05 1.54 0.43	64.72 1.80 -0.88	49.20 1.15 -0.19	39.14 0.77 -0.02	32.98 0.55 0.00
PYRITES___HYD 24023	38.99 0.00 0.00	34.22 0.03 0.00	32.17 0.00 0.00	32.07 0.00 0.00	33.56 0.10 0.00	38.77 0.27 0.00	50.43 0.20 0.00	46.40 -0.37 0.00	35.98 -0.72 -0.56	28.50 -0.82 0.00	27.12 -0.93 0.00	27.04 -0.84 0.00	25.61 -0.79 0.00	25.80 -0.83 0.00	25.79 -0.83 0.00	26.35 -0.81 0.00	30.29 -0.81 0.00	34.28 -0.77 0.00	45.48 -0.55 0.00	55.34 -0.11 -0.51	62.64 -0.12 -0.72	48.29 0.10 -0.33	38.43 0.08 0.00	32.49 0.06 0.00
QUAKERRD_115KV_BK1 80622	37.58 -1.40 0.00	32.45 -1.74 0.00	30.56 -1.61 0.00	30.53 -1.54 0.00	31.78 -1.67 0.00	36.50 -2.00 0.00	47.33 -3.01 -0.11	44.49 -2.29 0.00	35.50 -1.52 -0.88	28.30 -1.03 0.00	27.03 -1.01 0.00	26.82 -1.06 0.00	25.24 -1.16 0.00	25.38 -1.25 0.00	25.21 -1.41 0.00	25.72 -1.44 0.00	29.28 -1.80 0.01	32.69 -2.35 0.01	43.58 -3.04 -0.59	52.42 -3.41 -0.88	58.53 -3.72 -0.21	44.95 -3.16 -0.24	36.08 -2.26 0.01	30.61 -1.82 0.00
QUENSBRY_115KV_TB8 356137	40.82 1.83 0.00	35.86 1.68 0.00	33.81 1.64 0.00	33.65 1.57 0.00	35.26 1.81 0.00	40.62 2.12 0.00	53.20 2.96 0.00	49.16 2.39 0.00	37.48 1.34 0.00	30.12 0.79 0.00	28.55 0.50 0.00	28.38 0.50 0.00	26.85 0.45 0.00	27.05 0.43 0.00	27.07 0.45 0.00	27.78 0.62 0.00	31.91 0.81 0.00	36.35 1.30 0.00	47.91 1.89 0.00	57.86 2.91 0.00	65.33 3.29 0.00	50.41 2.54 0.00	40.15 1.80 0.00	34.02 1.59 0.00
RAMAPO___LBMP 323565	40.39 1.40 0.00	35.62 1.44 0.00	33.42 1.25 0.00	33.29 1.22 0.00	34.69 1.24 0.00	39.89 1.39 0.00	52.19 1.96 0.00	48.56 1.78 0.00	37.59 1.45 0.00	30.67 1.35 0.00	29.53 1.49 0.00	29.41 1.53 0.00	29.90 1.56 -1.95	30.50 1.60 -2.27	33.23 1.68 -4.93	33.48 1.66 -4.67	35.65 1.93 -2.62	44.12 2.38 -6.68	48.97 2.95 0.00	58.14 3.19 0.00	65.89 3.85 0.00	50.60 2.73 0.00	40.50 2.15 0.00	34.05 1.62 0.00

RANKINE_____	37.74	32.24	30.40	30.37	31.48	35.23	45.29	42.70	34.57	27.95	26.75	26.38	24.66	24.76	24.51	24.96	28.25	31.77	36.68	42.68	55.02	41.49	34.80	29.67
23646	-1.25	-1.95	-1.77	-1.70	-1.97	-3.27	-3.87	-4.07	-2.42	-1.38	-1.29	-1.51	-1.74	-1.86	-2.10	-2.20	-2.83	-3.26	-3.82	-4.12	-5.09	-4.12	-3.53	-2.76
	0.00	0.00	0.00	0.00	0.00	0.00	1.08	0.01	-0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	5.53	8.15	1.93	2.27	0.02	0.00
RAVENSWOOD_GT2_1	40.59	35.83	33.61	33.42	34.89	40.08	52.44	48.84	37.88	31.03	29.89	29.80	29.51	29.98	31.64	31.98	34.96	41.90	49.48	58.58	66.33	50.98	40.81	34.28
24244	1.60	1.64	1.45	1.35	1.44	1.58	2.21	2.06	1.73	1.70	1.85	1.92	1.93	1.97	2.02	1.98	2.27	2.80	3.45	3.63	4.28	3.11	2.45	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	40.59	35.83	33.61	33.42	34.89	40.08	52.44	48.84	37.88	31.03	29.89	29.80	29.51	29.98	31.64	31.98	34.96	41.90	49.48	58.58	66.33	50.98	40.81	34.28
24245	1.60	1.64	1.45	1.35	1.44	1.58	2.21	2.06	1.73	1.70	1.85	1.92	1.93	1.97	2.02	1.98	2.27	2.80	3.45	3.63	4.28	3.11	2.45	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	40.59	35.86	33.65	33.45	34.89	40.12	52.49	48.84	37.91	31.06	29.92	29.83	29.54	30.00	31.66	32.00	34.99	41.90	49.53	58.58	66.39	50.98	40.84	34.31
24246	1.60	1.68	1.48	1.38	1.44	1.62	2.26	2.06	1.77	1.73	1.88	1.95	1.95	2.00	2.05	2.01	2.30	2.80	3.50	3.63	4.34	3.11	2.49	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	40.59	35.86	33.65	33.45	34.89	40.12	52.49	48.84	37.91	31.06	29.92	29.83	29.54	30.00	31.66	32.00	34.99	41.90	49.53	58.58	66.39	50.98	40.84	34.31
24247	1.60	1.68	1.48	1.38	1.44	1.62	2.26	2.06	1.77	1.73	1.88	1.95	1.95	2.00	2.05	2.01	2.30	2.80	3.50	3.63	4.34	3.11	2.49	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	40.59	35.86	33.65	33.45	34.89	40.12	52.49	48.88	37.91	31.06	29.92	29.80	29.54	29.98	31.66	32.00	34.99	41.94	49.53	58.58	66.39	50.98	40.84	34.31
24248	1.60	1.68	1.48	1.38	1.44	1.62	2.26	2.11	1.77	1.73	1.88	1.92	1.95	1.97	2.05	2.01	2.30	2.84	3.50	3.63	4.34	3.11	2.49	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	40.59	35.86	33.65	33.45	34.89	40.12	52.49	48.88	37.91	31.06	29.92	29.80	29.54	29.98	31.66	32.00	34.99	41.94	49.53	58.58	66.39	50.98	40.84	34.31
24249	1.60	1.68	1.48	1.38	1.44	1.62	2.26	2.11	1.77	1.73	1.88	1.92	1.95	1.97	2.05	2.01	2.30	2.84	3.50	3.63	4.34	3.11	2.49	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	40.63	35.90	33.68	33.49	34.93	40.16	52.54	48.93	37.95	31.11	29.95	29.86	29.56	30.03	31.69	32.03	35.05	41.97	49.62	58.69	66.51	51.08	40.88	34.34
24250	1.64	1.71	1.51	1.41	1.47	1.66	2.31	2.15	1.81	1.79	1.91	1.98	1.98	2.02	2.08	2.04	2.36	2.87	3.59	3.74	4.47	3.21	2.53	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	40.63	35.90	33.68	33.49	34.93	40.16	52.54	48.93	37.95	31.11	29.95	29.86	29.56	30.03	31.69	32.03	35.05	41.97	49.62	58.69	66.51	51.08	40.88	34.34
24251	1.64	1.71	1.51	1.41	1.47	1.66	2.31	2.15	1.81	1.79	1.91	1.98	1.98	2.02	2.08	2.04	2.36	2.87	3.59	3.74	4.47	3.21	2.53	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	40.59	35.90	33.68	33.45	34.89	40.04	52.29	48.74	37.88	31.08	29.92	29.83	29.56	30.00	31.71	32.06	35.02	41.94	49.53	58.41	66.14	50.88	40.81	34.31
23729	1.60	1.71	1.51	1.38	1.44	1.54	2.06	1.96	1.73	1.76	1.88	1.95	1.98	2.00	2.10	2.06	2.33	2.84	3.50	3.46	4.10	3.02	2.45	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	40.59	35.83	33.61	33.42	34.89	40.08	52.49	48.84	37.88	31.03	29.89	29.80	29.51	29.98	31.64	31.98	34.96	41.90	49.48	58.58	66.39	50.98	40.81	34.28
24258	1.60	1.64	1.45	1.35	1.44	1.58	2.26	2.06	1.73	1.70	1.85	1.92	1.93	1.97	2.02	1.98	2.27	2.80	3.45	3.63	4.34	3.11	2.45	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	40.59	35.83	33.61	33.42	34.89	40.08	52.49	48.84	37.88	31.03	29.89	29.80	29.51	29.98	31.64	31.98	34.96	41.90	49.48	58.58	66.39	50.98	40.81	34.28
24259	1.60	1.64	1.45	1.35	1.44	1.58	2.26	2.06	1.73	1.70	1.85	1.92	1.93	1.97	2.02	1.98	2.27	2.80	3.45	3.63	4.34	3.11	2.45	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	40.55	35.86	33.64	33.45	34.89	40.04	52.39	48.79	37.88	31.06	29.89	29.80	29.54	29.98	31.66	32.00	34.99	41.90	49.48	58.52	66.26	50.93	40.81	34.28
24252	1.56	1.68	1.48	1.38	1.44	1.54	2.16	2.01	1.73	1.73	1.85	1.92	1.95	1.97	2.05	2.01	2.30	2.80	3.45	3.57	4.22	3.06	2.45	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	40.55	35.86	33.64	33.45	34.89	40.04	52.39	48.79	37.88	31.06	29.89	29.80	29.54	29.98	31.66	32.00	34.99	41.90	49.48	58.52	66.26	50.93	40.81	34.28
24254	1.56	1.68	1.48	1.38	1.44	1.54	2.16	2.01	1.73	1.73	1.85	1.92	1.95	1.97	2.05	2.01	2.30	2.80	3.45	3.57	4.22	3.06	2.45	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	40.55	35.86	33.64	33.45	34.89	40.04	52.39	48.79	37.88	31.06	29.89	29.80	29.54	29.98	31.66	32.00	34.99	41.90	49.48	58.52	66.26	50.93	40.81	34.28
24253	1.56	1.68	1.48	1.38	1.44	1.54	2.16	2.01	1.73	1.73	1.85	1.92	1.95	1.97	2.05	2.01	2.30	2.80	3.45	3.57	4.22	3.06	2.45	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.18	-1.38	-3.00	-2.83	-1.59	-4.05	0.00	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	40.55 1.56 0.00	35.86 1.68 0.00	33.64 1.48 0.00	33.45 1.38 0.00	34.89 1.44 0.00	40.04 1.54 0.00	52.39 2.16 0.00	48.79 2.01 0.00	37.88 1.73 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.66 2.05 -3.00	32.00 2.01 -2.83	34.99 2.30 -1.59	41.90 2.80 -4.05	49.48 3.45 0.00	58.52 3.57 0.00	66.26 4.22 0.00	50.93 3.06 0.00	40.81 2.45 0.00	34.28 1.85 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.59 1.60 0.00	35.83 1.64 0.00	33.61 1.45 0.00	33.42 1.35 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.49 2.26 0.00	48.84 2.06 0.00	37.88 1.73 0.00	31.03 1.70 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.64 2.02 -3.00	31.98 1.98 -2.83	34.96 2.27 -1.59	41.90 2.80 -4.05	49.48 3.45 0.00	58.58 3.63 0.00	66.39 4.34 0.00	50.98 3.11 0.00	40.81 2.45 0.00	34.28 1.85 0.00
RAVENSWOOD_GT_9 24257	40.59 1.60 0.00	35.83 1.64 0.00	33.61 1.45 0.00	33.42 1.35 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.49 2.26 0.00	48.84 2.06 0.00	37.88 1.73 0.00	31.03 1.70 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.64 2.02 -3.00	31.98 1.98 -2.83	34.96 2.27 -1.59	41.90 2.80 -4.05	49.48 3.45 0.00	58.58 3.63 0.00	66.39 4.34 0.00	50.98 3.11 0.00	40.81 2.45 0.00	34.28 1.85 0.00
RAVENSWOOD___1 23533	40.55 1.56 0.00	35.90 1.71 0.00	33.62 1.45 0.00	33.42 1.35 0.00	34.89 1.44 0.00	39.97 1.46 0.00	51.99 1.76 0.00	48.74 1.96 0.00	37.88 1.73 0.00	31.08 1.76 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.63 2.02 -3.00	32.04 2.06 -2.82	34.95 2.27 -1.58	41.94 2.84 -4.05	49.48 3.45 0.00	58.41 3.46 0.00	66.08 4.03 0.00	50.89 3.02 0.00	40.81 2.46 0.00	34.28 1.85 0.00
RAVENSWOOD___2 23534	40.55 1.56 0.00	35.86 1.67 0.00	33.62 1.45 0.00	33.39 1.32 0.00	34.86 1.40 0.00	39.97 1.46 0.00	51.99 1.76 0.00	48.70 1.92 0.00	37.88 1.73 0.00	31.08 1.76 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.63 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.58	41.90 2.81 -4.05	49.48 3.45 0.00	58.41 3.46 0.00	66.08 4.03 0.00	50.89 3.02 0.00	40.77 2.42 0.00	34.28 1.85 0.00
RAVENSWOOD___3 23535	40.59 1.60 0.00	35.83 1.64 0.00	33.58 1.41 0.00	33.39 1.32 0.00	34.89 1.44 0.00	40.08 1.58 0.00	52.19 1.96 0.00	48.83 2.06 0.00	37.95 1.81 0.00	31.05 1.73 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.51 1.93 -1.18	29.98 1.97 -1.38	31.61 2.00 -3.00	31.99 2.01 -2.82	34.92 2.24 -1.58	41.90 2.81 -4.05	49.52 3.50 0.00	58.57 3.63 0.00	66.32 4.28 0.00	50.98 3.11 0.00	40.81 2.46 0.00	34.28 1.85 0.00
RAVENSWOOD___4 23820	40.55 1.56 0.00	35.86 1.67 0.00	33.61 1.45 0.00	33.39 1.32 0.00	34.86 1.40 0.00	39.97 1.46 0.00	51.94 1.71 0.00	48.70 1.92 0.00	37.88 1.73 0.00	31.05 1.73 0.00	29.98 1.93 0.00	29.92 2.03 0.00	29.54 1.95 -1.18	29.98 1.97 -1.38	31.63 2.02 -3.00	32.02 2.04 -2.82	34.95 2.27 -1.58	41.90 2.81 -4.05	49.48 3.45 0.00	58.36 3.41 0.00	66.08 4.03 0.00	50.89 3.02 0.00	40.77 2.42 0.00	34.28 1.85 0.00
RCPL_TRUST___DRP 24196	40.82 1.83 0.00	36.07 1.88 0.00	33.81 1.64 0.00	33.65 1.57 0.00	35.09 1.64 0.00	40.39 1.89 0.00	52.90 2.66 0.00	49.26 2.48 0.00	38.27 2.13 0.00	31.35 2.02 0.00	30.20 2.16 0.00	30.08 2.20 0.00	29.80 2.22 -1.18	30.25 2.24 -1.38	31.91 2.29 -3.00	32.25 2.25 -2.84	35.27 2.58 -1.60	42.26 3.15 -4.06	49.94 3.91 0.00	59.07 4.12 0.00	66.95 4.90 0.00	51.36 3.49 0.00	41.11 2.76 0.00	34.50 2.08 0.00
RED___ROCHESTER 323720	38.56 -0.43 0.00	33.16 -1.02 0.00	31.46 -0.71 0.00	31.30 -0.77 0.00	32.52 -0.94 0.00	37.39 -1.12 0.00	49.38 -0.96 -0.10	45.52 -1.26 0.00	36.35 -0.61 -0.82	29.12 -0.20 0.00	27.73 -0.31 0.00	27.49 -0.39 0.00	26.14 -0.26 0.00	26.20 -0.43 0.00	26.06 -0.56 0.00	26.43 -0.73 0.00	29.97 -1.12 0.01	33.32 -1.72 0.01	44.48 -2.12 -0.57	53.54 -2.26 -0.84	59.89 -2.36 -0.20	45.90 -2.20 -0.23	36.88 -1.46 0.01	31.26 -1.17 0.00
REGAN___SOLAR 323812	41.25 2.26 0.00	36.21 2.02 0.00	34.03 1.86 0.00	33.87 1.80 0.00	35.50 2.04 0.00	40.89 2.39 0.00	53.30 3.06 0.00	48.93 2.15 0.00	36.32 0.18 0.00	29.03 -0.29 0.00	27.65 -0.39 0.00	27.55 -0.33 0.00	26.06 -0.34 0.00	26.25 -0.37 0.00	26.24 -0.37 0.00	27.05 -0.11 0.00	31.35 0.25 0.00	36.14 1.09 0.00	47.96 1.93 0.00	58.41 3.46 0.00	65.96 3.91 0.00	50.79 2.92 0.00	40.61 2.26 0.00	34.18 1.75 0.00
RENSSELAER___COGEN 23796	39.53 0.55 0.00	34.77 0.58 0.00	32.71 0.55 0.00	32.65 0.58 0.00	34.06 0.60 0.00	39.12 0.61 0.00	50.74 0.50 0.00	47.52 0.75 0.00	36.40 0.25 0.00	29.44 0.12 0.00	28.21 0.17 0.00	28.08 0.20 0.00	26.56 0.16 0.00	26.87 0.24 0.00	26.88 0.27 0.00	27.51 0.35 0.00	31.53 0.44 0.00	35.71 0.66 0.00	46.72 0.69 0.00	55.77 0.83 0.00	62.85 0.80 0.00	48.59 0.72 0.00	38.96 0.61 0.00	32.95 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.68 2.69 0.00	36.62 2.43 0.00	34.51 2.35 0.00	34.29 2.21 0.00	36.03 2.58 0.00	41.62 3.12 0.00	54.60 4.37 0.00	50.10 3.32 0.00	37.80 1.66 0.00	30.26 0.94 0.00	28.60 0.56 0.00	28.41 0.53 0.00	26.85 0.45 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.87 0.71 0.00	32.06 0.96 0.00	36.70 1.65 0.00	48.61 2.58 0.00	59.40 4.45 0.00	67.13 5.09 0.00	51.70 3.83 0.00	41.07 2.72 0.00	34.70 2.27 0.00
REVERE_CPPR_DRP 24186	40.12 1.13 0.00	35.18 0.99 0.00	33.10 0.93 0.00	33.00 0.93 0.00	34.46 1.00 0.00	39.81 1.31 0.00	52.19 1.96 0.00	48.18 1.40 0.00	38.03 0.76 -1.13	29.79 0.47 0.00	28.35 0.31 0.00	28.24 0.36 0.00	26.72 0.32 0.00	26.87 0.24 0.00	26.78 0.16 0.00	27.35 0.19 0.00	31.44 0.34 0.00	35.68 0.63 0.00	47.32 1.29 0.00	57.71 1.92 -0.84	65.54 2.30 -1.20	49.95 1.53 -0.55	39.54 1.19 0.00	33.34 0.91 0.00
REYNLDDPA_13_KV_LD 356490	39.42 0.43 0.00	34.57 0.38 0.00	32.49 0.32 0.00	32.36 0.29 0.00	33.82 0.37 0.00	38.97 0.46 0.00	50.88 0.65 0.00	47.15 0.37 0.00	36.43 0.29 0.00	29.56 0.23 0.00	28.16 0.11 0.00	28.05 0.17 0.00	26.56 0.16 0.00	26.76 0.13 0.00	26.75 0.13 0.00	27.32 0.16 0.00	31.38 0.28 0.00	35.33 0.28 0.00	46.44 0.41 0.00	54.78 -0.16 0.00	61.86 -0.19 0.00	48.40 0.53 0.00	38.74 0.38 0.00	32.82 0.39 0.00
REYNOLDS_115KV_TB3 80639	39.69 0.70 0.00	34.91 0.72 0.00	32.91 0.74 0.00	32.81 0.74 0.00	34.19 0.74 0.00	39.31 0.81 0.00	51.19 0.95 0.00	47.71 0.94 0.00	36.72 0.58 0.00	29.68 0.35 0.00	28.44 0.39 0.00	28.33 0.45 0.00	26.88 0.48 0.00	27.16 0.53 0.00	27.20 0.59 0.00	27.78 0.62 0.00	31.87 0.78 0.00	35.96 0.91 0.00	47.09 1.06 0.00	56.16 1.21 0.00	63.22 1.18 0.00	48.97 1.10 0.00	39.23 0.88 0.00	33.21 0.78 0.00

RIVERBAY____ 323610	40.90 1.91 0.00	36.21 2.02 0.00	33.97 1.80 0.00	33.74 1.67 0.00	35.23 1.77 0.00	40.31 1.81 0.00	52.64 2.41 0.00	49.02 2.25 0.00	38.06 1.92 0.00	31.26 1.94 0.00	30.09 2.05 0.00	29.97 2.09 0.00	29.69 2.11 -1.18	30.14 2.13 -1.38	31.82 2.21 -3.00	32.17 2.17 -2.83	35.15 2.46 -1.59	42.11 3.01 -4.05	49.76 3.73 0.00	58.69 3.74 0.00	66.51 4.47 0.00	51.22 3.35 0.00	41.11 2.76 0.00	34.60 2.17 0.00
RIVERSIDE_115KV_TB3 55908	39.61 0.62 0.00	34.87 0.68 0.00	32.84 0.68 0.00	32.75 0.67 0.00	34.16 0.70 0.00	39.27 0.77 0.00	51.14 0.90 0.00	47.67 0.89 0.00	36.61 0.47 0.00	29.59 0.26 0.00	28.35 0.31 0.00	28.22 0.33 0.00	26.77 0.37 0.00	27.08 0.45 0.00	27.12 0.51 0.00	27.68 0.52 0.00	31.75 0.65 0.00	35.86 0.81 0.00	46.90 0.87 0.00	55.99 1.04 0.00	63.10 1.05 0.00	48.78 0.91 0.00	39.12 0.77 0.00	33.08 0.65 0.00
ROARING____BROOK_WT_PWR 323790	38.60 -0.39 0.00	33.85 -0.34 0.00	31.84 -0.32 0.00	31.75 -0.32 0.00	33.12 -0.33 0.00	38.16 -0.35 0.00	49.83 -0.40 0.00	46.40 -0.38 0.00	35.81 -0.33 0.00	29.06 -0.26 0.00	27.76 -0.28 0.00	27.60 -0.28 0.00	26.11 -0.29 0.00	26.33 -0.29 0.00	26.32 -0.29 0.00	26.89 -0.27 0.00	30.79 -0.31 0.00	34.73 -0.32 0.00	45.61 -0.42 0.00	54.45 -0.50 0.00	61.49 -0.56 0.00	47.48 -0.38 0.00	38.01 -0.35 0.00	32.07 -0.36 0.00
ROCHESRG_115KV_T4 355643	38.17 -0.82 0.00	32.89 -1.30 0.00	30.98 -1.19 0.00	30.95 -1.12 0.00	32.22 -1.24 0.00	36.89 -1.62 0.00	47.67 -2.56 0.00	45.00 -1.78 0.00	35.85 -1.08 -0.79	28.74 -0.59 0.00	27.45 -0.59 0.00	27.21 -0.67 0.00	25.58 -0.82 0.00	25.72 -0.91 0.00	25.53 -1.09 0.00	26.05 -1.11 0.00	29.59 -1.49 0.01	33.01 -2.03 0.01	43.36 -2.67 0.00	52.04 -2.91 0.00	58.88 -3.16 0.00	45.09 -2.78 0.00	36.46 -1.88 0.01	30.97 -1.46 0.00
ROCHESTER_9_IC 23652	38.40 -0.58 0.00	33.06 -1.13 0.00	31.14 -1.03 0.00	31.14 -0.93 0.00	32.38 -1.07 0.00	37.12 -1.39 0.00	48.13 -2.21 -0.10	45.28 -1.50 0.00	36.13 -0.83 -0.82	28.89 -0.44 0.00	27.62 -0.42 0.00	27.38 -0.50 0.00	25.74 -0.66 0.00	25.86 -0.77 0.00	25.66 -0.96 0.00	26.18 -0.98 0.00	29.75 -1.34 0.01	33.18 -1.86 0.01	44.26 -2.35 -0.58	53.27 -2.53 -0.85	59.52 -2.73 -0.20	45.66 -2.44 -0.24	36.69 -1.65 0.01	31.16 -1.26 0.00
ROCKVIEW_13_KV_LD 356306	40.66 1.68 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.49 1.41 0.00	34.93 1.47 0.00	40.20 1.69 0.00	52.64 2.41 0.00	48.98 2.20 0.00	37.91 1.77 0.00	31.00 1.67 0.00	29.84 1.79 0.00	29.75 1.87 0.00	29.46 1.87 -1.18	29.93 1.92 -1.38	31.59 1.97 -3.00	31.95 1.96 -2.84	34.96 2.27 -1.60	41.91 2.80 -4.06	49.57 3.54 0.00	58.74 3.79 0.00	66.57 4.53 0.00	51.08 3.21 0.00	40.88 2.53 0.00	34.31 1.88 0.00
ROME____115KV_TB2 80656	40.12 1.13 0.00	35.18 0.99 0.00	33.10 0.93 0.00	33.00 0.93 0.00	34.46 1.00 0.00	39.81 1.31 0.00	52.19 1.96 0.00	48.18 1.40 0.00	38.03 0.76 -1.13	29.79 0.47 0.00	28.35 0.31 0.00	28.24 0.36 0.00	26.72 0.32 0.00	26.87 0.24 0.00	26.78 0.16 0.00	27.35 0.19 0.00	31.44 0.34 0.00	35.68 0.63 0.00	47.32 1.29 0.00	57.71 1.92 -0.84	65.54 2.30 -1.20	49.95 1.53 -0.55	39.54 1.19 0.00	33.34 0.91 0.00
ROSETON____1 23587	40.24 1.25 0.00	35.49 1.30 0.00	33.29 1.13 0.00	33.17 1.09 0.00	34.59 1.14 0.00	39.77 1.27 0.00	51.74 1.51 0.00	48.37 1.59 0.00	37.44 1.30 0.00	30.50 1.17 0.00	29.36 1.32 0.00	29.27 1.39 0.00	27.72 1.32 0.00	28.01 1.38 0.00	28.03 1.41 0.00	28.63 1.47 0.00	32.74 1.65 0.00	37.19 2.14 0.00	48.70 2.67 0.00	57.80 2.86 0.00	65.39 3.35 0.00	50.31 2.44 0.00	40.27 1.92 0.00	33.89 1.46 0.00
ROSETON____2 23588	40.24 1.25 0.00	35.49 1.30 0.00	33.29 1.13 0.00	33.17 1.09 0.00	34.59 1.14 0.00	39.77 1.27 0.00	51.74 1.51 0.00	48.37 1.59 0.00	37.44 1.30 0.00	30.50 1.17 0.00	29.36 1.32 0.00	29.27 1.39 0.00	27.72 1.32 0.00	28.01 1.38 0.00	28.03 1.41 0.00	28.63 1.47 0.00	32.74 1.65 0.00	37.19 2.14 0.00	48.70 2.67 0.00	57.80 2.86 0.00	65.39 3.35 0.00	50.31 2.44 0.00	40.27 1.92 0.00	33.89 1.46 0.00
ROTTDRAM_115KV_TB3 80664	39.85 0.86 0.00	35.01 0.82 0.00	32.97 0.80 0.00	32.84 0.77 0.00	34.29 0.84 0.00	39.47 0.96 0.00	51.49 1.26 0.00	47.85 1.08 0.00	36.76 0.61 0.00	29.74 0.41 0.00	28.44 0.39 0.00	28.30 0.42 0.00	26.82 0.42 0.00	27.08 0.45 0.00	27.10 0.48 0.00	27.68 0.52 0.00	31.78 0.68 0.00	36.00 0.95 0.00	47.27 1.24 0.00	56.54 1.59 0.00	63.78 1.74 0.00	49.26 1.39 0.00	39.43 1.07 0.00	33.27 0.84 0.00
RUSSELL____1 23602	38.56 -0.43 0.00	33.16 -1.03 0.00	31.23 -0.93 0.00	31.24 -0.83 0.00	32.52 -0.94 0.00	37.27 -1.23 0.00	48.33 -2.01 -0.10	45.52 -1.26 0.00	36.28 -0.69 -0.82	29.00 -0.32 0.00	27.73 -0.31 0.00	27.49 -0.39 0.00	25.85 -0.55 0.00	25.96 -0.67 0.00	25.76 -0.85 0.00	26.26 -0.90 0.00	29.87 -1.21 0.01	33.36 -1.68 0.01	44.43 -2.16 -0.57	53.54 -2.25 -0.84	59.83 -2.42 -0.20	45.90 -2.20 -0.23	36.88 -1.46 0.01	31.26 -1.17 0.00
RUSSELL____2 23532	38.56 -0.43 0.00	33.16 -1.03 0.00	31.23 -0.93 0.00	31.24 -0.83 0.00	32.52 -0.94 0.00	37.27 -1.23 0.00	48.33 -2.01 -0.10	45.52 -1.26 0.00	36.28 -0.69 -0.82	29.00 -0.32 0.00	27.73 -0.31 0.00	27.49 -0.39 0.00	25.85 -0.55 0.00	25.96 -0.67 0.00	25.76 -0.85 0.00	26.26 -0.90 0.00	29.87 -1.21 0.01	33.36 -1.68 0.01	44.43 -2.16 -0.57	53.54 -2.25 -0.84	59.83 -2.42 -0.20	45.90 -2.20 -0.23	36.88 -1.46 0.01	31.26 -1.17 0.00
RUSSELL____3 23549	38.56 -0.43 0.00	33.16 -1.03 0.00	31.23 -0.93 0.00	31.24 -0.83 0.00	32.52 -0.94 0.00	37.27 -1.23 0.00	48.33 -2.01 -0.10	45.52 -1.26 0.00	36.28 -0.69 -0.82	29.00 -0.32 0.00	27.73 -0.31 0.00	27.49 -0.39 0.00	25.85 -0.55 0.00	25.96 -0.67 0.00	25.76 -0.85 0.00	26.26 -0.90 0.00	29.87 -1.21 0.01	33.36 -1.68 0.01	44.43 -2.16 -0.57	53.54 -2.25 -0.84	59.83 -2.42 -0.20	45.90 -2.20 -0.23	36.88 -1.46 0.01	31.26 -1.17 0.00
RUSSELL____4 23556	38.56 -0.43 0.00	33.16 -1.03 0.00	31.23 -0.93 0.00	31.24 -0.83 0.00	32.52 -0.94 0.00	37.27 -1.23 0.00	48.33 -2.01 -0.10	45.52 -1.26 0.00	36.28 -0.69 -0.82	29.00 -0.32 0.00	27.73 -0.31 0.00	27.49 -0.39 0.00	25.85 -0.55 0.00	25.96 -0.67 0.00	25.76 -0.85 0.00	26.26 -0.90 0.00	29.87 -1.21 0.01	33.36 -1.68 0.01	44.43 -2.16 -0.57	53.54 -2.25 -0.84	59.83 -2.42 -0.20	45.90 -2.20 -0.23	36.88 -1.46 0.01	31.26 -1.17 0.00
RUSSELL____STATION 23914	38.56 -0.43 0.00	33.16 -1.03 0.00	31.23 -0.93 0.00	31.24 -0.83 0.00	32.52 -0.94 0.00	37.27 -1.23 0.00	48.33 -2.01 -0.10	45.52 -1.26 0.00	36.28 -0.69 -0.82	29.00 -0.32 0.00	27.73 -0.31 0.00	27.49 -0.39 0.00	25.85 -0.55 0.00	25.96 -0.67 0.00	25.76 -0.85 0.00	26.26 -0.90 0.00	29.87 -1.21 0.01	33.36 -1.68 0.01	44.43 -2.16 -0.57	53.54 -2.25 -0.84	59.83 -2.42 -0.20	45.90 -2.20 -0.23	36.88 -1.46 0.01	31.26 -1.17 0.00

S SALMON___HYD 24043	38.79 -0.19 0.00	33.95 -0.24 0.00	31.97 -0.19 0.00	31.85 -0.22 0.00	33.22 -0.23 0.00	38.31 -0.19 0.00	50.13 -0.10 0.00	46.40 -0.38 0.00	38.55 -0.43 -2.84	28.89 -0.44 0.00	27.59 -0.45 0.00	27.46 -0.42 0.00	26.00 -0.40 0.00	26.15 -0.48 0.00	26.11 -0.51 0.00	26.64 -0.52 0.00	30.54 -0.56 0.00	34.35 -0.70 0.00	45.29 -0.74 0.00	57.19 -0.55 -2.80	65.52 -0.50 -3.97	49.06 -0.62 -1.81	37.93 -0.42 0.00	32.11 -0.32 0.00
S.PERRY___115KV_TB1 80734	39.53 0.55 0.00	33.88 -0.31 0.00	31.94 -0.23 0.00	31.95 -0.13 0.00	33.22 -0.23 0.00	38.00 -0.50 0.00	53.28 -0.40 -3.45	46.15 -0.65 -0.03	36.58 -0.51 -0.94	29.03 -0.29 0.00	27.65 -0.39 0.00	27.27 -0.61 0.00	25.56 -0.84 0.00	25.67 -0.96 0.00	25.50 -1.12 0.00	26.05 -1.11 0.00	29.68 -1.40 0.02	33.52 -1.51 0.02	63.67 -1.29 -18.94	82.26 -0.71 -28.03	68.05 -0.62 -6.63	54.73 -0.91 -7.77	37.45 -0.88 0.02	31.68 -0.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.51 -1.48 0.00	32.07 -2.12 0.00	30.20 -1.96 0.00	30.18 -1.89 0.00	31.31 -2.14 0.00	35.00 -3.50 0.00	44.41 -4.77 1.05	42.47 -4.30 0.01	34.41 -2.57 -0.84	27.83 -1.50 0.00	26.64 -1.40 0.00	26.29 -1.59 0.00	24.58 -1.82 0.00	24.68 -1.94 0.00	24.43 -2.18 0.00	24.85 -2.31 0.00	28.09 -2.99 0.02	31.35 -3.68 0.02	35.78 -4.56 5.69	41.46 -5.11 8.38	53.97 -6.08 1.99	40.60 -4.93 2.33	34.50 -3.84 0.02	29.51 -2.92 0.00
SAWYER___23_KV_LOAD 55526	37.51 -1.48 0.00	32.07 -2.12 0.00	30.20 -1.96 0.00	30.18 -1.89 0.00	31.31 -2.14 0.00	35.00 -3.50 0.00	44.41 -4.77 1.05	42.47 -4.30 0.01	34.41 -2.57 -0.84	27.83 -1.50 0.00	26.64 -1.40 0.00	26.29 -1.59 0.00	24.58 -1.82 0.00	24.68 -1.94 0.00	24.43 -2.18 0.00	24.85 -2.31 0.00	28.09 -2.99 0.02	31.35 -3.68 0.02	35.78 -4.56 5.69	41.46 -5.11 8.38	53.97 -6.08 1.99	40.60 -4.93 2.33	34.50 -3.84 0.02	29.51 -2.92 0.00
SELKIRK___I 23801	39.92 0.93 0.00	35.11 0.92 0.00	33.00 0.83 0.00	32.91 0.83 0.00	34.36 0.90 0.00	39.47 0.96 0.00	51.24 1.00 0.00	47.66 0.89 0.00	36.54 0.40 0.00	29.53 0.21 0.00	28.29 0.25 0.00	28.16 0.28 0.00	26.64 0.24 0.00	26.92 0.29 0.00	26.94 0.32 0.00	27.57 0.41 0.00	31.59 0.50 0.00	35.86 0.81 0.00	47.13 1.10 0.00	56.38 1.43 0.00	63.60 1.55 0.00	49.16 1.29 0.00	39.39 1.04 0.00	33.27 0.84 0.00
SELKIRK___II 23799	39.57 0.59 0.00	34.84 0.65 0.00	32.75 0.58 0.00	32.68 0.61 0.00	34.09 0.63 0.00	39.16 0.65 0.00	50.84 0.60 0.00	47.52 0.75 0.00	36.50 0.36 0.00	29.56 0.23 0.00	28.35 0.31 0.00	28.22 0.34 0.00	26.69 0.29 0.00	26.97 0.35 0.00	27.02 0.40 0.00	27.59 0.43 0.00	31.63 0.53 0.00	35.82 0.77 0.00	46.90 0.87 0.00	55.99 1.04 0.00	63.10 1.05 0.00	48.78 0.91 0.00	39.08 0.73 0.00	33.04 0.61 0.00
SENECA OSWGO___HYD 24041	38.25 -0.74 0.00	33.47 -0.72 0.00	31.52 -0.64 0.00	31.40 -0.68 0.00	32.75 -0.70 0.00	37.77 -0.73 0.00	49.38 -0.85 0.00	45.94 -0.84 0.00	39.10 -0.58 -3.54	28.89 -0.44 0.00	27.59 -0.45 0.00	27.41 -0.47 0.00	25.95 -0.45 0.00	26.12 -0.51 0.00	26.11 -0.51 0.00	26.62 -0.54 0.00	30.41 -0.68 0.00	34.14 -0.91 0.00	44.83 -1.20 0.00	57.57 -1.32 -3.94	66.27 -1.37 -5.59	49.18 -1.24 -2.55	37.39 -0.96 0.00	31.62 -0.81 0.00
SENECA___115KV_TB3 355854	37.78 -1.21 0.00	32.27 -1.91 0.00	30.72 -1.45 0.00	30.53 -1.54 0.00	31.51 -1.94 0.00	35.46 -3.04 0.00	45.69 -3.47 1.08	42.79 -3.98 0.01	34.75 -2.24 -0.85	28.06 -1.26 0.00	26.78 -1.26 0.00	26.40 -1.48 0.00	25.21 -1.19 0.00	25.24 -1.39 0.00	25.13 -1.49 0.00	25.12 -2.04 0.00	28.31 -2.77 0.02	31.77 -3.26 0.02	36.73 -3.77 5.53	42.68 -4.12 8.15	55.15 -4.97 1.93	41.49 -4.12 2.27	34.80 -3.53 0.02	29.67 -2.76 0.00
SENECA___ENERGY 23797	38.91 -0.08 0.00	33.81 -0.38 0.00	31.91 -0.26 0.00	31.78 -0.29 0.00	33.12 -0.33 0.00	38.16 -0.35 0.00	50.31 -0.15 -0.23	46.40 -0.38 0.00	37.87 -0.18 -1.91	29.24 -0.09 0.00	27.88 -0.17 0.00	27.60 -0.28 0.00	26.19 -0.21 0.00	26.31 -0.32 0.00	26.24 -0.37 0.00	26.70 -0.46 0.00	30.43 -0.65 0.01	34.24 -0.80 0.01	46.50 -0.78 -1.25	57.79 -0.60 -3.44	64.12 -0.62 -2.69	48.64 -0.77 -1.54	37.69 -0.65 0.01	31.88 -0.55 0.00
SHOEMAKER___GT 23640	40.16 1.17 0.00	35.42 1.23 0.00	33.23 1.06 0.00	33.10 1.03 0.00	34.53 1.07 0.00	39.70 1.19 0.00	51.69 1.46 0.00	48.27 1.50 0.00	37.33 1.19 0.00	30.35 1.03 0.00	29.19 1.15 0.00	29.11 1.23 0.00	23.02 1.16 4.54	22.53 1.20 5.30	16.37 1.25 11.49	17.58 1.30 10.88	26.47 1.49 6.12	21.38 1.96 15.63	48.56 2.53 0.00	57.70 2.75 0.00	65.33 3.29 0.00	50.17 2.30 0.00	40.16 1.80 0.00	33.79 1.36 0.00
SHOEMAKR_138KV_BK 111 55601	40.16 1.17 0.00	35.42 1.23 0.00	33.26 1.09 0.00	33.10 1.03 0.00	34.53 1.07 0.00	39.74 1.23 0.00	51.94 1.71 0.00	48.28 1.50 0.00	37.30 1.16 0.00	30.38 1.06 0.00	29.19 1.15 0.00	29.08 1.20 0.00	20.89 1.21 6.72	20.03 1.25 7.85	10.91 1.33 17.04	12.34 1.30 16.12	23.59 1.55 9.07	13.84 1.96 23.17	48.56 2.53 0.00	57.70 2.75 0.00	65.33 3.29 0.00	50.17 2.30 0.00	40.16 1.80 0.00	33.79 1.36 0.00
SHOREHAM_IC_1 23715	41.88 2.89 -0.01	36.65 2.46 0.00	34.00 1.83 0.00	34.00 1.92 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.74 2.51 0.00	49.02 2.25 0.00	37.59 1.45 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.31 3.71 -4.55	52.33 4.65 -1.65	67.24 5.11 -7.18	71.21 5.83 -3.33	52.60 4.36 -0.38	47.02 3.57 -5.10	35.29 2.85 -0.01
SHOREHAM_IC_2 23716	41.88 2.89 -0.01	36.65 2.46 0.00	34.00 1.83 0.00	34.00 1.92 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.74 2.51 0.00	49.02 2.25 0.00	37.59 1.45 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.31 3.71 -4.55	52.33 4.65 -1.65	67.24 5.11 -7.18	71.21 5.83 -3.33	52.60 4.36 -0.38	47.02 3.57 -5.10	35.29 2.85 -0.01
SISSONVILLE___ 23735	38.33 -0.66 0.00	33.68 -0.51 0.00	31.65 -0.51 0.00	31.53 -0.55 0.00	32.99 -0.47 0.00	38.12 -0.39 0.00	49.38 -0.85 0.00	45.52 -1.26 0.00	35.47 -1.30 -0.63	28.09 -1.23 0.00	26.72 -1.32 0.00	26.65 -1.23 0.00	25.24 -1.16 0.00	25.43 -1.20 0.00	25.42 -1.20 0.00	25.96 -1.20 0.00	29.82 -1.27 0.00	33.61 -1.44 0.00	44.51 -1.52 0.00	54.36 -1.15 -0.56	61.48 -1.37 -0.80	47.32 -0.91 -0.37	37.78 -0.58 0.00	31.94 -0.49 0.00
SITHE_IND_GS1 24169	37.97 -1.01 0.00	33.23 -0.96 0.00	31.30 -0.87 0.00	31.21 -0.86 0.00	32.52 -0.94 0.00	37.47 -1.04 0.00	48.93 -1.31 0.00	45.52 -1.26 0.00	24.35 -0.94 10.85	28.65 -0.67 0.00	27.37 -0.67 0.00	27.18 -0.70 0.00	25.74 -0.66 0.00	25.93 -0.69 0.00	25.90 -0.72 0.00	26.43 -0.73 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.37 -1.66 0.00	42.70 -1.87 10.38	45.25 -2.05 14.75	39.41 -1.72 6.74	37.05 -1.30 0.00	31.36 -1.07 0.00

SITHE_IND_GS2 24170	37.97 -1.01 0.00	33.23 -0.96 0.00	31.30 -0.87 0.00	31.21 -0.86 0.00	32.52 -0.94 0.00	37.47 -1.04 0.00	48.93 -1.31 0.00	45.52 -1.26 0.00	24.35 -0.94 10.85	28.65 -0.67 0.00	27.37 -0.67 0.00	27.18 -0.70 0.00	25.74 -0.66 0.00	25.93 -0.69 0.00	25.90 -0.72 0.00	26.43 -0.73 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.37 -1.66 0.00	42.70 -1.87 10.38	45.25 -2.05 14.75	39.41 -1.72 6.74	37.05 -1.30 0.00	31.36 -1.07 0.00
SITHE_IND_GS3 24171	37.97 -1.01 0.00	33.23 -0.96 0.00	31.30 -0.87 0.00	31.21 -0.86 0.00	32.52 -0.94 0.00	37.47 -1.04 0.00	48.93 -1.31 0.00	45.52 -1.26 0.00	24.35 -0.94 10.85	28.65 -0.67 0.00	27.37 -0.67 0.00	27.18 -0.70 0.00	25.74 -0.66 0.00	25.93 -0.69 0.00	25.90 -0.72 0.00	26.43 -0.73 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.37 -1.66 0.00	42.70 -1.87 10.38	45.25 -2.05 14.75	39.41 -1.72 6.74	37.05 -1.30 0.00	31.36 -1.07 0.00
SITHE_IND_GS4 24172	37.97 -1.01 0.00	33.23 -0.96 0.00	31.30 -0.87 0.00	31.21 -0.86 0.00	32.52 -0.94 0.00	37.47 -1.04 0.00	48.93 -1.31 0.00	45.52 -1.26 0.00	24.35 -0.94 10.85	28.65 -0.67 0.00	27.37 -0.67 0.00	27.18 -0.70 0.00	25.74 -0.66 0.00	25.93 -0.69 0.00	25.90 -0.72 0.00	26.43 -0.73 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.37 -1.66 0.00	42.70 -1.87 10.38	45.25 -2.05 14.75	39.41 -1.72 6.74	37.05 -1.30 0.00	31.36 -1.07 0.00
SITHE___BATAVIA 24024	38.17 -0.82 0.00	32.58 -1.61 0.00	30.98 -1.19 0.00	30.86 -1.22 0.00	31.95 -1.50 0.00	36.31 -2.19 0.00	48.12 -1.66 0.46	44.48 -2.29 0.00	35.71 -1.27 -0.84	28.71 -0.62 0.00	27.31 -0.73 0.00	26.96 -0.92 0.00	25.66 -0.74 0.00	25.69 -0.93 0.00	25.52 -1.09 0.00	25.75 -1.41 0.00	28.81 -2.27 0.01	32.02 -3.01 0.01	39.84 -3.50 2.68	47.18 -3.79 3.97	56.82 -4.28 0.94	43.03 -3.73 1.10	35.61 -2.72 0.02	30.32 -2.11 0.00
SITHE___INDEPEND 23800	37.97 -1.01 0.00	33.23 -0.96 0.00	31.27 -0.90 0.00	31.21 -0.87 0.00	32.52 -0.94 0.00	37.43 -1.08 0.00	48.78 -1.46 0.00	45.52 -1.26 0.00	24.35 -0.94 10.85	28.65 -0.67 0.00	27.37 -0.67 0.00	27.18 -0.70 0.00	25.71 -0.69 0.00	25.91 -0.72 0.00	25.87 -0.75 0.00	26.40 -0.76 0.00	30.23 -0.87 0.00	33.86 -1.19 0.00	44.37 -1.66 0.00	42.70 -1.87 10.38	45.25 -2.05 14.75	39.41 -1.72 6.74	37.05 -1.30 0.00	31.36 -1.07 0.00
SITHE___MASSENA 23902	39.11 0.12 0.00	34.29 0.10 0.00	32.26 0.10 0.00	32.14 0.06 0.00	33.59 0.13 0.00	38.70 0.19 0.00	50.54 0.30 0.00	46.83 0.05 0.00	36.10 -0.04 0.00	29.27 -0.06 0.00	27.88 -0.17 0.00	27.77 -0.11 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	34.98 -0.07 0.00	46.07 0.05 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.51 0.15 0.00	32.59 0.16 0.00
SITHE___OGDNSBRG 24021	39.18 0.19 0.00	34.43 0.24 0.00	32.36 0.19 0.00	32.23 0.16 0.00	33.72 0.27 0.00	38.93 0.42 0.00	50.74 0.50 0.00	46.73 -0.05 0.00	36.19 -0.40 -0.44	28.80 -0.53 0.00	27.43 -0.62 0.00	27.32 -0.56 0.00	25.87 -0.53 0.00	26.07 -0.56 0.00	26.08 -0.53 0.00	26.64 -0.52 0.00	30.63 -0.47 0.00	34.66 -0.39 0.00	45.94 -0.09 0.00	55.56 0.22 -0.39	62.85 0.25 -0.56	48.51 0.38 -0.26	38.66 0.31 0.00	32.69 0.26 0.00
SITHE___STERLING 23777	39.84 0.86 0.00	34.94 0.75 0.00	32.91 0.74 0.00	32.78 0.70 0.00	34.23 0.77 0.00	39.50 1.00 0.00	51.74 1.51 0.00	47.90 1.12 0.00	37.95 0.61 -1.20	29.74 0.41 0.00	28.32 0.28 0.00	28.19 0.31 0.00	26.69 0.29 0.00	26.87 0.24 0.00	26.80 0.19 0.00	27.38 0.22 0.00	31.41 0.31 0.00	35.58 0.53 0.00	47.00 0.97 0.00	57.24 1.43 -0.87	65.01 1.73 -1.23	49.58 1.15 -0.56	39.23 0.88 0.00	33.11 0.68 0.00
SLEIGHT__34_KV_TB1 80719	38.36 -0.62 0.00	33.23 -0.96 0.00	31.27 -0.90 0.00	31.24 -0.83 0.00	32.55 -0.90 0.00	37.46 -1.04 0.00	48.78 -1.56 -0.10	45.70 -1.08 0.00	36.59 -0.72 -1.17	28.89 -0.44 0.00	27.57 -0.48 0.00	27.35 -0.53 0.00	25.77 -0.63 0.00	25.91 -0.72 0.00	25.76 -0.85 0.00	26.29 -0.87 0.00	29.94 -1.15 0.01	33.53 -1.51 0.01	44.75 -1.84 -0.56	54.31 -1.92 -1.28	60.83 -2.05 -0.84	46.52 -1.87 -0.52	37.04 -1.30 0.01	31.36 -1.07 0.00
SOUTH CAIRO___GT 23612	40.78 1.79 0.00	35.86 1.68 0.00	33.77 1.61 0.00	33.65 1.57 0.00	35.09 1.64 0.00	40.51 2.00 0.00	52.95 2.71 0.00	48.84 2.06 0.00	37.08 0.94 0.00	29.74 0.41 0.00	28.38 0.34 0.00	28.24 0.36 0.00	26.74 0.34 0.00	27.03 0.40 0.00	27.10 0.48 0.00	27.73 0.57 0.00	31.94 0.84 0.00	36.38 1.33 0.00	48.10 2.07 0.00	57.81 2.86 0.00	65.27 3.23 0.00	50.26 2.39 0.00	40.15 1.80 0.00	33.92 1.49 0.00
SOUTH HAMPTN___IC 23720	42.04 3.04 -0.01	36.75 2.57 0.00	34.10 1.93 0.00	34.06 1.99 0.00	35.66 2.21 0.00	40.93 2.43 0.00	52.64 2.41 0.00	48.98 2.20 0.00	37.51 1.37 0.00	30.26 0.94 0.01	29.53 1.49 0.00	29.47 1.59 0.00	29.35 1.77 -1.18	29.89 1.89 -1.38	31.52 1.92 -2.99	31.87 1.90 -2.81	35.67 2.99 -1.59	43.42 3.82 -4.55	52.51 4.83 -1.65	67.59 5.33 -7.31	71.62 6.08 -3.50	52.79 4.55 -0.38	47.09 3.65 -5.10	35.32 2.89 -0.01
SOUTHDOW__115KV_TB1 355954	38.91 -0.08 0.00	33.27 -0.92 0.00	31.36 -0.80 0.00	31.37 -0.71 0.00	32.52 -0.94 0.00	36.58 -1.93 0.00	47.98 -1.21 1.04	44.43 -2.34 0.01	35.89 -1.12 -0.87	28.91 -0.41 0.00	27.68 -0.36 0.00	27.27 -0.61 0.00	25.48 -0.92 0.00	25.59 -1.04 0.00	25.31 -1.30 0.00	25.75 -1.41 0.00	29.18 -1.90 0.02	33.14 -1.89 0.02	38.86 -1.80 5.38	45.42 -1.59 7.93	57.87 -2.30 1.88	43.46 -2.20 2.20	35.80 -2.53 0.02	30.26 -2.17 0.00
SOUTHOLD_69_KV_BK 2 55809	42.04 3.04 -0.01	36.75 2.56 0.00	34.06 1.90 0.00	34.03 1.96 0.00	35.53 2.07 0.00	40.74 2.23 0.00	52.75 2.51 0.00	48.79 2.01 0.00	37.30 1.16 0.00	30.08 0.76 0.01	29.39 1.35 0.00	29.36 1.48 0.00	29.37 1.80 -1.18	29.92 1.92 -1.38	31.55 1.94 -2.99	31.83 1.85 -2.83	35.68 2.99 -1.60	43.38 3.79 -4.55	52.51 4.83 -1.65	67.59 5.33 -7.31	71.56 6.02 -3.49	52.74 4.50 -0.38	47.01 3.57 -5.10	35.26 2.82 -0.01
SOUTHOLD___IC 23719	42.04 3.04 -0.01	36.75 2.57 0.00	34.03 1.86 0.00	34.00 1.92 0.00	35.53 2.07 0.00	40.74 2.23 0.00	52.29 2.06 0.00	48.83 2.06 0.00	37.33 1.19 0.00	30.08 0.76 0.01	29.44 1.40 0.00	29.41 1.53 0.00	29.35 1.77 -1.18	29.92 1.92 -1.38	31.52 1.92 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.39 3.79 -4.55	52.51 4.83 -1.65	67.59 5.33 -7.31	71.55 6.02 -3.49	52.74 4.50 -0.38	47.02 3.57 -5.10	35.26 2.82 -0.01
SOUTH_FORK_WT_PWR 323839	41.77 2.77 -0.01	36.48 2.29 0.00	33.81 1.64 0.00	33.74 1.67 0.00	35.19 1.74 0.00	40.28 1.77 0.00	51.69 1.46 0.00	48.32 1.54 0.00	36.93 0.79 0.00	29.76 0.44 0.01	29.17 1.12 0.00	29.25 1.37 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.33 1.73 -2.99	31.60 1.63 -2.81	35.36 2.67 -1.59	43.10 3.50 -4.55	52.14 4.46 -1.65	67.15 4.89 -7.31	70.94 5.40 -3.49	52.31 4.07 -0.38	46.67 3.22 -5.10	34.97 2.53 -0.01

SPIERFLS_115KV_TB 1 80737	40.66 1.68 0.00	35.73 1.54 0.00	33.71 1.54 0.00	33.55 1.48 0.00	35.13 1.67 0.00	40.47 1.96 0.00	52.95 2.71 0.00	49.02 2.25 0.00	37.41 1.26 0.00	30.06 0.73 0.00	28.49 0.45 0.00	28.33 0.45 0.00	26.80 0.40 0.00	27.00 0.37 0.00	27.04 0.43 0.00	27.73 0.57 0.00	31.84 0.75 0.00	36.24 1.19 0.00	47.78 1.75 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.17 2.30 0.00	40.00 1.65 0.00	33.92 1.49 0.00
ST LAWRENCE____ 23600	38.83 -0.16 0.00	34.05 -0.14 0.00	32.04 -0.13 0.00	31.91 -0.16 0.00	33.32 -0.13 0.00	38.39 -0.12 0.00	50.13 -0.10 0.00	46.59 -0.19 0.00	36.00 -0.14 0.00	29.15 -0.17 0.00	27.82 -0.23 0.00	27.69 -0.19 0.00	26.19 -0.21 0.00	26.41 -0.21 0.00	26.40 -0.21 0.00	26.94 -0.22 0.00	30.91 -0.19 0.00	34.84 -0.21 0.00	45.80 -0.23 0.00	54.68 -0.27 0.00	61.68 -0.37 0.00	47.72 -0.14 0.00	38.24 -0.11 0.00	32.36 -0.06 0.00
STATE_CA_115KV_115_LB 55624	39.69 0.70 0.00	34.94 0.75 0.00	32.91 0.74 0.00	32.81 0.74 0.00	34.19 0.74 0.00	39.35 0.85 0.00	51.24 1.00 0.00	47.71 0.94 0.00	36.61 0.47 0.00	29.59 0.26 0.00	28.35 0.31 0.00	28.22 0.33 0.00	26.77 0.37 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.65 0.49 0.00	31.72 0.62 0.00	35.86 0.81 0.00	46.90 0.87 0.00	56.05 1.10 0.00	63.16 1.12 0.00	48.83 0.96 0.00	39.12 0.77 0.00	33.08 0.65 0.00
STATE_ST_34_KV_LOAD 55959	39.14 0.16 0.00	34.15 -0.03 0.00	32.13 -0.03 0.00	32.04 -0.03 0.00	33.42 -0.03 0.00	38.50 0.00 0.00	50.56 0.20 -0.12	46.92 0.14 0.00	38.33 0.11 -2.08	29.44 0.12 0.00	28.10 0.06 0.00	27.85 -0.03 0.00	26.32 -0.08 0.00	26.49 -0.13 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.84 -0.25 0.01	34.73 -0.32 0.01	46.48 -0.23 -0.68	57.80 0.00 -2.85	65.03 0.12 -2.86	49.15 -0.19 -1.48	38.15 -0.19 0.01	32.23 -0.19 0.00
STATION 5_MISC_HYD 23604	38.40 -0.58 0.00	33.06 -1.13 0.00	31.33 -0.84 0.00	31.21 -0.86 0.00	32.42 -1.04 0.00	37.23 -1.27 0.00	49.18 -1.15 -0.10	45.33 -1.45 0.00	36.20 -0.76 -0.82	28.97 -0.35 0.00	27.62 -0.42 0.00	27.38 -0.50 0.00	26.03 -0.37 0.00	26.09 -0.53 0.00	25.98 -0.64 0.00	26.32 -0.84 0.00	29.84 -1.24 0.01	33.18 -1.86 0.01	44.26 -2.35 -0.58	53.27 -2.53 -0.85	59.58 -2.67 -0.20	45.66 -2.44 -0.24	36.69 -1.65 0.01	31.16 -1.27 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.68 -0.31 0.00	33.44 -0.75 0.00	31.46 -0.71 0.00	31.43 -0.64 0.00	32.75 -0.70 0.00	37.66 -0.85 0.00	49.14 -1.26 -0.17	45.89 -0.89 0.00	36.82 -0.51 -1.19	29.06 -0.26 0.00	27.73 -0.31 0.00	27.52 -0.36 0.00	25.90 -0.50 0.00	26.01 -0.61 0.00	25.87 -0.75 0.00	26.40 -0.76 0.00	30.09 -1.00 0.01	33.71 -1.33 0.01	45.37 -1.56 -0.91	55.18 -1.59 -1.82	61.37 -1.68 -1.00	46.97 -1.58 -0.68	37.19 -1.15 0.01	31.49 -0.94 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.17 -0.82 0.00	32.89 -1.30 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.22 -1.24 0.00	36.96 -1.54 0.00	47.93 -2.41 -0.11	45.10 -1.68 0.00	35.97 -1.01 -0.84	28.74 -0.59 0.00	27.45 -0.59 0.00	27.24 -0.64 0.00	25.61 -0.79 0.00	25.75 -0.88 0.00	25.55 -1.06 0.00	26.07 -1.09 0.00	29.63 -1.46 0.01	33.08 -1.96 0.01	44.08 -2.53 -0.58	53.06 -2.75 -0.86	59.27 -2.98 -0.20	45.52 -2.58 -0.24	36.54 -1.80 0.01	31.00 -1.43 0.00
STA_56____34_KV_BUS2 355983	38.17 -0.82 0.00	32.89 -1.30 0.00	30.98 -1.19 0.00	30.98 -1.09 0.00	32.22 -1.24 0.00	36.96 -1.54 0.00	47.93 -2.41 -0.11	45.10 -1.68 0.00	35.97 -1.01 -0.84	28.74 -0.59 0.00	27.45 -0.59 0.00	27.24 -0.64 0.00	25.61 -0.79 0.00	25.75 -0.88 0.00	25.55 -1.06 0.00	26.07 -1.09 0.00	29.63 -1.46 0.01	33.08 -1.96 0.01	44.08 -2.53 -0.58	53.06 -2.75 -0.86	59.27 -2.98 -0.20	45.52 -2.58 -0.24	36.54 -1.80 0.01	31.00 -1.43 0.00
STA_67____115KV_BK2 355882	38.36 -0.62 0.00	33.03 -1.16 0.00	31.11 -1.06 0.00	31.08 -0.99 0.00	32.35 -1.10 0.00	37.08 -1.42 0.00	48.03 -2.31 -0.10	45.19 -1.59 0.00	36.06 -0.90 -0.82	28.86 -0.47 0.00	27.57 -0.48 0.00	27.32 -0.56 0.00	25.69 -0.71 0.00	25.80 -0.83 0.00	25.63 -0.98 0.00	26.13 -1.03 0.00	29.69 -1.40 0.01	33.15 -1.89 0.01	44.16 -2.44 -0.57	53.16 -2.64 -0.85	59.39 -2.85 -0.20	45.57 -2.54 -0.23	36.62 -1.73 0.01	31.10 -1.33 0.00
STA_7____115KV_9TRANS 80674	38.56 -0.43 0.00	33.16 -1.03 0.00	31.23 -0.93 0.00	31.24 -0.83 0.00	32.52 -0.94 0.00	37.27 -1.23 0.00	48.33 -2.01 -0.10	45.52 -1.26 0.00	36.28 -0.69 -0.82	29.00 -0.32 0.00	27.73 -0.31 0.00	27.49 -0.39 0.00	25.85 -0.55 0.00	25.96 -0.67 0.00	25.76 -0.85 0.00	26.26 -0.90 0.00	29.87 -1.21 0.01	33.36 -1.68 0.01	44.43 -2.16 -0.57	53.54 -2.25 -0.84	59.83 -2.42 -0.20	45.90 -2.20 -0.23	36.88 -1.46 0.01	31.26 -1.17 0.00
STA_82____115KV_TB1 80780	38.33 -0.66 0.00	32.99 -1.20 0.00	31.07 -1.09 0.00	31.08 -0.99 0.00	32.32 -1.14 0.00	37.04 -1.46 0.00	47.98 -2.36 -0.11	45.19 -1.59 0.00	36.03 -0.94 -0.83	28.83 -0.50 0.00	27.54 -0.50 0.00	27.30 -0.59 0.00	25.66 -0.74 0.00	25.78 -0.85 0.00	25.60 -1.01 0.00	26.13 -1.03 0.00	29.69 -1.40 0.01	33.11 -1.93 0.01	44.14 -2.49 -0.60	53.15 -2.69 -0.89	59.34 -2.92 -0.21	45.53 -2.58 -0.25	36.62 -1.73 0.01	31.07 -1.36 0.00
STEEL____WIND 323596	37.74 -1.25 0.00	32.27 -1.91 0.00	30.69 -1.48 0.00	30.50 -1.57 0.00	31.51 -1.94 0.00	35.46 -3.04 0.00	45.69 -3.47 1.08	42.75 -4.02 0.01	34.72 -2.28 -0.85	28.04 -1.29 0.00	26.75 -1.29 0.00	26.37 -1.51 0.00	25.19 -1.21 0.00	25.22 -1.41 0.00	25.10 -1.52 0.00	25.09 -2.07 0.00	28.28 -2.80 0.02	31.77 -3.26 0.02	36.73 -3.77 5.53	42.68 -4.12 8.15	55.15 -4.97 1.93	41.44 -4.16 2.27	34.80 -3.53 0.02	29.67 -2.76 0.00
STEPHTWN_115KV_BK_2 55603	39.88 0.90 0.00	35.08 0.89 0.00	33.04 0.87 0.00	32.94 0.87 0.00	34.36 0.90 0.00	39.54 1.04 0.00	51.54 1.31 0.00	47.95 1.17 0.00	36.76 0.61 0.00	29.68 0.35 0.00	28.41 0.36 0.00	28.27 0.39 0.00	26.82 0.42 0.00	27.08 0.45 0.00	27.12 0.51 0.00	27.73 0.57 0.00	31.81 0.72 0.00	36.00 0.95 0.00	47.13 1.10 0.00	56.38 1.43 0.00	63.53 1.49 0.00	49.11 1.24 0.00	39.31 0.96 0.00	33.24 0.81 0.00
STEBEN_REC_LFGE 323667	39.10 0.12 0.00	33.57 -0.62 0.00	31.62 -0.55 0.00	31.62 -0.45 0.00	32.89 -0.57 0.00	37.39 -1.12 0.00	51.97 -0.55 -2.28	45.44 -1.36 -0.02	36.34 -0.90 -1.10	28.80 -0.53 0.00	27.45 -0.59 0.00	27.07 -0.81 0.00	25.37 -1.03 0.00	25.46 -1.17 0.00	25.23 -1.38 0.00	25.69 -1.47 0.00	29.26 -1.80 0.03	33.27 -1.75 0.03	57.09 -1.56 -12.63	73.08 -1.10 -19.23	65.98 -1.24 -5.18	51.91 -1.48 -5.53	36.59 -1.73 0.03	31.00 -1.43 0.00
STILLWATER____SOLAR 323814	40.55 1.56 0.00	35.62 1.44 0.00	33.52 1.35 0.00	33.45 1.38 0.00	34.96 1.51 0.00	40.20 1.69 0.00	52.29 2.06 0.00	48.74 1.96 0.00	37.22 1.08 0.00	29.97 0.64 0.00	28.57 0.53 0.00	28.41 0.53 0.00	26.85 0.45 0.00	27.13 0.50 0.00	27.15 0.53 0.00	27.86 0.70 0.00	32.00 0.90 0.00	36.42 1.37 0.00	47.92 1.89 0.00	57.59 2.64 0.00	64.90 2.86 0.00	50.17 2.30 0.00	40.08 1.73 0.00	33.89 1.46 0.00

STONY___BROOK 24151	41.81 2.81 -0.01	36.62 2.43 0.00	34.00 1.83 0.00	33.97 1.89 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.79 2.56 0.00	49.02 2.25 0.00	37.62 1.48 0.00	30.43 1.11 0.01	29.61 1.57 0.00	29.47 1.59 0.00	29.27 1.69 -1.18	29.79 1.78 -1.38	31.47 1.86 -2.99	31.87 1.90 -2.81	35.64 2.96 -1.59	43.31 3.71 -4.55	52.29 4.60 -1.66	66.64 5.05 -6.64	70.53 5.83 -2.66	52.56 4.31 -0.38	47.03 3.57 -5.11	35.23 2.79 -0.01
STURGEON_POOL_HYD 23609	40.51 1.52 0.00	35.73 1.54 0.00	33.52 1.35 0.00	33.39 1.32 0.00	34.79 1.34 0.00	40.08 1.58 0.00	52.44 2.21 0.00	48.70 1.92 0.00	37.62 1.48 0.00	30.59 1.26 0.00	29.39 1.35 0.00	29.27 1.39 0.00	27.83 1.43 0.00	28.09 1.46 0.00	28.16 1.54 0.00	28.71 1.55 0.00	32.93 1.83 0.00	37.36 2.31 0.00	49.07 3.04 0.00	58.25 3.30 0.00	65.95 3.91 0.00	50.64 2.78 0.00	40.54 2.19 0.00	34.08 1.65 0.00
ST_LAW_115_BK7_LBMP 345037	38.79 -0.19 0.00	34.05 -0.14 0.00	32.01 -0.16 0.00	31.91 -0.16 0.00	33.32 -0.13 0.00	38.39 -0.12 0.00	50.13 -0.10 0.00	46.55 -0.23 0.00	35.96 -0.18 0.00	29.12 -0.20 0.00	27.79 -0.25 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.39 -0.24 0.00	26.38 -0.24 0.00	26.91 -0.24 0.00	30.91 -0.19 0.00	34.81 -0.24 0.00	45.80 -0.23 0.00	54.62 -0.33 0.00	61.61 -0.43 0.00	47.72 -0.14 0.00	38.20 -0.15 0.00	32.33 -0.10 0.00
ST_LAW_115_BK8_LBMP 345038	38.79 -0.19 0.00	34.05 -0.14 0.00	32.01 -0.16 0.00	31.91 -0.16 0.00	33.32 -0.13 0.00	38.39 -0.12 0.00	50.13 -0.10 0.00	46.55 -0.23 0.00	35.96 -0.18 0.00	29.12 -0.20 0.00	27.79 -0.25 0.00	27.66 -0.22 0.00	26.16 -0.24 0.00	26.39 -0.24 0.00	26.38 -0.24 0.00	26.91 -0.24 0.00	30.91 -0.19 0.00	34.81 -0.24 0.00	45.80 -0.23 0.00	54.62 -0.33 0.00	61.61 -0.43 0.00	47.72 -0.14 0.00	38.20 -0.15 0.00	32.33 -0.10 0.00
ST_LAW_230_BK5_LBMP 345035	38.83 -0.16 0.00	34.05 -0.14 0.00	32.04 -0.13 0.00	31.91 -0.16 0.00	33.32 -0.13 0.00	38.39 -0.12 0.00	50.13 -0.10 0.00	46.59 -0.19 0.00	36.00 -0.14 0.00	29.15 -0.17 0.00	27.82 -0.23 0.00	27.69 -0.19 0.00	26.19 -0.21 0.00	26.41 -0.21 0.00	26.40 -0.21 0.00	26.94 -0.22 0.00	30.91 -0.19 0.00	34.84 -0.21 0.00	45.80 -0.23 0.00	54.68 -0.27 0.00	61.68 -0.37 0.00	47.72 -0.14 0.00	38.24 -0.11 0.00	32.36 -0.06 0.00
ST_LAW_230_BK6_LBMP 345036	38.83 -0.16 0.00	34.05 -0.14 0.00	32.04 -0.13 0.00	31.91 -0.16 0.00	33.32 -0.13 0.00	38.39 -0.12 0.00	50.13 -0.10 0.00	46.59 -0.19 0.00	36.00 -0.14 0.00	29.15 -0.17 0.00	27.82 -0.23 0.00	27.69 -0.19 0.00	26.19 -0.21 0.00	26.41 -0.21 0.00	26.40 -0.21 0.00	26.94 -0.22 0.00	30.91 -0.19 0.00	34.84 -0.21 0.00	45.80 -0.23 0.00	54.68 -0.27 0.00	61.68 -0.37 0.00	47.72 -0.14 0.00	38.24 -0.11 0.00	32.36 -0.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.31 1.33 0.00	35.56 1.37 0.00	33.36 1.19 0.00	33.23 1.15 0.00	34.63 1.17 0.00	39.85 1.35 0.00	52.14 1.91 0.00	48.46 1.68 0.00	37.48 1.34 0.00	30.56 1.23 0.00	29.36 1.32 0.00	29.25 1.37 0.00	30.57 1.40 -2.77	31.30 1.44 -3.24	35.16 1.52 -7.03	35.30 1.49 -6.65	36.61 1.77 -3.74	46.79 2.21 -9.54	48.84 2.81 0.00	57.97 3.02 0.00	65.64 3.60 0.00	50.41 2.54 0.00	40.38 2.03 0.00	33.95 1.52 0.00
SWANROAD_115KV_TB1 355699	36.57 -2.42 0.00	31.21 -2.97 0.00	29.40 -2.77 0.00	29.41 -2.66 0.00	30.51 -2.94 0.00	34.04 -4.47 0.00	42.84 -6.53 0.86	41.30 -5.47 0.01	33.50 -3.47 -0.83	27.13 -2.20 0.00	25.97 -2.08 0.00	25.59 -2.29 0.00	23.92 -2.48 0.00	24.02 -2.61 0.00	23.79 -2.82 0.00	24.20 -2.96 0.00	27.32 -3.76 0.02	30.34 -4.70 0.02	35.10 -5.85 5.08	40.72 -6.70 7.52	52.20 -8.07 1.78	39.32 -6.46 2.09	33.54 -4.79 0.02	28.76 -3.66 0.00
SYNERGY___BIOGAS 323694	38.17 -0.82 0.00	32.58 -1.61 0.00	30.72 -1.45 0.00	30.73 -1.35 0.00	31.95 -1.51 0.00	36.12 -2.39 0.00	46.91 -2.86 0.46	44.48 -2.29 0.00	35.64 -1.34 -0.84	28.59 -0.73 0.00	27.31 -0.73 0.00	26.96 -0.92 0.00	25.19 -1.21 0.00	25.30 -1.33 0.00	25.02 -1.60 0.00	25.53 -1.63 0.00	28.69 -2.39 0.01	32.06 -2.98 0.02	39.84 -3.50 2.68	47.24 -3.74 3.97	56.70 -4.41 0.94	43.03 -3.73 1.10	35.61 -2.72 0.02	30.32 -2.11 0.00
SYRACUSE___ENERGY_ST1 323597	38.99 0.00 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.35 -0.10 0.00	38.47 -0.04 0.00	50.23 0.00 0.00	46.78 0.00 0.00	38.68 0.04 -2.50	29.38 0.06 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.73 -0.32 0.00	45.66 -0.37 0.00	56.97 -0.27 -2.30	65.12 -0.19 -3.26	49.02 -0.34 -1.49	38.08 -0.27 0.00	32.20 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	38.99 0.00 0.00	34.09 -0.10 0.00	32.07 -0.10 0.00	31.98 -0.10 0.00	33.35 -0.10 0.00	38.47 -0.04 0.00	50.23 0.00 0.00	46.78 0.00 0.00	38.68 0.04 -2.50	29.38 0.06 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.73 -0.32 0.00	45.66 -0.37 0.00	56.97 -0.27 -2.30	65.12 -0.19 -3.26	49.02 -0.34 -1.49	38.08 -0.27 0.00	32.20 -0.23 0.00
SYRACUSE___POWER 24017	38.99 0.00 0.00	34.09 -0.10 0.00	32.04 -0.13 0.00	31.95 -0.13 0.00	33.32 -0.13 0.00	38.43 -0.08 0.00	50.18 -0.05 0.00	46.78 0.00 0.00	38.28 0.00 -2.14	29.35 0.03 0.00	28.04 0.00 0.00	27.83 -0.06 0.00	26.32 -0.08 0.00	26.52 -0.11 0.00	26.46 -0.16 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.77 -0.28 0.00	45.71 -0.32 0.00	56.39 -0.22 -1.67	64.22 -0.19 -2.37	48.61 -0.34 -1.08	38.08 -0.27 0.00	32.20 -0.23 0.00
TALLMAN__138KV_BK151 55660	40.47 1.48 0.00	35.69 1.50 0.00	33.52 1.35 0.00	33.36 1.28 0.00	34.76 1.30 0.00	40.01 1.50 0.00	52.34 2.11 0.00	48.65 1.87 0.00	37.69 1.55 0.00	30.76 1.44 0.00	29.58 1.54 0.00	29.50 1.62 0.00	30.33 1.61 -2.32	30.99 1.65 -2.71	34.24 1.73 -5.89	34.44 1.71 -5.57	36.22 1.99 -3.13	45.52 2.49 -7.98	49.11 3.08 0.00	58.30 3.35 0.00	66.08 4.03 0.00	50.69 2.82 0.00	40.61 2.26 0.00	34.12 1.69 0.00
TEALLAVE_115KV_TB7 355573	38.83 -0.16 0.00	33.95 -0.24 0.00	31.94 -0.23 0.00	31.85 -0.22 0.00	33.22 -0.23 0.00	38.27 -0.23 0.00	49.98 -0.25 0.00	46.64 -0.14 0.00	38.24 -0.07 -2.17	29.30 -0.03 0.00	27.99 -0.06 0.00	27.80 -0.08 0.00	26.27 -0.13 0.00	26.47 -0.16 0.00	26.40 -0.21 0.00	26.94 -0.22 0.00	30.82 -0.28 0.00	34.63 -0.42 0.00	45.52 -0.51 0.00	55.99 -0.49 -1.53	63.79 -0.43 -2.18	48.34 -0.53 -1.00	37.97 -0.38 0.00	32.07 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	37.55 -1.44 0.00	32.07 -2.12 0.00	30.20 -1.96 0.00	30.25 -1.83 0.00	31.38 -2.07 0.00	35.27 -3.23 0.00	45.34 -4.32 0.58	43.22 -3.56 0.00	34.81 -2.17 -0.84	28.06 -1.26 0.00	26.84 -1.21 0.00	26.49 -1.39 0.00	24.79 -1.61 0.00	24.87 -1.76 0.00	24.62 -2.00 0.00	25.10 -2.06 0.00	28.19 -2.89 0.02	31.42 -3.61 0.02	38.22 -4.46 3.35	45.05 -4.95 4.95	55.04 -5.83 1.17	41.66 -4.83 1.37	34.77 -3.57 0.02	29.67 -2.76 0.00

TEMPLE___115KV_TB 2 55572	38.87 -0.12 0.00	33.98 -0.21 0.00	31.97 -0.19 0.00	31.88 -0.19 0.00	33.22 -0.23 0.00	38.31 -0.19 0.00	50.03 -0.20 0.00	46.64 -0.14 0.00	38.22 -0.07 -2.15	29.33 0.00 0.00	28.01 -0.03 0.00	27.80 -0.08 0.00	26.29 -0.11 0.00	26.47 -0.16 0.00	26.43 -0.19 0.00	26.97 -0.19 0.00	30.85 -0.25 0.00	34.66 -0.39 0.00	45.52 -0.51 0.00	56.03 -0.44 -1.52	63.77 -0.43 -2.16	48.33 -0.53 -0.99	37.97 -0.38 0.00	32.11 -0.32 0.00
TIANA___69_KV_BK 1 55817	42.04 3.04 -0.01	36.79 2.60 0.00	34.13 1.96 0.00	34.13 2.05 0.00	35.70 2.24 0.00	41.04 2.54 0.00	53.20 2.96 0.00	49.07 2.29 0.00	37.55 1.41 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.51 0.00	29.35 1.77 -1.18	29.89 1.89 -1.38	31.57 1.97 -2.99	31.89 1.90 -2.83	35.74 3.05 -1.60	43.45 3.86 -4.55	52.51 4.83 -1.65	67.64 5.38 -7.31	71.68 6.14 -3.49	52.79 4.55 -0.38	47.13 3.68 -5.10	35.36 2.92 -0.01
TILDEN___115KV_TB1 80814	38.99 0.00 0.00	34.09 -0.10 0.00	32.04 -0.13 0.00	31.95 -0.13 0.00	33.32 -0.13 0.00	38.43 -0.08 0.00	50.18 -0.05 0.00	46.78 0.00 0.00	38.28 0.00 -2.14	29.35 0.03 0.00	28.04 0.00 0.00	27.83 -0.06 0.00	26.32 -0.08 0.00	26.52 -0.11 0.00	26.46 -0.16 0.00	27.02 -0.14 0.00	30.91 -0.19 0.00	34.77 -0.28 0.00	45.71 -0.32 0.00	56.39 -0.22 -1.67	64.22 -0.19 -2.37	48.61 -0.34 -1.08	38.08 -0.27 0.00	32.20 -0.23 0.00
TRIGEN___CC 323695	41.15 2.14 -0.02	36.10 1.91 0.00	33.68 1.51 0.00	33.58 1.51 0.00	35.13 1.67 0.00	40.47 1.96 0.00	52.64 2.41 0.00	48.70 1.92 0.00	37.51 1.37 0.00	30.49 1.17 0.01	29.53 1.49 0.00	29.39 1.51 0.00	29.22 1.64 -1.18	29.73 1.73 -1.38	31.41 1.81 -2.99	31.75 1.77 -2.83	35.25 2.55 -1.60	42.99 3.01 -4.92	52.57 3.68 -2.86	66.57 3.90 -7.72	66.71 4.65 -0.02	51.87 3.35 -0.65	49.97 2.80 -8.81	34.62 2.17 -0.02
TRINITY___115KV___ 4 BK 55933	39.57 0.58 0.00	34.80 0.62 0.00	32.78 0.61 0.00	32.72 0.64 0.00	34.09 0.64 0.00	39.20 0.69 0.00	51.04 0.80 0.00	47.57 0.80 0.00	36.50 0.36 0.00	29.53 0.21 0.00	28.29 0.25 0.00	28.16 0.28 0.00	26.72 0.32 0.00	27.00 0.37 0.00	27.04 0.43 0.00	27.62 0.46 0.00	31.66 0.56 0.00	35.75 0.70 0.00	46.76 0.74 0.00	55.88 0.93 0.00	62.91 0.87 0.00	48.68 0.81 0.00	39.00 0.65 0.00	33.01 0.58 0.00
UNION___PROCESSING_DRP 323587	38.33 -0.66 0.00	32.99 -1.20 0.00	31.07 -1.09 0.00	31.08 -0.99 0.00	32.32 -1.14 0.00	37.04 -1.46 0.00	47.87 -2.36 0.00	45.19 -1.59 0.00	36.04 -0.94 -0.84	28.83 -0.50 0.00	27.54 -0.50 0.00	27.32 -0.56 0.00	25.66 -0.74 0.00	25.80 -0.83 0.00	25.60 -1.01 0.00	26.13 -1.03 0.00	29.69 -1.40 0.01	33.11 -1.93 0.01	43.54 -2.49 0.00	52.26 -2.69 0.00	59.13 -2.92 0.00	45.28 -2.58 0.00	36.62 -1.73 0.01	31.07 -1.36 0.00
UPPER HUDSON___HYD 24058	40.66 1.68 0.00	35.73 1.54 0.00	33.65 1.48 0.00	33.55 1.48 0.00	35.13 1.67 0.00	40.39 1.89 0.00	52.74 2.51 0.00	49.02 2.25 0.00	37.37 1.23 0.00	30.06 0.73 0.00	28.49 0.45 0.00	28.30 0.42 0.00	26.72 0.32 0.00	26.92 0.29 0.00	26.94 0.32 0.00	27.67 0.51 0.00	31.81 0.72 0.00	36.24 1.19 0.00	47.73 1.70 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.17 2.30 0.00	40.00 1.65 0.00	33.92 1.49 0.00
UPPER RAQUET___HYD 24056	38.32 -0.66 0.00	33.68 -0.51 0.00	31.62 -0.55 0.00	31.53 -0.55 0.00	32.99 -0.47 0.00	38.12 -0.38 0.00	49.43 -0.81 0.00	45.52 -1.26 0.00	35.47 -1.30 -0.63	28.09 -1.23 0.00	26.73 -1.32 0.00	26.65 -1.23 0.00	25.21 -1.19 0.00	25.40 -1.22 0.00	25.37 -1.25 0.00	25.97 -1.19 0.00	29.92 -1.18 0.00	33.61 -1.44 0.00	44.51 -1.52 0.00	54.36 -1.16 -0.56	61.48 -1.37 -0.80	47.32 -0.91 -0.37	37.78 -0.57 0.00	31.94 -0.49 0.00
VALLEY44___115KV_TB2 355964	37.90 -1.09 0.00	32.45 -1.74 0.00	30.59 -1.58 0.00	30.57 -1.51 0.00	31.65 -1.81 0.00	35.54 -2.96 0.00	47.87 -1.36 1.01	43.07 -3.70 0.01	34.78 -2.24 -0.88	27.95 -1.38 0.00	26.72 -1.32 0.00	26.35 -1.53 0.00	24.68 -1.72 0.00	24.79 -1.84 0.00	24.57 -2.05 0.00	25.01 -2.15 0.00	28.52 -2.55 0.02	32.89 -2.14 0.02	39.10 -1.80 5.13	45.78 -1.59 7.57	57.71 -2.54 1.80	43.90 -1.87 2.10	35.41 -2.91 0.02	29.93 -2.50 0.00
VALLEY___115KV_TB 1-4 80826	39.14 0.16 0.00	34.39 0.21 0.00	32.36 0.19 0.00	32.30 0.22 0.00	33.72 0.27 0.00	38.89 0.39 0.00	50.69 0.45 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.44 0.12 0.00	28.10 0.06 0.00	27.91 0.03 0.00	26.40 0.00 0.00	26.60 -0.03 0.00	26.56 -0.05 0.00	27.13 -0.03 0.00	31.13 0.03 0.00	35.16 0.11 0.00	46.35 0.32 0.00	55.44 0.49 0.00	62.67 0.62 0.00	48.39 0.53 0.00	38.85 0.50 0.00	32.72 0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.15 3.16 0.00	36.96 2.77 0.00	34.77 2.61 0.00	34.64 2.57 0.00	36.20 2.74 0.00	41.81 3.31 0.00	55.10 4.97 0.10	50.75 3.98 0.00	39.27 2.31 -0.82	30.94 1.61 0.00	29.30 1.26 0.00	29.30 1.42 0.00	27.67 1.27 0.00	27.75 1.12 0.00	27.52 0.90 0.00	28.16 1.00 0.00	32.48 1.37 -0.01	37.27 2.21 -0.01	47.82 2.35 0.56	57.62 2.86 0.19	66.05 3.29 -0.71	50.45 2.39 -0.19	40.20 1.84 -0.01	33.89 1.46 0.00
VISCHER___FERRY HYD 24020	40.00 1.01 0.00	35.18 0.99 0.00	33.07 0.90 0.00	33.07 1.00 0.00	34.53 1.07 0.00	39.62 1.12 0.00	51.44 1.20 0.00	48.18 1.40 0.00	36.97 0.83 0.00	29.79 0.47 0.00	28.52 0.48 0.00	28.38 0.50 0.00	26.85 0.45 0.00	27.19 0.56 0.00	27.20 0.58 0.00	27.84 0.68 0.00	31.94 0.84 0.00	36.28 1.23 0.00	47.59 1.57 0.00	56.92 1.98 0.00	64.03 1.98 0.00	49.59 1.72 0.00	39.69 1.34 0.00	33.53 1.10 0.00
V_A_10_SYNC_DSASP 323832	37.66 -1.33 0.00	32.31 -1.88 0.00	30.43 -1.74 0.00	30.41 -1.67 0.00	31.58 -1.87 0.00	35.42 -3.08 0.00	44.42 -4.92 0.89	43.12 -3.65 0.01	34.72 -2.20 -0.78	28.06 -1.26 0.00	26.84 -1.21 0.00	26.51 -1.37 0.00	24.84 -1.56 0.00	24.95 -1.68 0.00	24.75 -1.86 0.00	25.20 -1.96 0.00	28.47 -2.61 0.02	31.49 -3.54 0.02	36.40 -4.74 4.88	42.34 -5.38 7.23	54.32 -6.02 1.71	40.84 -5.03 2.00	34.89 -3.45 0.02	29.90 -2.53 0.00
V_CMM_10_SYNC_DSASP 323787	39.30 0.31 0.00	34.46 0.27 0.00	32.39 0.23 0.00	32.30 0.22 0.00	33.72 0.27 0.00	38.85 0.35 0.00	50.74 0.50 0.00	47.11 0.33 0.00	36.36 0.22 0.00	29.47 0.15 0.00	28.10 0.06 0.00	27.99 0.11 0.00	26.48 0.08 0.00	26.71 0.08 0.00	26.70 0.08 0.00	27.27 0.11 0.00	31.22 0.12 0.00	35.26 0.21 0.00	46.35 0.32 0.00	54.78 -0.16 0.00	61.86 -0.19 0.00	48.30 0.43 0.00	38.66 0.31 0.00	32.75 0.32 0.00
V_CMP_10_SYNC_DSASP 323788	39.30 0.31 0.00	34.46 0.27 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	38.93 0.42 0.00	50.94 0.70 0.00	47.34 0.56 0.00	36.50 0.36 0.00	29.59 0.26 0.00	28.15 0.11 0.00	27.99 0.11 0.00	26.48 0.08 0.00	26.65 0.03 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.19 0.09 0.00	35.30 0.25 0.00	46.49 0.46 0.00	55.66 0.71 0.00	62.79 0.74 0.00	48.59 0.72 0.00	38.81 0.46 0.00	32.85 0.42 0.00

V_D_10_SYNC_DSASP 323841	39.10 0.12 0.00	34.29 0.10 0.00	32.26 0.10 0.00	32.14 0.06 0.00	33.59 0.13 0.00	38.70 0.19 0.00	50.48 0.25 0.00	46.87 0.09 0.00	36.14 0.00 0.00	29.27 -0.06 0.00	27.90 -0.14 0.00	27.77 -0.11 0.00	26.29 -0.11 0.00	26.49 -0.13 0.00	26.51 -0.11 0.00	27.05 -0.11 0.00	31.00 -0.09 0.00	34.98 -0.07 0.00	46.07 0.05 0.00	55.06 0.11 0.00	62.11 0.06 0.00	48.11 0.24 0.00	38.51 0.15 0.00	32.59 0.16 0.00
V_E_10_SYNC_DSASP 323830	41.87 2.89 0.00	36.65 2.46 0.00	34.51 2.35 0.00	34.38 2.31 0.00	35.93 2.48 0.00	41.55 3.04 0.00	54.80 4.57 0.00	50.29 3.51 0.00	39.27 2.02 -1.10	30.62 1.29 0.00	28.88 0.84 0.00	28.80 0.92 0.00	26.98 0.79 0.21	27.07 0.69 0.25	26.64 0.56 0.54	27.36 0.71 0.51	31.87 1.06 0.28	36.18 1.86 0.72	49.20 3.18 0.00	60.23 4.40 -0.89	68.40 5.09 -1.26	51.84 3.40 -0.58	40.73 2.38 0.00	34.18 1.75 0.00
V_F_30_NSYNC___DSASP 323816	40.63 1.64 0.00	35.69 1.50 0.00	33.61 1.45 0.00	33.49 1.41 0.00	35.03 1.57 0.00	40.27 1.77 0.00	52.64 2.41 0.00	48.79 2.01 0.00	37.33 1.19 0.00	30.06 0.73 0.00	28.66 0.62 0.00	28.49 0.61 0.00	27.01 0.61 0.00	27.27 0.64 0.00	27.31 0.69 0.00	27.95 0.79 0.00	32.09 1.00 0.00	36.49 1.44 0.00	47.96 1.93 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.26 2.39 0.00	40.15 1.80 0.00	33.92 1.49 0.00
V_F_30_SYNC_DSASP 323786	39.69 0.70 0.00	34.94 0.75 0.00	32.87 0.71 0.00	32.78 0.71 0.00	34.19 0.74 0.00	39.31 0.81 0.00	51.24 1.00 0.00	47.71 0.94 0.00	36.61 0.47 0.00	29.59 0.26 0.00	28.35 0.31 0.00	28.22 0.33 0.00	26.77 0.37 0.00	27.03 0.40 0.00	27.07 0.45 0.00	27.65 0.49 0.00	31.72 0.62 0.00	35.86 0.81 0.00	46.90 0.87 0.00	56.05 1.10 0.00	63.16 1.12 0.00	48.83 0.96 0.00	39.12 0.77 0.00	33.08 0.65 0.00
V_XM_10_SYNC_DSASP 323789	39.30 0.31 0.00	34.46 0.27 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	38.93 0.42 0.00	50.94 0.70 0.00	47.34 0.56 0.00	36.50 0.36 0.00	29.59 0.26 0.00	28.15 0.11 0.00	27.99 0.11 0.00	26.48 0.08 0.00	26.65 0.03 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.19 0.09 0.00	35.30 0.25 0.00	46.49 0.46 0.00	55.66 0.71 0.00	62.79 0.74 0.00	48.59 0.72 0.00	38.81 0.46 0.00	32.85 0.42 0.00
W.BABYLN_69_KV_BK1 56697	41.88 2.89 -0.01	36.68 2.50 0.00	34.10 1.93 0.00	34.06 1.99 0.00	35.70 2.24 0.00	41.08 2.58 0.00	53.40 3.16 0.00	49.26 2.48 0.00	37.77 1.63 0.00	30.61 1.29 0.01	29.70 1.65 0.00	29.53 1.64 0.00	29.40 1.82 -1.18	29.92 1.92 -1.38	31.63 2.02 -2.99	32.00 2.01 -2.83	35.77 3.08 -1.60	43.40 3.75 -4.59	52.52 4.69 -1.80	65.86 5.17 -5.75	69.17 6.02 -1.11	52.68 4.40 -0.41	47.51 3.61 -5.55	35.26 2.82 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.59 1.60 0.00	35.80 1.61 0.00	33.58 1.42 0.00	33.42 1.35 0.00	34.86 1.41 0.00	40.08 1.58 0.00	52.49 2.26 0.00	48.79 2.01 0.00	37.77 1.63 0.00	30.82 1.50 0.00	29.64 1.60 0.00	29.55 1.67 0.00	30.02 1.66 -1.96	30.61 1.70 -2.28	33.36 1.78 -4.96	33.64 1.79 -4.69	35.82 2.08 -2.64	44.32 2.56 -6.71	49.30 3.27 0.00	58.47 3.52 0.00	66.26 4.22 0.00	50.84 2.97 0.00	40.69 2.34 0.00	34.21 1.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.66 1.68 0.00	35.93 1.74 0.00	33.68 1.51 0.00	33.49 1.41 0.00	34.96 1.51 0.00	40.20 1.69 0.00	52.64 2.41 0.00	49.02 2.25 0.00	38.02 1.88 0.00	31.17 1.85 0.00	30.01 1.96 0.00	29.92 2.04 0.00	29.62 2.03 -1.18	30.09 2.08 -1.38	31.75 2.13 -3.00	32.09 2.09 -2.84	35.09 2.39 -1.60	42.05 2.94 -4.06	49.66 3.64 0.00	58.80 3.85 0.00	66.64 4.59 0.00	51.12 3.26 0.00	40.92 2.57 0.00	34.38 1.95 0.00
W50THST__13_KV_LOAD 356117	40.86 1.87 0.00	36.07 1.88 0.00	33.84 1.67 0.00	33.65 1.57 0.00	35.13 1.67 0.00	40.39 1.89 0.00	52.95 2.71 0.00	49.30 2.53 0.00	38.27 2.13 0.00	31.38 2.05 0.00	30.20 2.16 0.00	30.11 2.23 0.00	29.83 2.24 -1.18	30.27 2.26 -1.38	31.93 2.32 -3.00	32.28 2.28 -2.84	35.31 2.61 -1.60	42.30 3.19 -4.06	49.99 3.96 0.00	59.12 4.18 0.00	67.01 4.96 0.00	51.41 3.54 0.00	41.11 2.76 0.00	34.50 2.08 0.00
WADING RIVER_IC_1 23522	41.88 2.89 -0.01	36.65 2.46 0.00	34.00 1.83 0.00	34.00 1.92 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.74 2.51 0.00	48.98 2.20 0.00	37.59 1.45 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.35 3.75 -4.55	52.33 4.65 -1.65	67.39 5.11 -7.33	71.40 5.83 -3.52	52.60 4.36 -0.38	47.01 3.57 -5.09	35.26 2.82 -0.01
WADING RIVER_IC_2 23547	41.88 2.89 -0.01	36.65 2.46 0.00	34.00 1.83 0.00	34.00 1.92 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.74 2.51 0.00	48.98 2.20 0.00	37.59 1.45 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.35 3.75 -4.55	52.33 4.65 -1.65	67.39 5.11 -7.33	71.40 5.83 -3.52	52.60 4.36 -0.38	47.01 3.57 -5.09	35.26 2.82 -0.01
WADING RIVER_IC_3 23601	41.88 2.89 -0.01	36.65 2.46 0.00	34.00 1.83 0.00	34.00 1.92 0.00	35.63 2.17 0.00	40.97 2.47 0.00	52.74 2.51 0.00	48.98 2.20 0.00	37.59 1.45 0.00	30.34 1.03 0.01	29.53 1.49 0.00	29.39 1.50 0.00	29.22 1.64 -1.18	29.76 1.76 -1.38	31.41 1.81 -2.99	31.82 1.85 -2.81	35.61 2.92 -1.59	43.35 3.75 -4.55	52.33 4.65 -1.65	67.39 5.11 -7.33	71.40 5.83 -3.52	52.60 4.36 -0.38	47.01 3.57 -5.09	35.26 2.82 -0.01
WALDENNY_12_KV_BK2 80841	37.70 -1.29 0.00	32.21 -1.98 0.00	30.33 -1.83 0.00	30.34 -1.73 0.00	31.45 -2.01 0.00	35.19 -3.31 0.00	45.11 -4.07 1.06	42.65 -4.12 0.01	34.57 -2.42 -0.85	27.92 -1.41 0.00	26.72 -1.32 0.00	26.38 -1.51 0.00	24.66 -1.74 0.00	24.76 -1.86 0.00	24.51 -2.10 0.00	24.93 -2.23 0.00	28.22 -2.86 0.02	31.70 -3.33 0.02	36.53 -3.96 5.54	42.44 -4.34 8.17	54.77 -5.34 1.94	41.24 -4.36 2.27	34.73 -3.61 0.02	29.61 -2.82 0.00
WALDEN___HYDRO 24148	40.59 1.60 0.00	35.80 1.61 0.00	33.61 1.45 0.00	33.45 1.38 0.00	34.86 1.41 0.00	40.16 1.66 0.00	52.59 2.36 0.00	48.84 2.06 0.00	37.69 1.55 0.00	30.64 1.32 0.00	29.44 1.40 0.00	29.33 1.45 0.00	28.09 1.48 -0.21	28.39 1.52 -0.25	28.75 1.60 -0.54	29.27 1.60 -0.51	33.28 1.90 -0.29	38.32 2.42 -0.85	49.20 3.18 0.00	58.52 3.57 0.00	66.26 4.22 0.00	50.84 2.97 0.00	40.65 2.30 0.00	34.18 1.75 0.00
WARRENSBURG____ 23737	40.66 1.68 0.00	35.73 1.54 0.00	33.71 1.54 0.00	33.55 1.48 0.00	35.13 1.67 0.00	40.47 1.96 0.00	52.95 2.71 0.00	49.02 2.25 0.00	37.41 1.26 0.00	30.06 0.73 0.00	28.49 0.45 0.00	28.33 0.45 0.00	26.80 0.40 0.00	27.00 0.37 0.00	27.04 0.43 0.00	27.73 0.57 0.00	31.84 0.75 0.00	36.24 1.19 0.00	47.78 1.75 0.00	57.64 2.69 0.00	65.02 2.98 0.00	50.17 2.30 0.00	40.00 1.65 0.00	33.92 1.49 0.00

WATERSIDE___6 8 9 23538	40.55 1.56 0.00	35.86 1.68 0.00	33.65 1.48 0.00	33.42 1.35 0.00	34.86 1.41 0.00	40.01 1.50 0.00	52.24 2.01 0.00	48.70 1.92 0.00	37.84 1.70 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.83 1.95 0.00	29.54 1.95 -1.18	30.00 2.00 -1.38	31.69 2.08 -3.00	32.03 2.04 -2.83	34.99 2.30 -1.59	41.90 2.80 -4.05	49.48 3.45 0.00	58.36 3.41 0.00	66.08 4.03 0.00	50.84 2.97 0.00	40.77 2.42 0.00	34.28 1.85 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.18 0.19 0.00	34.43 0.24 0.00	32.42 0.26 0.00	32.33 0.26 0.00	33.79 0.33 0.00	39.00 0.50 0.00	50.69 0.45 0.00	47.15 0.37 0.00	36.32 0.18 0.00	29.41 0.09 0.00	28.07 0.03 0.00	27.85 -0.03 0.00	26.35 -0.05 0.00	26.52 -0.11 0.00	26.48 -0.13 0.00	27.05 -0.11 0.00	31.07 -0.03 0.00	35.09 0.04 0.00	46.30 0.28 0.00	55.44 0.49 0.00	62.73 0.68 0.00	48.39 0.53 0.00	38.97 0.61 0.00	32.79 0.36 0.00
WDELAWARE___HYD 323627	40.82 1.83 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.61 1.54 0.00	35.06 1.61 0.00	40.43 1.92 0.00	52.74 2.51 0.00	49.12 2.34 0.00	37.91 1.77 0.00	30.73 1.41 0.00	29.50 1.46 0.00	29.44 1.56 0.00	27.63 1.45 0.22	27.86 1.49 0.26	27.63 1.57 0.56	28.30 1.63 0.49	32.72 1.90 0.27	36.88 2.53 0.70	49.43 3.41 0.00	58.85 3.90 0.00	66.57 4.53 0.00	51.08 3.21 0.00	40.81 2.46 0.00	34.31 1.88 0.00
WEST BABYLON___IC 23714	41.88 2.89 -0.01	36.68 2.50 0.00	34.10 1.93 0.00	34.06 1.99 0.00	35.70 2.24 0.00	41.08 2.58 0.00	53.40 3.16 0.00	49.26 2.48 0.00	37.77 1.63 0.00	30.61 1.29 0.01	29.70 1.65 0.00	29.53 1.64 0.00	29.40 1.82 -1.18	29.92 1.92 -1.38	31.63 2.02 -2.99	32.00 2.01 -2.83	35.77 3.08 -1.60	43.40 3.75 -4.59	52.52 4.69 -1.80	65.86 5.17 -5.75	69.17 6.02 -1.11	52.68 4.40 -0.41	47.51 3.61 -5.55	35.26 2.82 -0.01
WEST CANADA___HYD 24049	39.03 0.04 0.00	34.26 0.07 0.00	32.23 0.06 0.00	32.14 0.06 0.00	33.52 0.07 0.00	38.58 0.08 0.00	50.28 0.05 0.00	46.87 0.09 0.00	36.18 0.04 0.00	29.33 0.00 0.00	28.07 0.03 0.00	27.91 0.03 0.00	26.43 0.03 0.00	26.65 0.03 0.00	26.64 0.03 0.00	27.19 0.03 0.00	31.16 0.06 0.00	35.16 0.11 0.00	46.17 0.14 0.00	55.11 0.17 0.00	62.17 0.12 0.00	47.96 0.10 0.00	38.43 0.08 0.00	32.49 0.06 0.00
WESTERN_NY_WIND 24143	38.09 -0.90 0.00	32.51 -1.68 0.00	30.65 -1.51 0.00	30.69 -1.38 0.00	31.88 -1.57 0.00	36.00 -2.50 0.00	46.76 -2.96 0.51	44.39 -2.39 0.00	35.57 -1.41 -0.84	28.53 -0.79 0.00	27.26 -0.79 0.00	26.91 -0.98 0.00	25.16 -1.24 0.00	25.27 -1.36 0.00	24.99 -1.62 0.00	25.50 -1.66 0.00	28.59 -2.49 0.02	31.99 -3.05 0.02	39.40 -3.64 2.99	46.63 -3.90 4.42	56.41 -4.59 1.05	42.76 -3.88 1.23	35.50 -2.84 0.02	30.22 -2.21 0.00
WESTOVER___LESR 323668	39.49 0.51 0.00	34.53 0.34 0.00	32.46 0.29 0.00	32.36 0.29 0.00	33.72 0.27 0.00	38.73 0.23 0.00	50.65 0.60 0.19	47.10 0.33 0.00	37.48 0.25 -1.08	29.59 0.26 0.00	28.27 0.22 0.00	28.08 0.20 0.00	26.53 0.13 0.00	26.73 0.11 0.00	26.67 0.05 0.00	27.21 0.05 0.00	31.18 0.06 -0.02	35.25 0.18 -0.02	45.40 0.41 1.04	54.87 0.60 0.68	63.64 0.74 -0.85	48.38 0.38 -0.13	38.57 0.19 -0.02	32.56 0.13 0.00
WETHRSFD_WT_PWR 323626	37.97 -1.01 0.00	32.55 -1.64 0.00	30.91 -1.26 0.00	30.76 -1.32 0.00	31.78 -1.67 0.00	35.92 -2.58 0.00	45.36 -2.86 2.01	43.25 -3.51 0.02	34.85 -2.21 -0.91	27.95 -1.38 0.00	26.64 -1.40 0.00	26.29 -1.59 0.00	25.11 -1.29 0.00	25.11 -1.52 0.00	25.02 -1.60 0.00	25.09 -2.07 0.00	28.34 -2.74 0.02	31.91 -3.12 0.02	31.64 -3.50 10.88	35.23 -3.63 16.09	54.08 -4.16 3.81	39.86 -3.54 4.46	35.22 -3.11 0.02	30.03 -2.40 0.00
WHAVSTOR_138KV_BK127 55557	40.43 1.44 0.00	35.66 1.47 0.00	33.49 1.32 0.00	33.32 1.25 0.00	34.73 1.27 0.00	39.97 1.46 0.00	52.29 2.06 0.00	48.65 1.87 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.56 1.51 0.00	29.47 1.59 0.00	29.90 1.61 -1.89	30.49 1.65 -2.21	33.14 1.73 -4.80	33.41 1.71 -4.54	35.64 1.99 -2.55	44.00 2.45 -6.50	49.11 3.08 0.00	58.25 3.30 0.00	66.02 3.97 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.43 1.44 0.00	35.66 1.47 0.00	33.49 1.32 0.00	33.32 1.25 0.00	34.73 1.27 0.00	39.97 1.46 0.00	52.29 2.06 0.00	48.65 1.87 0.00	37.66 1.52 0.00	30.73 1.41 0.00	29.56 1.51 0.00	29.47 1.59 0.00	29.90 1.61 -1.89	30.49 1.65 -2.21	33.14 1.73 -4.80	33.41 1.71 -4.54	35.64 1.99 -2.55	44.00 2.45 -6.50	49.11 3.08 0.00	58.25 3.30 0.00	66.02 3.97 0.00	50.64 2.78 0.00	40.58 2.22 0.00	34.08 1.65 0.00
WHITEHAL_115KV_TB1 80871	41.02 2.03 0.00	36.03 1.85 0.00	33.97 1.80 0.00	33.81 1.73 0.00	35.46 2.01 0.00	40.89 2.39 0.00	53.60 3.37 0.00	49.40 2.62 0.00	37.48 1.34 0.00	30.06 0.73 0.00	28.49 0.45 0.00	28.30 0.42 0.00	26.77 0.37 0.00	26.97 0.35 0.00	27.02 0.40 0.00	27.73 0.57 0.00	31.91 0.81 0.00	36.42 1.37 0.00	48.10 2.07 0.00	58.30 3.35 0.00	65.89 3.85 0.00	50.79 2.92 0.00	40.42 2.07 0.00	34.18 1.75 0.00
WHITEPLN_13_KV_LOAD 356215	40.78 1.79 0.00	36.00 1.81 0.00	33.77 1.61 0.00	33.61 1.54 0.00	35.03 1.57 0.00	40.35 1.85 0.00	52.90 2.66 0.00	49.16 2.39 0.00	38.06 1.92 0.00	31.06 1.73 0.00	29.89 1.85 0.00	29.80 1.92 0.00	29.56 1.93 -1.23	30.03 1.97 -1.44	31.73 2.00 -3.12	32.12 2.01 -2.95	35.06 2.30 -1.66	42.14 2.87 -4.22	49.76 3.73 0.00	58.96 4.01 0.00	66.82 4.78 0.00	51.22 3.35 0.00	41.00 2.65 0.00	34.41 1.98 0.00
WM_FLOYD_69_KV_BK2 356380	41.88 2.89 -0.01	36.65 2.46 0.00	34.06 1.90 0.00	34.03 1.96 0.00	35.66 2.21 0.00	41.04 2.54 0.00	53.20 2.96 0.00	49.02 2.25 0.00	37.55 1.41 0.00	30.34 1.03 0.01	29.47 1.43 0.00	29.33 1.45 0.00	29.24 1.66 -1.18	29.79 1.78 -1.38	31.47 1.86 -2.99	31.83 1.85 -2.83	35.68 2.99 -1.60	43.35 3.75 -4.55	52.33 4.65 -1.65	67.28 5.11 -7.22	71.31 5.89 -3.37	52.60 4.36 -0.38	47.06 3.61 -5.10	35.29 2.85 -0.01
WOODARD___115KV_TB2 355635	38.79 -0.19 0.00	33.92 -0.27 0.00	31.91 -0.26 0.00	31.85 -0.22 0.00	33.19 -0.27 0.00	38.27 -0.23 0.00	49.93 -0.30 0.00	46.59 -0.19 0.00	38.46 -0.11 -2.42	29.27 -0.06 0.00	27.96 -0.08 0.00	27.77 -0.11 0.00	26.24 -0.16 0.00	26.44 -0.19 0.00	26.38 -0.24 0.00	26.94 -0.22 0.00	30.82 -0.28 0.00	34.59 -0.46 0.00	45.48 -0.55 0.00	56.30 -0.55 -1.90	64.24 -0.50 -2.70	48.52 -0.57 -1.23	37.93 -0.42 0.00	32.07 -0.36 0.00
YORK___WARBASSE 23770	40.83 1.83 -0.01	36.11 1.91 -0.01	33.88 1.70 -0.01	33.65 1.57 -0.01	35.06 1.61 0.00	40.12 1.62 0.00	52.29 2.06 0.00	48.70 1.92 0.00	37.77 1.63 0.00	31.03 1.70 0.00	29.84 1.79 0.00	29.78 1.90 0.00	29.51 1.93 -1.18	29.95 1.94 -1.38	31.71 2.10 -3.00	32.09 2.09 -2.83	35.09 2.39 -1.59	42.08 2.98 -4.05	49.71 3.68 0.00	58.52 3.57 0.00	66.26 4.22 0.00	51.12 3.26 0.00	40.96 2.61 0.00	34.44 2.01 0.00