

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								05/01/2026		
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	43.56	38.70	35.65	35.39	36.50	43.84	60.22	54.74	44.87	33.96	30.43	30.60	30.13	30.35	30.73	31.31	33.22	38.98	44.67	59.56	71.73	56.06	45.53	42.69			
		2.11	1.81	1.57	1.52	1.54	1.89	2.98	3.10	2.94	2.04	1.80	1.89	1.87	1.91	1.96	1.97	2.06	2.55	2.69	3.48	4.50	3.12	2.46	2.23			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	43.51	38.70	35.65	35.35	36.46	43.80	60.16	54.64	44.79	33.93	30.40	30.54	30.10	30.32	30.67	31.25	33.15	38.94	44.63	59.44	71.66	56.01	45.48	42.65			
		2.07	1.81	1.57	1.49	1.50	1.85	2.92	3.00	2.85	2.01	1.77	1.84	1.84	1.88	1.90	1.91	1.99	2.51	2.65	3.36	4.44	3.07	2.41	2.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	43.51	38.70	35.65	35.35	36.46	43.80	60.16	54.64	44.79	33.93	30.40	30.54	30.10	30.32	30.67	31.25	33.15	38.94	44.63	59.44	71.66	56.01	45.48	42.65			
		2.07	1.81	1.57	1.49	1.50	1.85	2.92	3.00	2.85	2.01	1.77	1.84	1.84	1.88	1.90	1.91	1.99	2.51	2.65	3.36	4.44	3.07	2.41	2.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	43.89	39.03	36.06	35.86	37.05	44.51	61.02	54.69	43.95	33.13	29.63	29.68	29.17	29.13	29.47	30.22	32.00	37.70	43.83	57.65	69.11	55.00	44.62	42.04			
		2.45	2.14	1.98	2.00	2.10	2.56	3.78	3.05	2.01	1.21	1.00	0.98	0.90	0.68	0.69	0.88	0.84	1.27	1.85	1.57	1.88	2.06	1.55	1.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.05	39.18	36.23	36.00	37.20	44.72	61.37	54.90	44.08	33.16	29.66	29.68	29.17	29.10	29.47	30.22	32.03	37.70	43.92	57.71	69.24	55.16	44.71	42.12			
		2.61	2.29	2.15	2.13	2.24	2.77	4.12	3.26	2.14	1.24	1.03	0.98	0.90	0.65	0.69	0.88	0.87	1.27	1.93	1.63	2.01	2.22	1.64	1.66			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	43.89	39.03	36.06	35.86	37.05	44.51	61.02	54.69	43.95	33.13	29.63	29.68	29.17	29.13	29.47	30.22	32.00	37.70	43.83	57.65	69.11	55.00	44.62	42.04			
		2.45	2.14	1.98	2.00	2.10	2.56	3.78	3.05	2.01	1.21	1.00	0.98	0.90	0.68	0.69	0.88	0.84	1.27	1.85	1.57	1.88	2.06	1.55	1.58			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.51	38.70	35.75	35.52	36.67	44.01	60.05	54.32	44.12	33.45	29.97	30.08	29.59	29.69	30.10	30.72	32.59	38.21	44.12	58.88	70.05	55.58	45.22	42.40			
		2.07	1.81	1.67	1.66	1.71	2.06	2.80	2.68	2.18	1.53	1.35	1.38	1.33	1.25	1.32	1.38	1.43	1.78	2.14	2.80	2.82	2.65	2.15	1.94			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.94	37.30	34.56	34.34	35.41	42.54	57.99	52.11	42.53	32.24	28.94	29.05	28.52	28.70	29.03	29.69	31.50	36.94	42.57	56.58	67.69	53.52	43.63	40.91			
		0.50	0.41	0.48	0.47	0.45	0.59	0.74	0.46	0.59	0.32	0.31	0.34	0.25	0.26	0.26	0.35	0.34	0.51	0.59	0.50	0.47	0.58	0.56	0.45			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.73	37.26	34.42	34.20	35.20	42.37	57.59	51.85	42.11	31.98	28.63	28.65	28.26	28.50	28.83	29.49	31.41	36.50	42.07	56.14	67.49	53.10	43.29	40.71			
		0.29	0.37	0.34	0.34	0.24	0.42	0.34	0.21	0.17	0.06	0.00	-0.06	0.00	0.06	0.06	0.15	0.25	0.07	0.08	0.06	0.27	0.16	0.22	0.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.81	38.11	35.27	35.05	36.18	43.38	59.19	52.98	42.86	32.43	29.03	29.08	28.57	28.76	29.12	29.78	31.63	37.19	43.12	57.71	69.17	54.63	44.45	41.76			
		1.37	1.22	1.19	1.18	1.22	1.43	1.95	1.34	0.92	0.51	0.40	0.37	0.31	0.31	0.35	0.44	0.47	0.77	1.13	1.63	1.95	1.69	1.38	1.29			
		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_2_SOLAR	323834	42.81	38.11	35.27	35.05	36.18	43.38	59.13	52.98	42.86	32.43	29.03	29.08	28.57	28.76	29.12	29.78	31.63	37.19	43.12	57.65	69.17	54.63	44.45	41.76			
		1.37	1.22	1.19	1.18	1.22	1.43	1.89	1.34	0.92	0.51	0.40	0.37	0.31	0.31	0.35	0.44	0.47	0.77	1.13	1.57	1.95	1.69	1.38	1.29			
		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	23571	41.94	37.30	34.56	34.34	35.41	42.54	57.99	52.11	42.53	32.24	28.94	29.05	28.52	28.70	29.03	29.69	31.50	36.94	42.57	56.58	67.69	53.52	43.63	40.91			
		0.50	0.41	0.48	0.47	0.45	0.59	0.74	0.46	0.59	0.32	0.31	0.34	0.25	0.26	0.26	0.35	0.34	0.51	0.59	0.50	0.47	0.58	0.56	0.45			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.94 0.50 0.00	37.30 0.41 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.41 0.45 0.00	42.54 0.59 0.00	57.99 0.74 0.00	52.11 0.46 0.00	42.53 0.59 0.00	32.24 0.32 0.00	28.94 0.31 0.00	29.05 0.34 0.00	28.52 0.25 0.00	28.70 0.26 0.00	29.03 0.26 0.00	29.69 0.35 0.00	31.50 0.34 0.00	36.94 0.51 0.00	42.57 0.59 0.00	56.58 0.50 0.00	67.69 0.47 0.00	53.52 0.58 0.00	43.63 0.56 0.00	40.91 0.45 0.00
ALBANY___3 23573	41.94 0.50 0.00	37.30 0.41 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.41 0.45 0.00	42.54 0.59 0.00	57.99 0.74 0.00	52.11 0.46 0.00	42.53 0.59 0.00	32.24 0.32 0.00	28.94 0.31 0.00	29.05 0.34 0.00	28.52 0.25 0.00	28.70 0.26 0.00	29.03 0.26 0.00	29.69 0.35 0.00	31.50 0.34 0.00	36.94 0.51 0.00	42.57 0.59 0.00	56.58 0.50 0.00	67.69 0.47 0.00	53.52 0.58 0.00	43.63 0.56 0.00	40.91 0.45 0.00
ALBANY___4 23574	41.94 0.50 0.00	37.30 0.41 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.41 0.45 0.00	42.54 0.59 0.00	57.99 0.74 0.00	52.11 0.46 0.00	42.53 0.59 0.00	32.24 0.32 0.00	28.94 0.31 0.00	29.05 0.34 0.00	28.52 0.25 0.00	28.70 0.26 0.00	29.03 0.26 0.00	29.69 0.35 0.00	31.50 0.34 0.00	36.94 0.51 0.00	42.57 0.59 0.00	56.58 0.50 0.00	67.69 0.47 0.00	53.52 0.58 0.00	43.63 0.56 0.00	40.91 0.45 0.00
ALBANY___LFGE 323615	42.31 0.87 0.00	37.63 0.74 0.00	34.86 0.78 0.00	34.64 0.78 0.00	35.72 0.77 0.00	42.92 0.97 0.00	58.56 1.32 0.00	52.62 0.98 0.00	42.86 0.92 0.00	32.50 0.58 0.00	29.14 0.52 0.00	29.25 0.54 0.00	28.71 0.45 0.00	28.87 0.43 0.00	29.23 0.46 0.00	29.90 0.56 0.00	31.72 0.56 0.00	37.19 0.77 0.00	42.91 0.92 0.00	57.09 1.01 0.00	68.37 1.14 0.00	54.05 1.11 0.00	43.98 0.91 0.00	41.31 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	41.48 0.04 0.00	37.04 0.15 0.00	34.22 0.14 0.00	34.00 0.14 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.36 0.11 0.00	51.59 -0.05 0.00	41.86 -0.08 0.00	31.73 -0.19 0.00	28.37 -0.26 0.00	28.42 -0.29 0.00	28.01 -0.25 0.00	28.25 -0.20 0.00	28.58 -0.20 0.00	29.19 -0.15 0.00	31.13 -0.03 0.00	36.46 0.04 0.00	42.03 0.04 0.00	56.08 0.00 0.00	67.49 0.27 0.00	53.10 0.16 0.00	43.33 0.26 0.00	40.75 0.29 0.00
ALCOA_RYNLDS___DRP 24188	41.48 0.04 0.00	37.04 0.15 0.00	34.22 0.14 0.00	34.00 0.14 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.36 0.11 0.00	51.59 -0.05 0.00	41.86 -0.08 0.00	31.73 -0.19 0.00	28.37 -0.26 0.00	28.42 -0.29 0.00	28.01 -0.25 0.00	28.24 -0.20 0.00	28.57 -0.20 0.00	29.22 -0.12 0.00	31.13 -0.03 0.00	36.46 0.04 0.00	42.03 0.04 0.00	56.08 0.00 0.00	67.49 0.27 0.00	53.10 0.16 0.00	43.33 0.26 0.00	40.75 0.28 0.00
ALCOA___DSASP 323711	41.48 0.04 0.00	37.04 0.15 0.00	34.22 0.14 0.00	34.00 0.14 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.36 0.11 0.00	51.59 -0.05 0.00	41.86 -0.08 0.00	31.73 -0.19 0.00	28.37 -0.26 0.00	28.42 -0.29 0.00	28.01 -0.25 0.00	28.24 -0.20 0.00	28.57 -0.20 0.00	29.22 -0.12 0.00	31.13 -0.03 0.00	36.46 0.04 0.00	42.03 0.04 0.00	56.08 0.00 0.00	67.49 0.27 0.00	53.10 0.16 0.00	43.33 0.26 0.00	40.75 0.28 0.00
ALLEGHENY___COGEN 23514	42.06 0.62 0.00	36.93 0.04 0.00	34.29 0.21 0.00	34.24 0.37 0.00	35.41 0.45 0.00	42.28 0.33 0.00	57.24 0.00 0.00	52.16 0.52 0.00	41.52 -0.42 0.00	31.54 -0.38 0.00	28.23 -0.40 0.00	28.25 -0.46 0.00	27.75 -0.51 0.00	27.87 -0.57 0.00	28.00 -0.78 0.00	28.52 -0.82 0.00	30.00 -1.15 0.01	35.49 -0.91 0.02	41.40 -0.13 0.46	55.27 0.45 1.26	67.43 0.20 0.00	52.78 -0.16 0.00	42.43 -0.21 0.43	40.22 -0.24 0.00
ALTAMONT_115KV_TB 2 55880	42.35 0.91 0.00	37.74 0.85 0.00	34.86 0.78 0.00	34.64 0.78 0.00	35.76 0.80 0.00	42.87 0.92 0.00	58.56 1.32 0.00	52.78 1.14 0.00	42.90 0.96 0.00	32.56 0.64 0.00	29.17 0.54 0.00	29.28 0.57 0.00	28.80 0.54 0.00	28.96 0.51 0.00	29.32 0.55 0.00	29.96 0.62 0.00	31.78 0.62 0.00	37.23 0.80 0.00	42.95 0.97 0.00	57.26 1.18 0.00	68.57 1.34 0.00	54.10 1.16 0.00	44.02 0.95 0.00	41.31 0.85 0.00
ALTONA_WT_PWR 323606	41.69 0.25 0.00	37.18 0.29 0.00	34.32 0.24 0.00	34.10 0.24 0.00	35.17 0.21 0.00	42.33 0.38 0.00	57.76 0.51 0.00	51.90 0.26 0.00	42.02 0.08 0.00	31.79 -0.13 0.00	28.40 -0.23 0.00	28.39 -0.32 0.00	28.01 -0.25 0.00	28.27 -0.17 0.00	28.63 -0.14 0.00	29.28 -0.06 0.00	31.25 0.09 0.00	36.65 0.22 0.00	42.32 0.33 0.00	56.47 0.40 0.00	67.96 0.74 0.00	53.47 0.53 0.00	43.59 0.52 0.00	40.95 0.49 0.00
AMERICAN_REF_FUEL 24010	38.75 -2.69 0.00	33.90 -2.99 0.00	31.69 -2.39 0.00	31.66 -2.20 0.00	32.65 -2.31 0.00	38.30 -3.65 0.00	50.95 -6.30 0.00	47.25 -4.39 0.00	38.29 -3.65 0.00	29.78 -2.14 0.00	26.88 -1.75 0.00	26.84 -1.87 0.00	26.42 -1.84 0.00	26.54 -1.91 0.00	26.53 -2.24 0.00	26.85 -2.49 0.00	27.72 -3.43 0.01	32.36 -4.04 0.02	37.40 -4.07 0.51	49.18 -5.49 1.40	59.76 -7.46 0.00	46.90 -6.04 0.00	37.86 -4.74 0.47	36.38 -4.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.57 -0.87 0.00	35.53 -1.36 0.00	33.30 -0.78 0.00	33.29 -0.58 0.00	34.29 -0.67 0.00	40.44 -1.51 0.00	54.26 -2.98 0.00	50.04 -1.60 0.00	40.56 -1.38 0.00	31.38 -0.54 0.00	28.28 -0.34 0.00	28.22 -0.49 0.00	27.75 -0.51 0.00	27.79 -0.65 0.00	27.80 -0.98 0.00	28.14 -1.20 0.00	29.19 -1.96 0.01	34.11 -2.29 0.02	39.53 -1.97 0.48	52.13 -2.63 1.31	63.39 -3.83 0.00	49.55 -3.39 0.00	40.04 -2.58 0.45	38.20 -2.27 0.00
ARTHUR KILL_GT_1 23520	43.56 2.11 0.00	38.66 1.77 0.00	35.58 1.50 0.00	35.28 1.42 0.00	36.43 1.47 0.00	43.67 1.72 0.00	59.99 2.75 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.31 1.69 0.00	30.49 1.78 0.00	30.04 1.78 0.00	30.26 1.82 0.00	30.65 1.87 0.00	31.19 1.85 0.00	33.15 1.99 0.00	38.98 2.55 0.00	44.67 2.69 0.00	59.56 3.48 0.00	71.73 4.50 0.00	55.95 3.02 0.00	45.44 2.37 0.00	42.65 2.18 0.00
ARTHUR_KILL_2 23512	43.47 2.03 0.00	38.59 1.70 0.00	35.51 1.43 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.59 1.63 0.00	59.88 2.63 0.00	54.38 2.74 0.00	44.54 2.60 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.43 1.72 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.59 1.81 0.00	31.07 1.73 0.00	33.06 1.90 0.00	38.83 2.40 0.00	44.55 2.56 0.00	59.39 3.31 0.00	71.53 4.31 0.00	55.85 2.91 0.00	45.31 2.24 0.00	42.53 2.06 0.00
ARTHUR_KILL_3 23513	43.18 1.74 0.00	38.40 1.51 0.00	35.37 1.29 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.70 2.46 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.68 1.75 0.00	30.17 1.54 0.00	30.31 1.61 0.00	29.87 1.61 0.00	30.09 1.65 0.00	30.47 1.70 0.00	30.98 1.64 0.00	32.90 1.74 0.00	38.61 2.19 0.00	44.25 2.27 0.00	59.05 2.97 0.00	71.12 3.90 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.33 1.86 0.00

ARTHUR_KILL_COGEN 323718	43.55 2.11 0.00	38.66 1.77 0.00	35.58 1.50 0.00	35.28 1.42 0.00	36.42 1.47 0.00	43.67 1.72 0.00	59.99 2.75 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.77 1.85 0.00	30.31 1.69 0.00	30.49 1.78 0.00	30.04 1.78 0.00	30.27 1.82 0.00	30.64 1.87 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.67 2.69 0.00	59.56 3.48 0.00	71.73 4.50 0.00	55.95 3.02 0.00	45.44 2.37 0.00	42.65 2.18 0.00
ASHOKAN____ 23654	43.89 2.44 0.00	39.07 2.18 0.00	36.09 2.01 0.00	35.86 2.00 0.00	36.98 2.03 0.00	44.30 2.35 0.00	60.68 3.43 0.00	54.32 2.68 0.00	43.70 1.76 0.00	32.88 0.96 0.00	29.31 0.69 0.00	29.42 0.72 0.00	28.97 0.71 0.00	29.24 0.80 0.00	29.61 0.84 0.00	30.31 0.97 0.00	32.22 1.06 0.00	38.03 1.60 0.00	44.00 2.02 0.00	59.39 3.31 0.00	70.99 3.76 0.00	55.90 2.96 0.00	45.66 2.58 0.00	42.89 2.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.18 1.74 0.00	38.29 1.40 0.00	35.27 1.19 0.00	34.95 1.08 0.00	36.08 1.12 0.00	43.21 1.26 0.00	59.24 2.00 0.01	53.90 2.27 0.01	44.28 2.35 0.01	33.57 1.66 0.01	29.99 1.37 0.01	30.16 1.46 0.01	29.69 1.44 0.01	29.91 1.48 0.01	30.29 1.52 0.01	30.80 1.47 0.01	32.74 1.59 0.01	38.42 2.00 0.01	43.99 2.02 0.01	58.71 2.64 0.01	70.84 3.63 0.01	55.26 2.33 0.01	44.84 1.77 0.00	42.20 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.18 1.74 0.00	38.29 1.40 0.00	35.27 1.19 0.00	34.95 1.08 0.00	36.08 1.12 0.00	43.21 1.26 0.00	59.24 2.00 0.01	53.90 2.27 0.01	44.28 2.35 0.01	33.57 1.66 0.01	29.99 1.37 0.01	30.16 1.46 0.01	29.69 1.44 0.01	29.91 1.48 0.01	30.29 1.52 0.01	30.80 1.47 0.01	32.74 1.59 0.01	38.42 2.00 0.01	43.99 2.02 0.01	58.71 2.64 0.01	70.84 3.63 0.01	55.26 2.33 0.01	44.84 1.77 0.00	42.20 1.74 0.00
ASTORIA_GT2_1 24094	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT2_2 24095	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT2_3 24096	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT2_4 24097	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT3_1 24098	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT3_2 24099	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT3_3 24100	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT3_4 24101	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT4_1 24102	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT4_2 24103	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT4_3 24104	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00

ASTORIA_GT4_4 24105	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.30 2.06 0.00	53.91 2.27 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.87 1.53 0.00	32.78 1.62 0.00	38.47 2.04 0.00	44.00 2.02 0.00	58.71 2.64 0.00	70.92 3.70 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA_GT_1 23523	43.27 1.82 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.29 1.34 0.00	59.36 2.12 0.00	54.02 2.38 0.00	44.37 2.43 0.00	33.64 1.72 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.90 1.56 0.00	32.84 1.68 0.00	38.54 2.11 0.00	44.08 2.10 0.00	58.83 2.75 0.00	71.06 3.83 0.00	55.37 2.44 0.00	44.92 1.85 0.00	42.28 1.82 0.00
ASTORIA_GT_10 24110	43.27 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.07 1.73 0.00	33.00 1.84 0.00	38.72 2.29 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
ASTORIA_GT_11 24225	43.27 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.07 1.73 0.00	33.00 1.84 0.00	38.72 2.29 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
ASTORIA_GT_12 24226	43.27 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.07 1.73 0.00	33.00 1.84 0.00	38.72 2.29 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
ASTORIA_GT_13 24227	43.27 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.07 1.73 0.00	33.00 1.84 0.00	38.72 2.29 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
ASTORIA_GT_5 24106	43.27 1.82 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.29 1.34 0.00	59.36 2.12 0.00	54.02 2.38 0.00	44.37 2.43 0.00	33.64 1.72 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.90 1.56 0.00	32.84 1.68 0.00	38.54 2.11 0.00	44.08 2.10 0.00	58.83 2.75 0.00	71.06 3.83 0.00	55.37 2.44 0.00	44.92 1.85 0.00	42.28 1.82 0.00
ASTORIA_GT_7 24107	43.27 1.82 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.29 1.34 0.00	59.36 2.12 0.00	54.02 2.38 0.00	44.37 2.43 0.00	33.64 1.72 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.90 1.56 0.00	32.84 1.68 0.00	38.54 2.11 0.00	44.08 2.10 0.00	58.83 2.75 0.00	71.06 3.83 0.00	55.37 2.44 0.00	44.92 1.85 0.00	42.28 1.82 0.00
ASTORIA_GT_8 24108	43.27 1.82 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.29 1.34 0.00	59.36 2.12 0.00	54.02 2.38 0.00	44.37 2.43 0.00	33.64 1.72 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.90 1.56 0.00	32.84 1.68 0.00	38.54 2.11 0.00	44.08 2.10 0.00	58.83 2.75 0.00	71.06 3.83 0.00	55.37 2.44 0.00	44.92 1.85 0.00	42.28 1.82 0.00
ASTORIA___2 24149	43.22 1.78 0.00	38.33 1.44 0.00	35.27 1.19 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.21 1.26 0.00	59.29 2.06 0.01	53.90 2.27 0.01	44.28 2.35 0.01	33.57 1.66 0.01	30.02 1.40 0.01	30.16 1.46 0.01	29.72 1.47 0.01	29.94 1.51 0.01	30.32 1.55 0.01	30.80 1.47 0.01	32.77 1.62 0.01	38.42 2.00 0.01	43.99 2.02 0.01	58.71 2.64 0.01	70.91 3.69 0.01	55.31 2.38 0.01	44.88 1.81 0.00	42.20 1.74 0.00
ASTORIA___3 23516	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
ASTORIA___4 23517	43.27 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.07 1.73 0.00	33.00 1.84 0.00	38.72 2.29 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
ASTORIA___5 23518	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
AST_ENERGY_2_CC3 323677	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.64 1.72 0.00	0.01 1.52 30.13	0.01 1.61 30.30	0.01 1.58 29.83	0.01 1.62 30.05	0.01 1.67 30.43	0.01 1.64 30.97	0.01 1.74 32.89	0.01 2.19 38.60	0.01 2.27 44.24	58.98 2.91 0.02	71.19 3.97 0.00	55.64 2.70 0.00	45.18 2.11 0.00	42.40 1.94 0.00
AST_ENERGY_2_CC4 323678	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.64 1.72 0.00	0.01 1.52 30.13	0.01 1.61 30.30	0.01 1.58 29.83	0.01 1.62 30.05	0.01 1.67 30.43	0.01 1.64 30.97	0.01 1.74 32.89	0.01 2.19 38.60	0.01 2.27 44.24	58.98 2.91 0.02	71.19 3.97 0.00	55.64 2.70 0.00	45.18 2.11 0.00	42.40 1.94 0.00

ATHENS_STG_1 23668	42.60 1.16 0.00	37.92 1.03 0.00	35.03 0.95 0.00	34.78 0.91 0.00	35.90 0.94 0.00	43.04 1.09 0.00	58.84 1.60 0.00	53.14 1.50 0.00	43.37 1.43 0.00	32.88 0.96 0.00	29.48 0.86 0.00	29.60 0.89 0.00	29.14 0.88 0.00	29.33 0.88 0.00	29.70 0.92 0.00	30.25 0.91 0.00	32.13 0.97 0.00	37.66 1.24 0.00	43.33 1.34 0.00	57.82 1.74 0.00	69.31 2.09 0.00	54.52 1.59 0.00	44.36 1.29 0.00	41.64 1.17 0.00
ATHENS_STG_2 23670	42.60 1.16 0.00	37.92 1.03 0.00	35.03 0.95 0.00	34.78 0.91 0.00	35.90 0.94 0.00	43.04 1.09 0.00	58.84 1.60 0.00	53.14 1.50 0.00	43.37 1.43 0.00	32.88 0.96 0.00	29.48 0.86 0.00	29.60 0.89 0.00	29.14 0.88 0.00	29.33 0.88 0.00	29.70 0.92 0.00	30.25 0.91 0.00	32.13 0.97 0.00	37.66 1.24 0.00	43.33 1.34 0.00	57.82 1.74 0.00	69.31 2.09 0.00	54.52 1.59 0.00	44.36 1.29 0.00	41.64 1.17 0.00
ATHENS_STG_3 23677	42.60 1.16 0.00	37.92 1.03 0.00	35.03 0.95 0.00	34.78 0.91 0.00	35.90 0.94 0.00	43.04 1.09 0.00	58.84 1.60 0.00	53.14 1.50 0.00	43.37 1.43 0.00	32.88 0.96 0.00	29.48 0.86 0.00	29.60 0.89 0.00	29.14 0.88 0.00	29.33 0.88 0.00	29.70 0.92 0.00	30.25 0.91 0.00	32.13 0.97 0.00	37.66 1.24 0.00	43.33 1.34 0.00	57.82 1.74 0.00	69.31 2.09 0.00	54.52 1.59 0.00	44.36 1.29 0.00	41.64 1.17 0.00
AUBURN___LFGE 323710	42.59 -0.12 -1.28	37.32 -0.26 -0.69	34.10 -0.24 -0.26	33.90 -0.20 -0.24	35.20 -0.14 -0.38	43.17 -0.17 -1.39	59.61 -0.23 -2.60	53.45 -0.05 -1.86	42.24 -0.21 -0.51	31.79 -0.13 0.00	28.54 -0.09 0.00	28.62 -0.09 0.00	28.20 -0.06 0.00	28.39 -0.06 0.00	28.66 -0.12 0.00	29.14 -0.21 0.00	30.97 -0.19 0.00	36.13 -0.29 0.01	41.76 -0.13 0.10	56.67 0.00 -0.59	68.76 -0.13 -1.67	54.40 -0.21 -1.68	43.56 -0.26 -0.75	41.24 -0.28 -1.06
BABYLON_RES_REC 323704	43.89 2.44 0.00	39.33 2.36 -0.08	36.70 2.11 -0.51	37.20 2.03 -1.31	39.74 2.10 -2.68	44.76 2.56 -0.25	59.96 2.29 -0.42	54.42 2.58 -0.20	45.12 3.19 0.00	35.27 2.40 -0.95	37.21 2.06 -6.52	35.39 2.15 -4.53	36.23 2.06 -5.91	35.28 2.13 -4.70	35.84 2.19 -4.88	42.37 2.14 -10.88	48.06 2.31 -14.59	55.42 2.73 -16.26	59.07 2.98 -14.11	66.65 3.87 -6.71	72.67 4.44 -1.01	56.98 3.34 -0.71	46.99 2.89 -1.03	44.33 2.75 -1.11
BALL_HILL_WT_PWR 323825	40.03 -1.41 0.00	35.05 -1.84 0.00	32.78 -1.30 0.00	32.75 -1.12 0.00	33.77 -1.19 0.00	39.73 -2.22 0.00	53.24 -4.01 0.00	49.16 -2.48 0.00	39.80 -2.14 0.00	30.84 -1.09 0.00	27.79 -0.83 0.00	27.76 -0.95 0.00	27.30 -0.96 0.00	27.39 -1.05 0.00	27.39 -1.38 0.00	27.73 -1.61 0.00	28.72 -2.43 0.01	33.60 -2.80 0.02	38.93 -2.56 0.49	51.26 -3.48 1.34	62.38 -4.84 0.00	48.81 -4.13 0.00	39.48 -3.14 0.45	37.71 -2.75 0.00
BARON_WINDS___WT_PWR 323822	40.47 -1.20 -0.24	35.43 -1.59 -0.13	33.00 -1.12 -0.05	32.96 -0.95 -0.04	34.05 -0.98 -0.07	40.53 -1.68 -0.26	54.74 -2.98 -0.48	49.97 -2.01 -0.34	40.06 -1.97 -0.09	30.68 -1.25 0.00	27.57 -1.06 0.00	27.59 -1.12 0.00	27.19 -1.07 0.00	27.28 -1.17 0.00	27.37 -1.41 0.00	27.76 -1.58 0.00	28.96 -2.18 0.01	33.99 -2.41 0.03	39.54 -2.06 0.39	52.72 -2.47 0.89	64.25 -3.29 -0.32	50.25 -3.02 -0.32	40.53 -2.33 0.21	38.65 -2.02 -0.21
BARRETT_IC_1 23704	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_10 23701	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_11 23702	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_12 23703	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_2 23705	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_3 23706	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_4 23707	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_5 23708	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08

BARRETT_IC_6 23709	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_7 23710	43.85 2.40 0.00	39.29 2.32 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.53 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.98 -6.52	35.12 2.01 -4.40	35.95 1.98 -5.71	35.22 2.08 -4.70	35.75 2.10 -4.87	41.91 2.05 -10.51	47.31 2.06 -14.09	54.42 2.55 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.30 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_8 23711	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT_IC_9 23700	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT___1 23545	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BARRETT___2 23546	43.84 2.40 0.00	39.29 2.33 -0.07	36.67 2.08 -0.51	37.17 2.00 -1.31	39.70 2.06 -2.68	44.59 2.39 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	35.12 2.01 -4.40	35.94 1.98 -5.71	35.19 2.05 -4.70	35.75 2.10 -4.87	41.85 2.00 -10.51	47.31 2.06 -14.09	54.31 2.44 -15.45	57.83 2.65 -13.20	65.26 3.42 -5.76	71.53 4.31 0.00	56.33 3.07 -0.33	46.65 2.58 -1.00	44.01 2.47 -1.08
BATAVIA___115KV_TB1 55881	40.36 -1.08 0.00	35.38 -1.51 0.00	32.92 -1.16 0.00	32.91 -0.95 0.00	34.01 -0.94 0.00	40.15 -1.80 0.00	53.92 -3.32 0.00	49.73 -1.91 0.00	40.09 -1.85 0.00	30.90 -1.02 0.00	27.80 -0.83 0.00	27.79 -0.92 0.00	27.36 -0.90 0.00	27.45 -1.00 0.00	27.48 -1.29 0.00	27.49 -1.85 0.00	29.00 -2.15 0.01	33.90 -2.51 0.02	39.26 -2.18 0.54	51.74 -2.86 1.47	63.12 -4.10 0.00	49.55 -3.39 0.00	39.74 -2.84 0.49	38.08 -2.39 0.00
BAYONEEC___CTG1 323682	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG10 323750	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG2 323683	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG3 323684	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG4 323685	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG5 323686	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG6 323687	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG7 323688	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00

BAYONEEC___CTG8 323689	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYONEEC___CTG9 323749	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.59 1.63 0.00	59.82 2.58 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
BAYPORT_69_KV_BK 2 356364	44.14 2.69 0.00	39.54 2.58 -0.07	37.01 2.42 -0.51	37.54 2.37 -1.31	40.09 2.45 -2.68	45.18 2.98 -0.25	61.71 2.52 -1.95	55.40 2.84 -0.92	45.34 3.40 0.00	35.55 2.68 -0.95	37.43 2.29 -6.52	35.38 2.41 -4.26	36.01 2.26 -5.49	35.53 2.39 -4.69	36.09 2.45 -4.87	41.86 2.41 -10.11	47.40 2.68 -13.56	55.86 3.35 -16.09	60.19 3.44 -14.76	69.38 4.32 -8.99	76.72 4.84 -4.65	58.62 3.65 -2.03	47.13 3.10 -0.96	44.49 2.99 -1.03
BEACON___LESR 323632	42.52 1.08 0.00	37.85 0.96 0.00	35.03 0.95 0.00	34.81 0.95 0.00	35.93 0.98 0.00	43.17 1.22 0.00	58.96 1.72 0.00	52.93 1.29 0.00	43.03 1.09 0.00	32.59 0.67 0.00	29.23 0.60 0.00	29.31 0.60 0.00	28.80 0.54 0.00	28.96 0.51 0.00	29.29 0.52 0.00	29.99 0.64 0.00	31.82 0.66 0.00	37.34 0.91 0.00	43.12 1.13 0.00	57.42 1.34 0.00	68.77 1.55 0.00	54.37 1.43 0.00	44.19 1.12 0.00	41.51 1.05 0.00
BEAVER RIVER___HYD 24048	42.46 0.04 -0.98	37.64 0.22 -0.53	34.38 0.10 -0.20	34.11 0.07 -0.18	35.46 0.21 -0.29	43.68 0.67 -1.06	59.80 0.57 -1.99	52.75 -0.31 -1.42	41.65 -0.67 -0.39	30.96 -0.96 0.00	27.71 -0.92 0.00	27.73 -0.98 0.00	27.19 -1.07 0.00	27.30 -1.14 0.00	27.80 -0.98 0.00	28.29 -1.06 0.00	30.01 -1.15 0.00	35.41 -1.02 0.00	41.19 -0.80 0.00	56.43 -0.17 -0.52	68.23 0.00 -1.01	54.21 0.27 -1.01	43.88 0.30 -0.51	41.22 0.12 -0.64
BEEBEE_GT_13 23619	40.78 -0.66 0.00	35.93 -0.96 0.00	33.30 -0.78 0.00	33.19 -0.68 0.00	34.33 -0.63 0.00	40.94 -1.01 0.00	55.41 -1.83 0.00	50.66 -0.98 0.00	40.93 -1.01 0.00	31.38 -0.54 0.00	28.23 -0.40 0.00	28.28 -0.43 0.00	27.87 -0.40 0.00	28.02 -0.43 0.00	28.17 -0.60 0.00	28.43 -0.91 0.00	30.10 -1.06 0.00	35.07 -1.35 0.01	40.28 -1.13 0.57	53.00 -1.51 1.56	64.94 -2.29 0.00	51.08 -1.85 0.00	40.88 -1.68 0.52	39.05 -1.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.64 2.20 0.00	38.74 1.84 0.00	35.65 1.57 0.00	35.35 1.49 0.00	36.50 1.54 0.00	43.75 1.80 0.00	60.11 2.86 0.00	54.64 3.00 0.00	44.79 2.85 0.00	33.93 2.01 0.00	30.46 1.83 0.00	30.63 1.92 0.00	30.18 1.92 0.00	30.41 1.96 0.00	30.79 2.01 0.00	31.31 1.97 0.00	33.25 2.09 0.00	39.08 2.66 0.00	44.76 2.77 0.00	59.67 3.59 0.00	71.86 4.64 0.00	56.11 3.18 0.00	45.53 2.46 0.00	42.73 2.27 0.00
BETHLEHEM___GRP 23843	41.94 0.50 0.00	37.30 0.41 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.41 0.45 0.00	42.54 0.59 0.00	57.99 0.74 0.00	52.11 0.46 0.00	42.53 0.59 0.00	32.24 0.32 0.00	28.94 0.31 0.00	29.05 0.34 0.00	28.52 0.25 0.00	28.70 0.26 0.00	29.03 0.26 0.00	29.69 0.35 0.00	31.50 0.34 0.00	36.94 0.51 0.00	42.57 0.59 0.00	56.58 0.50 0.00	67.69 0.47 0.00	53.52 0.58 0.00	43.63 0.56 0.00	40.91 0.45 0.00
BETHLEHEM___GS1 323560	41.94 0.50 0.00	37.30 0.41 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.41 0.45 0.00	42.54 0.59 0.00	57.99 0.74 0.00	52.10 0.46 0.00	42.53 0.59 0.00	32.24 0.32 0.00	28.94 0.32 0.00	29.05 0.35 0.00	28.52 0.25 0.00	28.70 0.26 0.00	29.03 0.26 0.00	29.66 0.32 0.00	31.50 0.34 0.00	36.90 0.47 0.00	42.57 0.59 0.00	56.58 0.50 0.00	67.70 0.47 0.00	53.52 0.58 0.00	43.59 0.52 0.00	40.91 0.45 0.00
BETHLEHEM___GS2 323561	41.94 0.50 0.00	37.30 0.41 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.41 0.45 0.00	42.54 0.59 0.00	57.99 0.74 0.00	52.10 0.46 0.00	42.53 0.59 0.00	32.24 0.32 0.00	28.94 0.32 0.00	29.05 0.35 0.00	28.52 0.25 0.00	28.70 0.26 0.00	29.03 0.26 0.00	29.66 0.32 0.00	31.50 0.34 0.00	36.90 0.47 0.00	42.57 0.59 0.00	56.58 0.50 0.00	67.70 0.47 0.00	53.52 0.58 0.00	43.59 0.52 0.00	40.91 0.45 0.00
BETHLEHEM___GS3 323562	41.94 0.50 0.00	37.30 0.41 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.41 0.45 0.00	42.54 0.59 0.00	57.99 0.74 0.00	52.10 0.46 0.00	42.53 0.59 0.00	32.24 0.32 0.00	28.94 0.32 0.00	29.05 0.35 0.00	28.52 0.25 0.00	28.70 0.26 0.00	29.03 0.26 0.00	29.66 0.32 0.00	31.50 0.34 0.00	36.90 0.47 0.00	42.57 0.59 0.00	56.58 0.50 0.00	67.70 0.47 0.00	53.52 0.58 0.00	43.59 0.52 0.00	40.91 0.45 0.00
BETHLEHEM___STEEL 23779	39.78 -1.66 0.00	34.79 -2.10 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.52 -1.43 0.00	39.43 -2.52 0.00	52.72 -4.52 0.00	48.70 -2.94 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.57 -1.06 0.00	27.53 -1.18 0.00	27.10 -1.16 0.00	27.13 -1.31 0.00	27.16 -1.61 0.00	27.02 -2.32 0.00	28.44 -2.71 0.01	33.27 -3.13 0.02	38.50 -2.98 0.50	50.61 -4.09 1.38	61.64 -5.58 0.00	48.28 -4.66 0.00	39.03 -3.57 0.47	37.39 -3.08 0.00
BETHLHEM_115KV_TB1 79974	42.02 0.58 0.00	37.37 0.48 0.00	34.63 0.55 0.00	34.40 0.54 0.00	35.48 0.52 0.00	42.58 0.63 0.00	58.10 0.86 0.00	52.26 0.62 0.00	42.61 0.67 0.00	32.30 0.38 0.00	29.00 0.37 0.00	29.11 0.40 0.00	28.60 0.34 0.00	28.76 0.31 0.00	29.09 0.32 0.00	29.75 0.41 0.00	31.56 0.41 0.00	37.01 0.58 0.00	42.66 0.67 0.00	56.70 0.62 0.00	67.90 0.67 0.00	53.63 0.69 0.00	43.72 0.65 0.00	40.99 0.53 0.00
BETHPAGE_CC_5 323564	43.80 2.36 0.00	39.22 2.25 -0.08	36.60 2.01 -0.51	37.13 1.96 -1.31	39.67 2.03 -2.68	44.59 2.39 -0.25	59.58 2.12 -0.21	54.17 2.43 -0.10	45.00 3.06 0.00	35.20 2.33 -0.95	37.18 2.03 -6.53	35.54 2.09 -4.74	36.52 2.04 -6.22	35.25 2.10 -4.70	35.82 2.16 -4.88	42.89 2.08 -11.46	48.71 2.18 -15.37	55.91 2.51 -16.98	59.32 2.73 -14.61	66.27 3.54 -6.66	71.83 4.10 -0.51	56.55 3.07 -0.54	46.92 2.76 -1.09	44.26 2.63 -1.17
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.87 -1.57 0.00	34.86 -2.03 0.00	32.61 -1.47 0.00	32.58 -1.29 0.00	33.59 -1.36 0.00	39.52 -2.43 0.00	52.84 -4.41 0.00	48.80 -2.84 0.00	39.51 -2.43 0.00	30.64 -1.28 0.00	27.62 -1.00 0.00	27.59 -1.12 0.00	27.16 -1.10 0.00	27.19 -1.25 0.00	27.19 -1.58 0.00	26.99 -2.35 0.00	28.44 -2.71 0.01	33.31 -3.10 0.02	38.50 -2.98 0.50	50.61 -4.09 1.37	61.71 -5.51 0.00	48.28 -4.66 0.00	39.12 -3.49 0.46	37.39 -3.08 0.00

BINGHAMTON___COGEN 23790	42.32 0.25 -0.63	37.38 0.15 -0.34	34.38 0.17 -0.13	34.15 0.17 -0.12	35.36 0.21 -0.19	42.80 0.17 -0.69	58.76 0.23 -1.28	52.87 0.31 -0.92	42.40 0.21 -0.25	32.11 0.19 0.00	28.80 0.17 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.61 0.17 0.00	28.92 0.14 0.00	29.40 0.06 0.00	31.23 0.06 -0.01	36.55 0.11 -0.02	42.06 0.21 0.13	56.53 0.39 -0.06	68.45 0.40 -0.82	53.98 0.21 -0.83	43.56 0.17 -0.32	41.11 0.12 -0.52
BIXINCNT_115KV_LOAD 355685	39.91 -1.53 0.00	34.94 -1.96 0.00	32.72 -1.36 0.00	32.68 -1.19 0.00	33.70 -1.26 0.00	39.73 -2.22 0.00	53.35 -3.89 0.00	49.11 -2.53 0.00	39.59 -2.35 0.00	30.58 -1.34 0.00	27.54 -1.09 0.00	27.44 -1.26 0.00	26.93 -1.33 0.00	26.94 -1.51 0.00	26.93 -1.84 0.00	26.82 -2.52 0.00	28.25 -2.90 0.01	33.20 -3.21 0.02	38.27 -3.23 0.48	50.44 -4.32 1.33	61.78 -5.45 0.00	48.33 -4.61 0.00	39.30 -3.32 0.45	37.35 -3.12 0.00
BLACK RIVER___HYD 24047	43.62 0.58 -1.60	38.49 0.74 -0.87	34.92 0.51 -0.33	34.63 0.47 -0.30	36.17 0.74 -0.48	45.08 1.38 -1.74	62.11 1.60 -3.26	54.23 0.26 -2.33	42.20 -0.38 -0.64	31.03 -0.89 0.00	27.68 -0.94 0.00	27.70 -1.01 0.00	27.16 -1.10 0.00	27.28 -1.17 0.00	27.85 -0.92 0.00	28.29 -1.06 0.00	30.04 -1.12 0.00	35.59 -0.84 0.00	41.44 -0.55 0.00	57.42 0.50 -0.84	69.72 0.87 -1.62	55.57 1.00 -1.62	44.62 0.73 -0.82	42.02 0.52 -1.03
BLACKRVR_115KV_TB2 79977	43.62 0.58 -1.60	38.49 0.74 -0.87	34.92 0.51 -0.33	34.63 0.47 -0.30	36.17 0.73 -0.48	45.08 1.38 -1.74	62.11 1.60 -3.26	54.23 0.26 -2.33	42.20 -0.38 -0.64	31.03 -0.89 0.00	27.68 -0.94 0.00	27.70 -1.00 0.00	27.16 -1.10 0.00	27.28 -1.17 0.00	27.85 -0.92 0.00	28.28 -1.06 0.00	30.04 -1.12 0.00	35.59 -0.84 0.00	41.79 -0.55 -0.35	58.92 0.50 -2.34	70.78 0.87 -2.68	56.63 1.01 -2.69	45.47 0.73 -1.66	42.69 0.53 -1.70
BLDWN_LL_69_KV_BK4 356085	44.05 2.61 0.00	39.42 2.43 -0.09	36.77 2.18 -0.51	37.27 2.10 -1.31	39.81 2.17 -2.68	44.80 2.60 -0.25	59.82 2.58 0.00	54.48 2.84 0.00	45.21 3.27 0.00	35.33 2.46 -0.95	37.28 2.12 -6.54	36.08 2.18 -5.20	37.30 2.12 -6.92	35.35 2.19 -4.71	35.91 2.24 -4.89	44.33 2.23 -12.76	50.57 2.31 -17.10	58.05 2.88 -18.74	61.02 3.02 -16.01	66.99 3.93 -6.99	72.00 4.77 0.00	56.83 3.49 -0.40	47.25 2.97 -1.21	44.52 2.75 -1.30
BLISS_WT_PWR 323608	39.87 -1.57 0.00	34.93 -1.96 0.00	32.68 -1.40 0.00	32.68 -1.19 0.00	33.70 -1.26 0.00	39.73 -2.22 0.00	53.35 -3.89 0.00	49.11 -2.53 0.00	39.55 -2.39 0.00	30.55 -1.37 0.00	27.51 -1.12 0.00	27.39 -1.32 0.00	26.85 -1.41 0.00	26.88 -1.56 0.00	26.85 -1.93 0.00	27.14 -2.20 0.00	28.16 -2.99 0.01	32.98 -3.43 0.02	38.15 -3.36 0.47	50.35 -4.43 1.30	61.71 -5.51 0.00	48.28 -4.66 0.00	39.18 -3.45 0.44	37.27 -3.20 0.00
BLUESTONE___WT_PWR 323821	43.23 1.24 -0.54	38.37 1.18 -0.29	35.28 1.09 -0.11	35.12 1.15 -0.10	36.48 1.36 -0.16	44.43 1.89 -0.59	61.10 2.75 -1.11	54.65 2.22 -0.79	43.79 1.63 -0.22	32.91 0.99 0.00	29.34 0.72 0.00	29.37 0.66 0.00	28.88 0.62 0.00	29.01 0.57 0.00	29.50 0.72 0.00	30.02 0.68 0.00	31.85 0.68 0.00	37.64 1.20 -0.01	43.47 1.60 0.11	59.13 2.97 -0.08	71.45 3.49 -0.73	56.48 2.80 -0.74	45.51 2.15 -0.29	42.87 1.94 -0.47
BLUE_CIRC_CHEM_DRP 24182	42.56 1.12 0.00	37.89 1.00 0.00	35.07 0.99 0.00	34.84 0.98 0.00	35.94 0.98 0.00	43.13 1.17 0.00	58.79 1.55 0.00	52.78 1.14 0.00	42.86 0.92 0.00	32.46 0.54 0.00	29.08 0.46 0.00	29.17 0.46 0.00	28.66 0.40 0.00	28.84 0.40 0.00	29.18 0.40 0.00	29.84 0.50 0.00	31.66 0.50 0.00	37.19 0.76 0.00	42.99 1.01 0.00	57.37 1.29 0.00	68.77 1.55 0.00	54.31 1.38 0.00	44.23 1.16 0.00	41.51 1.05 0.00
BOC_GAS_DRP 24189	42.19 0.75 0.00	37.59 0.70 0.00	34.76 0.68 0.00	34.51 0.64 0.00	35.62 0.66 0.00	42.71 0.76 0.00	58.27 1.03 0.00	52.57 0.93 0.00	42.82 0.88 0.00	32.53 0.61 0.00	29.14 0.52 0.00	29.25 0.55 0.00	28.77 0.51 0.00	28.96 0.51 0.00	29.29 0.52 0.00	29.93 0.59 0.00	31.75 0.59 0.00	37.19 0.76 0.00	42.82 0.84 0.00	57.09 1.01 0.00	68.37 1.14 0.00	53.94 1.01 0.00	43.93 0.86 0.00	41.23 0.77 0.00
BOONVILLE_115KV_TB1 79983	42.69 0.70 -0.55	37.92 0.74 -0.30	34.81 0.61 -0.11	34.57 0.61 -0.10	35.86 0.73 -0.16	43.72 1.17 -0.60	59.85 1.49 -1.12	53.26 0.83 -0.80	42.58 0.42 -0.22	31.92 0.00 0.00	28.54 -0.09 0.00	28.56 -0.14 0.00	28.04 -0.23 0.00	28.16 -0.28 0.00	28.63 -0.14 0.00	29.14 -0.21 0.00	30.94 -0.22 0.00	36.43 0.00 0.00	42.24 0.25 0.00	57.59 1.07 -0.45	69.44 1.34 -0.87	55.08 1.27 -0.87	44.50 0.99 -0.44	41.82 0.81 -0.55
BORALEX_4TH_BRANCH 23824	43.51 2.07 0.00	38.70 1.81 0.00	35.75 1.67 0.00	35.52 1.66 0.00	36.67 1.71 0.00	44.01 2.06 0.00	60.05 2.80 0.00	54.33 2.69 0.00	44.12 2.18 0.00	33.45 1.53 0.00	29.97 1.35 0.00	30.08 1.38 0.00	29.59 1.33 0.00	29.69 1.25 0.00	30.10 1.32 0.00	30.72 1.38 0.00	32.59 1.43 0.00	38.25 1.82 0.00	44.13 2.14 0.00	58.83 2.75 0.00	70.05 2.82 0.00	55.58 2.65 0.00	45.22 2.15 0.00	42.41 1.94 0.00
BOWLINE___1 23526	43.06 1.61 0.00	38.29 1.40 0.00	35.31 1.23 0.00	35.05 1.18 0.00	36.15 1.19 0.00	43.38 1.43 0.00	59.47 2.23 0.00	53.91 2.27 0.00	44.12 2.18 0.00	33.45 1.53 0.00	29.94 1.32 0.00	30.08 1.38 0.00	29.62 1.36 0.00	29.86 1.42 0.00	30.21 1.44 0.00	30.78 1.44 0.00	32.69 1.53 0.00	38.32 1.89 0.00	44.00 2.02 0.00	58.77 2.69 0.00	70.72 3.49 0.00	55.32 2.38 0.00	44.96 1.89 0.00	42.16 1.70 0.00
BOWLINE___2 23595	43.06 1.61 0.00	38.29 1.40 0.00	35.31 1.23 0.00	35.05 1.18 0.00	36.15 1.19 0.00	43.38 1.43 0.00	59.47 2.23 0.00	53.91 2.27 0.00	44.12 2.18 0.00	33.45 1.53 0.00	29.94 1.32 0.00	30.08 1.38 0.00	29.62 1.36 0.00	29.86 1.42 0.00	30.21 1.44 0.00	30.78 1.44 0.00	32.69 1.53 0.00	38.32 1.89 0.00	44.00 2.02 0.00	58.77 2.69 0.00	70.72 3.49 0.00	55.32 2.38 0.00	44.96 1.89 0.00	42.16 1.70 0.00
BRADY___115KV_TB2 356060	41.52 0.08 0.00	37.11 0.22 0.00	34.25 0.17 0.00	34.03 0.17 0.00	35.06 0.10 0.00	42.24 0.29 0.00	57.59 0.34 0.00	51.54 -0.10 0.00	41.69 -0.25 0.00	31.51 -0.41 0.00	28.11 -0.52 0.00	28.13 -0.57 0.00	27.75 -0.51 0.00	27.99 -0.46 0.00	28.32 -0.46 0.00	28.96 -0.38 0.00	30.88 -0.28 0.00	36.24 -0.18 0.00	41.90 -0.08 0.00	56.19 0.11 0.00	67.63 0.40 0.00	53.26 0.32 0.00	43.46 0.39 0.00	40.83 0.36 0.00
BRANSCOMB___SOLAR 323811	43.43 1.99 0.00	38.66 1.77 0.00	35.72 1.64 0.00	35.49 1.63 0.00	36.67 1.71 0.00	44.01 2.06 0.00	60.22 2.97 0.00	54.07 2.43 0.00	43.57 1.63 0.00	32.91 0.99 0.00	29.46 0.83 0.00	29.51 0.80 0.00	29.05 0.79 0.00	29.10 0.65 0.00	29.41 0.63 0.00	30.10 0.76 0.00	31.94 0.78 0.00	37.56 1.13 0.00	43.54 1.55 0.00	57.82 1.74 0.00	69.37 2.15 0.00	55.00 2.06 0.00	44.67 1.59 0.00	42.00 1.54 0.00



BRDGHMPT_69_KV_BK1 55812	43.10 1.66 0.00	38.70 1.73 -0.07	36.36 1.77 -0.51	36.93 1.76 -1.31	39.53 1.89 -2.68	44.67 2.48 -0.25	61.03 1.60 -2.18	54.78 2.12 -1.02	44.75 2.81 0.00	35.14 2.27 -0.95	37.00 1.86 -6.52	34.79 1.87 -4.22	35.27 1.58 -5.43	34.87 1.74 -4.69	35.43 1.78 -4.87	41.01 1.67 -10.00	46.62 2.06 -13.40	55.15 2.66 -16.06	59.36 2.52 -14.86	68.43 3.03 -9.33	75.58 3.16 -5.20	57.55 2.38 -2.23	46.13 2.11 -0.95	43.63 2.14 -1.02
BRENTWOD_69_KV_W. BRTWOOD 56703	44.05 2.61 0.00	39.47 2.51 -0.07	36.87 2.28 -0.51	37.37 2.20 -1.31	39.91 2.27 -2.68	44.97 2.77 -0.25	61.38 2.40 -1.73	55.19 2.74 -0.81	45.29 3.36 0.00	35.42 2.55 -0.95	37.35 2.20 -6.52	35.28 2.30 -4.27	35.97 2.20 -5.51	35.44 2.30 -4.69	35.98 2.33 -4.87	41.80 2.32 -10.15	47.25 2.49 -13.60	55.52 3.10 -16.00	59.74 3.19 -14.57	68.78 4.09 -8.61	75.98 4.64 -4.12	58.27 3.49 -1.84	47.09 3.06 -0.96	44.41 2.91 -1.04
BRISTLHL_115KV_TB1 79998	43.30 -1.08 -2.93	37.44 -1.03 -1.59	33.73 -0.95 -0.61	33.46 -0.95 -0.54	34.89 -0.94 -0.88	44.05 -1.09 -3.19	61.74 -1.49 -5.98	54.62 -1.29 -4.27	41.97 -1.13 -1.17	31.15 -0.77 0.00	28.02 -0.60 0.00	28.13 -0.57 0.00	27.70 -0.57 0.00	27.87 -0.57 0.00	28.17 -0.60 0.00	28.70 -0.65 0.00	30.44 -0.72 0.00	35.44 -0.98 0.00	41.25 -1.13 -0.40	57.75 -1.40 -3.07	69.37 -1.68 -3.83	55.40 -1.38 -3.84	44.16 -1.21 -2.29	41.76 -1.13 -2.43
BROOKHAVEN___DRP 24191	43.56 2.11 0.00	39.06 2.10 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.74 2.10 -2.68	44.80 2.60 -0.25	61.15 1.72 -2.19	54.84 2.17 -1.03	44.79 2.85 0.00	35.20 2.33 -0.95	37.09 1.95 -6.52	35.02 2.10 -4.22	35.61 1.92 -5.42	35.24 2.10 -4.69	35.80 2.16 -4.87	41.36 2.02 -9.99	46.89 2.34 -13.40	55.40 2.91 -16.06	59.62 2.77 -14.86	68.73 3.31 -9.34	76.00 3.56 -5.22	57.82 2.65 -2.24	46.43 2.41 -0.95	43.91 2.43 -1.02
BROOKLYN_NAVY_YARD 23515	43.22 1.78 0.00	38.40 1.51 0.00	35.37 1.29 0.00	35.08 1.22 0.00	36.21 1.26 0.00	43.46 1.51 0.00	59.70 2.46 0.00	54.22 2.58 0.00	44.41 2.47 0.00	33.61 1.69 0.00	30.11 1.49 0.00	30.26 1.55 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.92 1.58 0.00	32.87 1.71 0.00	38.61 2.19 0.00	44.25 2.27 0.00	58.94 2.86 0.00	71.12 3.90 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.36 1.90 0.00
BROOKLYN___ARMY_DRP 323595	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
BROOME_2_LFGE 323671	42.32 0.25 -0.63	37.38 0.15 -0.34	34.38 0.17 -0.13	34.15 0.17 -0.12	35.36 0.21 -0.19	42.80 0.17 -0.69	58.76 0.23 -1.28	52.87 0.31 -0.92	42.40 0.21 -0.25	32.11 0.19 0.00	28.80 0.17 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.61 0.17 0.00	28.92 0.14 0.00	29.46 0.12 0.00	31.23 0.06 -0.01	36.56 0.11 -0.02	42.07 0.21 0.13	56.61 0.45 -0.09	68.48 0.41 -0.85	54.00 0.21 -0.85	43.54 0.13 -0.34	41.12 0.12 -0.54
BROOME___LFGE 323600	42.32 0.25 -0.63	37.38 0.15 -0.34	34.38 0.17 -0.13	34.15 0.17 -0.12	35.36 0.21 -0.19	42.80 0.17 -0.69	58.76 0.23 -1.28	52.87 0.31 -0.92	42.40 0.21 -0.25	32.11 0.19 0.00	28.80 0.17 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.61 0.17 0.00	28.92 0.14 0.00	29.46 0.12 0.00	31.23 0.06 -0.01	36.56 0.11 -0.02	42.07 0.21 0.13	56.61 0.45 -0.09	68.48 0.41 -0.85	54.00 0.21 -0.85	43.54 0.13 -0.34	41.12 0.12 -0.54
BROWNFLS_115KV_TB_3_5 80003	41.43 -0.66 -0.66	36.80 -0.44 -0.35	33.74 -0.48 -0.14	33.51 -0.47 -0.12	34.70 -0.45 -0.20	42.46 -0.21 -0.71	58.12 -0.46 -1.34	51.51 -1.08 -0.95	41.03 -1.17 -0.26	30.68 -1.24 0.00	27.42 -1.20 0.00	27.44 -1.26 0.00	26.96 -1.30 0.00	27.13 -1.31 0.00	27.57 -1.21 0.00	28.14 -1.20 0.00	29.88 -1.28 0.00	35.15 -1.27 0.00	40.88 -1.22 -0.12	55.90 -1.07 -0.89	67.31 -1.01 -1.09	53.34 -0.69 -1.09	43.30 -0.43 -0.66	40.71 -0.45 -0.69
BROWNSV1_27_KV_LOAD 356125	43.56 2.11 0.00	38.70 1.81 0.00	35.65 1.57 0.00	35.35 1.49 0.00	36.50 1.54 0.00	43.84 1.89 0.00	60.22 2.98 0.00	54.69 3.05 0.00	44.83 2.89 0.00	33.93 2.01 0.00	30.40 1.77 0.00	30.57 1.87 0.00	30.10 1.84 0.00	30.32 1.88 0.00	30.70 1.93 0.00	31.28 1.94 0.00	33.19 2.03 0.00	38.98 2.55 0.00	44.67 2.69 0.00	59.56 3.48 0.00	71.79 4.57 0.00	56.06 3.12 0.00	45.53 2.46 0.00	42.69 2.23 0.00
BURROWS___LYONSDAL 23803	42.65 0.58 -0.63	37.86 0.63 -0.34	34.72 0.51 -0.13	34.45 0.47 -0.12	35.78 0.63 -0.19	43.69 1.05 -0.69	59.85 1.32 -1.29	53.13 0.57 -0.92	42.36 0.17 -0.25	31.70 -0.22 0.00	28.34 -0.29 0.00	28.36 -0.34 0.00	27.81 -0.45 0.00	27.96 -0.48 0.00	28.43 -0.35 0.00	28.93 -0.41 0.00	30.69 -0.47 0.00	36.17 -0.25 0.00	41.98 0.00 0.00	57.39 0.79 -0.52	69.32 1.08 -1.02	55.02 1.06 -1.02	44.40 0.82 -0.51	41.76 0.65 -0.65
CAITHNESS_CC_1 323624	43.55 2.11 0.00	39.10 2.14 -0.07	36.64 2.04 -0.51	37.17 2.00 -1.31	39.77 2.13 -2.68	44.71 2.52 -0.25	61.15 1.72 -2.19	54.84 2.17 -1.03	44.79 2.85 0.00	35.17 2.30 -0.95	37.09 1.95 -6.52	34.99 2.07 -4.22	35.61 1.92 -5.42	35.21 2.08 -4.69	35.77 2.13 -4.87	41.33 2.00 -9.99	46.83 2.27 -13.39	55.22 2.73 -16.06	59.62 2.77 -14.87	68.79 3.36 -9.35	76.08 3.63 -5.23	57.88 2.70 -2.24	46.47 2.45 -0.95	43.91 2.43 -1.02
CALPINE BETH_PAGE_GT4 24209	43.85 2.40 0.00	39.26 2.29 -0.09	36.64 2.04 -0.51	37.13 1.96 -1.31	39.67 2.03 -2.68	44.63 2.43 -0.25	59.53 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.20 2.33 -0.95	37.19 2.03 -6.53	35.80 2.12 -4.97	36.91 2.06 -6.58	35.28 2.13 -4.71	35.85 2.19 -4.89	43.64 2.17 -12.13	49.57 2.15 -16.26	56.91 2.66 -17.82	59.94 2.73 -15.22	66.26 3.53 -6.65	71.39 4.17 0.00	56.38 3.07 -0.38	47.07 2.84 -1.15	44.37 2.67 -1.24
CALPINE_BETH_PAGE_GT_4 323586	43.84 2.40 0.00	39.27 2.29 -0.09	36.64 2.04 -0.51	37.13 1.96 -1.31	39.67 2.03 -2.68	44.63 2.43 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.20 2.33 -0.95	37.19 2.03 -6.53	35.80 2.12 -4.97	36.91 2.06 -6.58	35.28 2.13 -4.71	35.85 2.19 -4.89	43.59 2.11 -12.13	49.57 2.15 -16.26	56.76 2.51 -17.82	59.94 2.73 -15.22	66.26 3.54 -6.65	71.39 4.17 0.00	56.38 3.07 -0.38	47.02 2.80 -1.15	44.37 2.67 -1.24
CALPINE_BP_GT1 23823	43.84 2.40 0.00	39.27 2.29 -0.09	36.64 2.04 -0.51	37.13 1.96 -1.31	39.67 2.03 -2.68	44.63 2.43 -0.25	59.54 2.29 0.00	54.22 2.58 0.00	45.04 3.10 0.00	35.20 2.33 -0.95	37.19 2.03 -6.53	35.80 2.12 -4.97	36.91 2.06 -6.58	35.28 2.13 -4.71	35.85 2.19 -4.89	43.59 2.11 -12.13	49.57 2.15 -16.26	56.76 2.51 -17.82	59.94 2.73 -15.22	66.26 3.54 -6.65	71.39 4.17 0.00	56.38 3.07 -0.38	47.02 2.80 -1.15	44.37 2.67 -1.24

CALSPAN___DRP 24200	39.78 -1.66 0.00	34.79 -2.10 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.52 -1.43 0.00	39.43 -2.52 0.00	52.72 -4.52 0.00	48.70 -2.94 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.57 -1.06 0.00	27.53 -1.18 0.00	27.10 -1.16 0.00	27.13 -1.31 0.00	27.16 -1.61 0.00	27.02 -2.32 0.00	28.44 -2.71 0.01	33.27 -3.13 0.02	38.50 -2.98 0.50	50.61 -4.09 1.38	61.64 -5.58 0.00	48.28 -4.66 0.00	39.03 -3.57 0.47	37.39 -3.08 0.00
CALVERTON___SOLAR 323806	43.51 2.07 0.00	39.06 2.10 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.84 2.20 -2.68	44.84 2.64 -0.25	61.20 1.78 -2.18	54.84 2.17 -1.03	44.79 2.85 0.00	35.20 2.33 -0.95	37.09 1.95 -6.52	34.99 2.07 -4.22	35.58 1.89 -5.42	35.21 2.08 -4.69	35.77 2.13 -4.87	41.30 1.97 -10.00	46.90 2.34 -13.40	55.29 2.80 -16.06	59.66 2.81 -14.86	68.72 3.31 -9.33	75.93 3.49 -5.21	57.77 2.59 -2.24	46.43 2.41 -0.95	43.91 2.43 -1.02
CANDIGU_WT_PWR 323617	40.47 -1.20 -0.24	35.43 -1.59 -0.13	33.00 -1.12 -0.05	32.96 -0.95 -0.04	34.05 -0.98 -0.07	40.53 -1.68 -0.26	54.74 -2.98 -0.48	49.97 -2.01 -0.34	40.06 -1.97 -0.09	30.68 -1.25 0.00	27.57 -1.06 0.00	27.59 -1.12 0.00	27.19 -1.07 0.00	27.28 -1.17 0.00	27.37 -1.41 0.00	27.76 -1.58 0.00	28.96 -2.18 0.01	33.99 -2.41 0.03	39.54 -2.06 0.39	52.72 -2.47 0.89	64.25 -3.29 -0.32	50.25 -3.02 -0.32	40.53 -2.33 0.21	38.65 -2.02 -0.21
CARR STREET_E__SYR 24060	41.68 -0.54 -0.78	36.76 -0.55 -0.42	33.73 -0.51 -0.16	33.50 -0.51 -0.14	34.70 -0.49 -0.23	42.21 -0.59 -0.85	58.03 -0.80 -1.59	52.16 -0.62 -1.14	41.66 -0.59 -0.31	31.60 -0.32 0.00	28.40 -0.23 0.00	28.51 -0.20 0.00	28.07 -0.20 0.00	28.25 -0.20 0.00	28.54 -0.23 0.00	29.08 -0.26 0.00	30.85 -0.31 0.00	35.92 -0.51 0.00	41.17 -0.59 0.22	55.43 -0.62 0.03	67.48 -0.88 -1.13	53.33 -0.74 -1.14	42.80 -0.64 -0.37	40.53 -0.65 -0.72
CARTHAGE___PAPER 23857	43.05 0.25 -1.36	38.07 0.44 -0.74	34.63 0.27 -0.28	34.35 0.24 -0.25	35.79 0.42 -0.41	44.40 0.97 -1.48	61.05 1.03 -2.77	53.57 -0.05 -1.98	41.93 -0.55 -0.54	30.96 -0.96 0.00	27.68 -0.94 0.00	27.67 -1.03 0.00	27.13 -1.13 0.00	27.25 -1.19 0.00	27.77 -1.01 0.00	28.26 -1.09 0.00	30.01 -1.15 0.00	35.48 -0.95 0.00	41.31 -0.67 0.00	56.96 0.17 -0.71	69.01 0.41 -1.38	54.91 0.58 -1.39	44.24 0.47 -0.70	41.63 0.29 -0.88
CASSADAGA_WT_PWR 323784	40.70 -0.74 0.00	35.67 -1.22 0.00	33.40 -0.68 0.00	33.42 -0.44 0.00	34.43 -0.52 0.00	40.61 -1.34 0.00	54.61 -2.63 0.00	50.35 -1.29 0.00	40.76 -1.17 0.00	31.50 -0.42 0.00	28.40 -0.23 0.00	28.31 -0.40 0.00	27.81 -0.45 0.00	27.87 -0.57 0.00	27.83 -0.95 0.00	28.20 -1.14 0.00	29.28 -1.87 0.01	34.25 -2.15 0.02	39.70 -1.80 0.48	52.42 -2.35 1.31	63.66 -3.56 0.00	49.76 -3.17 0.00	40.26 -2.37 0.44	38.36 -2.11 0.00
CE_DUNWOOD___DRP 24194	43.18 1.74 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.65 2.40 0.00	54.12 2.48 0.00	44.33 2.39 0.00	33.58 1.66 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.76 1.50 0.00	29.98 1.54 0.00	30.36 1.58 0.00	30.95 1.61 0.00	32.81 1.65 0.00	38.54 2.11 0.00	44.17 2.18 0.00	58.94 2.86 0.00	70.99 3.76 0.00	55.53 2.59 0.00	45.14 2.07 0.00	42.32 1.86 0.00
CE_MILLWOOD___DRP 24193	43.14 1.70 0.00	38.37 1.48 0.00	35.38 1.30 0.00	35.08 1.22 0.00	36.22 1.26 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.07 2.43 0.00	44.25 2.31 0.00	33.52 1.60 0.00	30.00 1.37 0.00	30.17 1.46 0.00	29.70 1.44 0.00	29.92 1.48 0.00	30.30 1.53 0.00	30.90 1.56 0.00	32.75 1.59 0.00	38.47 2.04 0.00	44.08 2.10 0.00	58.83 2.75 0.00	70.85 3.63 0.00	55.48 2.54 0.00	45.05 1.98 0.00	42.28 1.82 0.00
CE_NYC2_DRP 24202	43.31 1.86 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.71 2.46 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.74 1.82 0.00	30.26 1.63 0.00	30.43 1.72 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.10 1.76 0.00	33.00 1.84 0.00	38.72 2.29 0.00	44.34 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.64 2.70 0.00	45.18 2.11 0.00	42.41 1.94 0.00
CE_NYC_DRP 24195	43.35 1.91 0.00	38.55 1.66 0.00	35.48 1.40 0.00	35.22 1.35 0.00	36.32 1.36 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	31.46 1.63 -1.20	31.64 1.72 -1.21	31.14 1.70 -1.19	31.37 1.74 -1.20	31.77 1.78 -1.21	32.36 1.79 -1.23	34.34 1.87 -1.31	40.33 2.37 -1.54	46.18 2.44 -1.76	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
CHAFFEE___LFGE 323603	39.82 -1.62 0.00	34.86 -2.03 0.00	32.58 -1.50 0.00	32.58 -1.29 0.00	33.59 -1.36 0.00	39.52 -2.43 0.00	52.89 -4.35 0.00	48.85 -2.79 0.00	39.51 -2.43 0.00	30.61 -1.31 0.00	27.62 -1.00 0.00	27.56 -1.15 0.00	27.13 -1.13 0.00	27.22 -1.22 0.00	27.19 -1.58 0.00	27.52 -1.82 0.00	28.53 -2.62 0.01	33.34 -3.06 0.02	38.61 -2.90 0.48	50.83 -3.93 1.32	61.78 -5.44 0.00	48.38 -4.55 0.00	39.17 -3.45 0.45	37.39 -3.08 0.00
CHATEAUG_35_KV_LOAD 355732	41.52 0.08 0.00	37.04 0.15 0.00	34.22 0.14 0.00	34.00 0.14 0.00	35.03 0.07 0.00	42.16 0.21 0.00	57.53 0.29 0.00	51.69 0.05 0.00	41.86 -0.08 0.00	31.70 -0.22 0.00	28.28 -0.34 0.00	28.28 -0.43 0.00	27.87 -0.40 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.16 -0.18 0.00	31.10 -0.06 0.00	36.50 0.07 0.00	42.15 0.17 0.00	56.30 0.22 0.00	67.76 0.54 0.00	53.26 0.32 0.00	43.42 0.34 0.00	40.79 0.32 0.00
CHATEAUG_WT_PWR 323614	41.44 0.00 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.42 0.17 0.00	51.64 0.00 0.00	41.81 -0.13 0.00	31.66 -0.26 0.00	28.28 -0.34 0.00	28.31 -0.40 0.00	27.89 -0.37 0.00	28.16 -0.28 0.00	28.54 -0.23 0.00	29.17 -0.17 0.00	31.10 -0.06 0.00	36.46 0.04 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.63 0.41 0.00	53.15 0.21 0.00	43.33 0.26 0.00	40.71 0.24 0.00
CHAT_HIGH_FALL_HYD 323578	41.52 0.08 0.00	37.04 0.15 0.00	34.22 0.14 0.00	34.00 0.14 0.00	35.03 0.07 0.00	42.16 0.21 0.00	57.53 0.29 0.00	51.69 0.05 0.00	41.86 -0.08 0.00	31.70 -0.22 0.00	28.28 -0.34 0.00	28.28 -0.43 0.00	27.87 -0.40 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.16 -0.18 0.00	31.10 -0.06 0.00	36.50 0.07 0.00	42.15 0.17 0.00	56.30 0.22 0.00	67.76 0.54 0.00	53.26 0.32 0.00	43.42 0.34 0.00	40.79 0.32 0.00
CHAUTAUQUA___LFGE 323629	40.53 -0.91 0.00	35.45 -1.44 0.00	33.19 -0.89 0.00	33.19 -0.68 0.00	34.19 -0.77 0.00	40.31 -1.64 0.00	54.10 -3.15 0.00	49.89 -1.76 0.00	40.39 -1.55 0.00	31.28 -0.64 0.00	28.20 -0.43 0.00	28.13 -0.57 0.00	27.67 -0.59 0.00	27.73 -0.71 0.00	27.71 -1.06 0.00	28.05 -1.29 0.00	29.09 -2.06 0.01	34.04 -2.37 0.02	39.45 -2.06 0.48	52.01 -2.75 1.33	63.26 -3.97 0.00	49.44 -3.50 0.00	39.95 -2.67 0.45	38.16 -2.30 0.00

CHERRYST_13_KV_LD 356241	43.47 2.03 0.00	38.62 1.73 0.00	35.58 1.50 0.00	35.28 1.42 0.00	36.43 1.47 0.00	43.71 1.76 0.00	60.05 2.80 0.00	54.58 2.94 0.00	44.75 2.81 0.00	33.87 1.95 0.00	31.54 1.72 -1.20	31.72 1.81 -1.21	31.23 1.78 -1.19	31.49 1.85 -1.20	31.86 1.87 -1.21	32.45 1.88 -1.23	34.46 1.99 -1.31	40.44 2.48 -1.54	46.31 2.56 -1.76	59.39 3.31 0.00	71.59 4.37 0.00	55.95 3.02 0.00	45.44 2.37 0.00	42.61 2.14 0.00
CHESTROR_138KV_BK263 355645	42.89 1.45 0.00	38.14 1.25 0.00	35.20 1.12 0.00	34.91 1.05 0.00	36.04 1.08 0.00	43.25 1.30 0.00	59.25 2.00 0.00	53.66 2.01 0.00	43.83 1.89 0.00	33.20 1.28 0.00	29.71 1.09 0.00	29.86 1.15 0.00	29.42 1.16 0.00	29.64 1.19 0.00	30.01 1.24 0.00	30.60 1.26 0.00	32.47 1.31 0.00	38.10 1.68 0.00	43.75 1.76 0.00	58.49 2.41 0.00	70.32 3.09 0.00	55.05 2.12 0.00	44.75 1.68 0.00	42.00 1.54 0.00
CH_MIDHUDSON___DRP 24192	43.10 1.66 0.00	38.37 1.48 0.00	35.38 1.30 0.00	35.12 1.25 0.00	36.22 1.26 0.00	43.50 1.55 0.00	59.59 2.35 0.00	53.91 2.27 0.00	43.99 2.06 0.00	33.33 1.40 0.00	29.83 1.20 0.00	29.97 1.26 0.00	29.51 1.24 0.00	29.75 1.31 0.00	30.10 1.32 0.00	30.75 1.41 0.00	32.59 1.43 0.00	38.25 1.82 0.00	43.96 1.97 0.00	58.71 2.64 0.00	70.52 3.29 0.00	55.32 2.38 0.00	45.01 1.94 0.00	42.20 1.74 0.00
CH_MISC_IPPS 23765	43.26 1.82 0.00	38.51 1.62 0.00	35.51 1.43 0.00	35.25 1.39 0.00	36.36 1.40 0.00	43.67 1.72 0.00	59.88 2.63 0.00	54.17 2.53 0.00	44.12 2.18 0.00	33.39 1.47 0.00	29.86 1.23 0.00	30.00 1.29 0.00	29.56 1.30 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.78 1.44 0.00	32.66 1.50 0.00	38.35 1.93 0.00	44.12 2.14 0.00	59.05 2.97 0.00	70.92 3.69 0.00	55.58 2.65 0.00	45.18 2.11 0.00	42.40 1.94 0.00
CH_RES_BVR_FALLS 23983	41.40 -0.04 0.00	36.85 -0.04 0.00	34.05 -0.03 0.00	33.83 -0.03 0.00	34.92 -0.03 0.00	41.95 0.00 0.00	57.19 -0.06 0.00	51.59 -0.05 0.00	41.86 -0.08 0.00	31.83 -0.10 0.00	28.54 -0.09 0.00	28.59 -0.11 0.00	28.15 -0.11 0.00	28.36 -0.09 0.00	28.69 -0.09 0.00	29.25 -0.09 0.00	31.10 -0.06 0.00	36.39 -0.04 0.00	41.94 -0.04 0.00	56.02 -0.06 0.00	67.22 0.00 0.00	52.88 -0.05 0.00	43.07 0.00 0.00	40.46 0.00 0.00
CH_RES_NIAGARA 23895	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
CH_RES_SYRACUSE 23985	42.64 -0.33 -1.53	37.35 -0.37 -0.83	34.05 -0.34 -0.32	33.81 -0.34 -0.28	35.10 -0.32 -0.46	43.28 -0.34 -1.66	59.90 -0.46 -3.12	53.51 -0.36 -2.22	42.13 -0.42 -0.61	31.73 -0.19 0.00	28.51 -0.11 0.00	28.62 -0.09 0.00	28.18 -0.08 0.00	28.36 -0.09 0.00	28.66 -0.11 0.00	29.19 -0.15 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.65 -0.34 0.00	56.81 -0.33 -1.06	68.82 -0.47 -2.06	54.58 -0.43 -2.07	43.68 -0.43 -1.04	41.37 -0.40 -1.31
CLINTON_WT_PWR 323605	41.44 0.00 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.42 0.17 0.00	51.64 0.00 0.00	41.81 -0.13 0.00	31.66 -0.26 0.00	28.28 -0.34 0.00	28.31 -0.40 0.00	27.89 -0.37 0.00	28.16 -0.28 0.00	28.54 -0.23 0.00	29.17 -0.17 0.00	31.10 -0.06 0.00	36.46 0.04 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.63 0.41 0.00	53.15 0.21 0.00	43.33 0.26 0.00	40.71 0.24 0.00
CLINTON___LFGE 323618	41.98 0.54 0.00	37.44 0.55 0.00	34.59 0.51 0.00	34.37 0.51 0.00	35.38 0.42 0.00	42.62 0.67 0.00	58.16 0.91 0.00	52.31 0.67 0.00	42.36 0.42 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.47 0.31 0.00	36.97 0.55 0.00	42.65 0.67 0.00	56.92 0.84 0.00	68.57 1.34 0.00	53.89 0.95 0.00	43.93 0.86 0.00	41.27 0.81 0.00
COBBLENY_34_KV_TB1 80064	39.83 -1.62 0.00	34.86 -2.03 0.00	32.58 -1.50 0.00	32.58 -1.29 0.00	33.59 -1.36 0.00	39.52 -2.43 0.00	52.89 -4.35 0.00	48.85 -2.79 0.00	39.51 -2.43 0.00	30.61 -1.31 0.00	27.62 -1.00 0.00	27.56 -1.15 0.00	27.13 -1.13 0.00	27.16 -1.28 0.00	27.19 -1.58 0.00	27.08 -2.26 0.00	28.53 -2.62 0.01	33.34 -3.06 0.02	38.55 -2.94 0.49	50.75 -3.98 1.35	61.78 -5.45 0.00	48.33 -4.61 0.00	39.12 -3.49 0.46	37.39 -3.08 0.00
COFFEEN_115KV_TB3 355620	43.78 0.70 -1.63	38.62 0.85 -0.88	35.03 0.61 -0.34	34.77 0.61 -0.30	36.32 0.87 -0.49	45.49 1.76 -1.78	62.69 2.12 -3.33	54.64 0.62 -2.38	42.42 -0.17 -0.65	31.12 -0.80 0.00	27.77 -0.86 0.00	27.76 -0.95 0.00	27.22 -1.05 0.00	27.33 -1.11 0.00	27.91 -0.86 0.00	28.37 -0.97 0.00	30.13 -1.03 0.00	35.73 -0.69 0.00	42.01 -0.34 -0.36	59.44 0.95 -2.41	71.39 1.41 -2.75	57.23 1.54 -2.76	45.86 1.08 -1.71	43.02 0.81 -1.75
COLDSPRG_115KV_BK1 355956	40.70 -0.75 0.00	35.64 -1.25 0.00	33.40 -0.68 0.00	33.35 -0.51 0.00	34.36 -0.59 0.00	40.57 -1.38 0.00	54.73 -2.52 0.00	50.35 -1.29 0.00	40.68 -1.26 0.00	31.41 -0.51 0.00	28.28 -0.34 0.00	28.19 -0.52 0.00	27.72 -0.54 0.00	27.73 -0.71 0.00	27.74 -1.04 0.00	27.73 -1.61 0.00	29.25 -1.90 0.01	34.36 -2.04 0.02	39.66 -1.85 0.48	52.25 -2.52 1.31	63.66 -3.56 0.00	49.66 -3.28 0.00	40.34 -2.28 0.45	38.32 -2.14 0.00
COLONIE_LFGE___ 323577	42.98 1.53 0.00	38.26 1.37 0.00	35.34 1.26 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.42 2.17 0.00	53.55 1.91 0.00	43.45 1.51 0.00	32.94 1.02 0.00	29.51 0.89 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.21 0.77 0.00	29.58 0.80 0.00	30.22 0.88 0.00	32.09 0.93 0.00	37.63 1.20 0.00	43.49 1.51 0.00	57.93 1.85 0.00	69.24 2.01 0.00	54.79 1.85 0.00	44.58 1.51 0.00	41.84 1.38 0.00
COOPERNY_115KV_TB1 80082	42.64 1.20 0.00	37.96 1.07 0.00	35.00 0.92 0.00	34.74 0.88 0.00	35.87 0.91 0.00	43.04 1.09 0.00	58.90 1.66 0.00	53.29 1.65 0.00	43.53 1.59 0.00	33.01 1.09 0.00	29.54 0.92 0.00	29.68 0.98 0.00	29.22 0.96 0.00	29.44 1.00 0.00	29.81 1.04 0.00	30.40 1.06 0.00	32.25 1.09 0.00	37.85 1.42 0.00	43.45 1.47 0.00	58.04 1.96 0.00	69.78 2.55 0.00	54.74 1.80 0.00	44.50 1.42 0.00	41.76 1.29 0.00
COPENHAGEN_WT_PWR 323753	43.66 0.50 -1.72	38.49 0.66 -0.93	34.88 0.44 -0.36	34.59 0.41 -0.32	36.14 0.66 -0.52	45.08 1.26 -1.87	62.12 1.37 -3.51	54.30 0.16 -2.50	42.16 -0.46 -0.68	30.99 -0.93 0.00	27.68 -0.94 0.00	27.73 -0.98 0.00	27.19 -1.07 0.00	27.30 -1.14 0.00	27.85 -0.92 0.00	28.29 -1.06 0.00	30.07 -1.09 0.00	35.55 -0.87 0.00	41.40 -0.59 0.00	57.31 0.34 -0.90	69.63 0.67 -1.74	55.52 0.84 -1.74	44.51 0.56 -0.88	41.93 0.36 -1.10

CORNELL____ 23752	42.88 0.62 -0.82	37.78 0.44 -0.44	34.66 0.41 -0.17	34.45 0.44 -0.15	35.73 0.52 -0.25	43.47 0.63 -0.89	59.77 0.86 -1.67	53.66 0.83 -1.19	42.68 0.42 -0.33	32.21 0.29 0.00	28.86 0.23 0.00	28.91 0.20 0.00	28.43 0.17 0.00	28.61 0.17 0.00	28.95 0.17 0.00	29.43 0.09 0.00	31.31 0.16 0.00	36.71 0.29 0.01	42.45 0.63 0.16	57.31 1.12 -0.11	69.57 1.28 -1.07	54.86 0.85 -1.07	44.11 0.65 -0.39	41.71 0.57 -0.68
CORONA__V_69_KV_TB1 355595	44.01 2.57 0.00	39.43 2.40 -0.15	36.74 2.15 -0.51	37.23 2.07 -1.31	39.77 2.13 -2.68	44.76 2.56 -0.25	59.99 2.75 0.00	54.58 2.94 0.00	45.21 3.27 0.00	35.30 2.43 -0.95	37.34 2.12 -6.59	38.81 2.15 -7.95	41.53 2.12 -11.15	35.40 2.19 -4.77	35.97 2.24 -4.95	52.12 2.23 -20.55	61.02 2.31 -27.55	69.46 2.84 -30.20	70.80 3.02 -25.80	71.26 3.93 -11.26	72.06 4.84 0.00	57.12 3.55 -0.64	47.95 2.93 -1.95	45.32 2.75 -2.10
CORTLAND_115KV_TB3 80093	42.69 0.37 -0.87	37.62 0.26 -0.47	34.50 0.24 -0.18	34.26 0.24 -0.16	35.53 0.31 -0.26	43.28 0.38 -0.95	59.60 0.57 -1.78	53.43 0.52 -1.27	42.58 0.29 -0.35	32.11 0.19 0.00	28.80 0.17 0.00	28.88 0.17 0.00	28.43 0.17 0.00	28.59 0.14 0.00	28.92 0.14 0.00	29.46 0.12 0.00	31.28 0.12 0.00	36.61 0.18 0.00	42.19 0.34 0.13	56.99 0.67 -0.23	69.18 0.81 -1.15	54.62 0.53 -1.16	43.88 0.34 -0.47	41.52 0.32 -0.73
COXSACKIE____GT 23611	43.64 2.19 0.00	38.84 1.95 0.00	35.95 1.87 0.00	35.76 1.90 0.00	36.88 1.92 0.00	44.30 2.35 0.00	60.68 3.43 0.00	54.17 2.53 0.00	43.45 1.51 0.00	32.69 0.76 0.00	29.17 0.54 0.00	29.25 0.54 0.00	28.74 0.48 0.00	28.96 0.51 0.00	29.29 0.52 0.00	30.04 0.70 0.00	31.97 0.81 0.00	37.73 1.31 0.00	43.88 1.89 0.00	59.11 3.03 0.00	70.58 3.36 0.00	55.74 2.80 0.00	45.40 2.32 0.00	42.61 2.14 0.00
CPV_VALLEY____CC1 323721	42.64 1.20 0.00	37.96 1.07 0.00	35.00 0.92 0.00	34.74 0.88 0.00	35.83 0.87 0.00	43.00 1.05 0.00	58.90 1.66 0.00	53.34 1.70 0.00	43.57 1.63 0.00	33.04 1.12 0.00	29.57 0.94 0.00	29.71 1.00 0.00	29.28 1.02 0.00	29.50 1.05 0.00	29.87 1.09 0.00	30.43 1.09 0.00	32.28 1.12 0.00	37.89 1.46 0.00	43.49 1.51 0.00	58.10 2.02 0.00	69.84 2.62 0.00	54.74 1.80 0.00	44.49 1.42 0.00	41.76 1.29 0.00
CPV_VALLEY____CC2 323722	42.64 1.20 0.00	37.96 1.07 0.00	35.00 0.92 0.00	34.74 0.88 0.00	35.83 0.87 0.00	43.00 1.05 0.00	58.90 1.66 0.00	53.34 1.70 0.00	43.57 1.63 0.00	33.04 1.12 0.00	29.57 0.94 0.00	29.71 1.00 0.00	29.28 1.02 0.00	29.50 1.05 0.00	29.87 1.09 0.00	30.43 1.09 0.00	32.28 1.12 0.00	37.89 1.46 0.00	43.49 1.51 0.00	58.10 2.02 0.00	69.84 2.62 0.00	54.74 1.80 0.00	44.49 1.42 0.00	41.76 1.29 0.00
CRESCENT____HYD 24018	42.98 1.53 0.00	38.26 1.37 0.00	35.34 1.26 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.42 2.17 0.00	53.55 1.91 0.00	43.45 1.51 0.00	32.94 1.02 0.00	29.51 0.89 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.21 0.77 0.00	29.58 0.80 0.00	30.22 0.88 0.00	32.09 0.93 0.00	37.63 1.20 0.00	43.49 1.51 0.00	57.93 1.85 0.00	69.24 2.01 0.00	54.79 1.85 0.00	44.58 1.51 0.00	41.84 1.38 0.00
CRICKET____VALLEY_CC1 323756	42.73 1.29 0.00	38.04 1.14 0.00	35.07 0.99 0.00	34.78 0.91 0.00	35.90 0.94 0.00	43.08 1.13 0.00	58.96 1.72 0.00	53.45 1.81 0.00	43.74 1.80 0.00	33.13 1.21 0.00	29.71 1.09 0.00	29.86 1.15 0.00	29.39 1.13 0.00	29.61 1.17 0.00	29.98 1.21 0.00	30.52 1.17 0.00	32.37 1.21 0.00	37.99 1.57 0.00	43.62 1.64 0.00	58.16 2.08 0.00	69.84 2.62 0.00	54.84 1.90 0.00	44.62 1.55 0.00	41.84 1.38 0.00
CRICKET____VALLEY_CC2 323757	42.73 1.29 0.00	38.04 1.14 0.00	35.07 0.99 0.00	34.78 0.91 0.00	35.90 0.94 0.00	43.08 1.13 0.00	58.96 1.72 0.00	53.45 1.81 0.00	43.74 1.80 0.00	33.13 1.21 0.00	29.71 1.09 0.00	29.86 1.15 0.00	29.39 1.13 0.00	29.61 1.17 0.00	29.98 1.21 0.00	30.52 1.17 0.00	32.37 1.21 0.00	37.99 1.57 0.00	43.62 1.64 0.00	58.16 2.08 0.00	69.84 2.62 0.00	54.84 1.90 0.00	44.62 1.55 0.00	41.84 1.38 0.00
CRICKET____VALLEY_CC3 323758	42.73 1.29 0.00	38.04 1.14 0.00	35.07 0.99 0.00	34.78 0.91 0.00	35.90 0.94 0.00	43.08 1.13 0.00	58.96 1.72 0.00	53.45 1.81 0.00	43.74 1.80 0.00	33.13 1.21 0.00	29.71 1.09 0.00	29.86 1.15 0.00	29.39 1.13 0.00	29.61 1.17 0.00	29.98 1.21 0.00	30.52 1.17 0.00	32.37 1.21 0.00	37.99 1.57 0.00	43.62 1.64 0.00	58.16 2.08 0.00	69.84 2.62 0.00	54.84 1.90 0.00	44.62 1.55 0.00	41.84 1.38 0.00
CRUCIBLE_METL_DRP 24180	42.64 -0.33 -1.53	37.35 -0.37 -0.83	34.05 -0.34 -0.32	33.81 -0.34 -0.28	35.10 -0.31 -0.46	43.28 -0.34 -1.66	59.90 -0.46 -3.12	53.50 -0.36 -2.22	42.13 -0.42 -0.61	31.73 -0.19 0.00	28.51 -0.11 0.00	28.62 -0.09 0.00	28.18 -0.08 0.00	28.36 -0.09 0.00	28.66 -0.12 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.65 -0.34 0.00	56.78 -0.34 -1.03	68.76 -0.47 -2.00	54.52 -0.42 -2.01	43.65 -0.43 -1.01	41.33 -0.40 -1.27
DAHOWA____HYDRO 323763	43.60 2.15 0.00	38.77 1.88 0.00	35.85 1.77 0.00	35.62 1.76 0.00	36.81 1.85 0.00	44.17 2.22 0.00	60.51 3.26 0.00	54.27 2.63 0.00	43.70 1.76 0.00	32.97 1.05 0.00	29.51 0.89 0.00	29.57 0.86 0.00	29.08 0.82 0.00	29.10 0.65 0.00	29.44 0.66 0.00	30.13 0.79 0.00	31.97 0.81 0.00	37.59 1.17 0.00	43.67 1.68 0.00	57.82 1.74 0.00	69.31 2.09 0.00	55.06 2.12 0.00	44.71 1.64 0.00	42.04 1.58 0.00
DANC____LFGE 323619	43.83 0.25 -2.14	38.41 0.37 -1.16	34.73 0.21 -0.44	34.46 0.20 -0.40	35.98 0.39 -0.64	45.07 0.80 -2.33	62.40 0.80 -4.36	54.54 -0.21 -3.11	42.08 -0.71 -0.85	30.90 -1.02 0.00	27.68 -0.94 0.00	27.76 -0.95 0.00	27.27 -0.99 0.00	27.39 -1.05 0.00	27.91 -0.86 0.00	28.31 -1.03 0.00	30.10 -1.06 0.00	35.48 -0.95 0.00	41.29 -0.80 -0.10	57.18 -0.28 -1.38	69.23 -0.13 -2.15	55.19 0.11 -2.15	44.24 0.00 -1.17	41.70 -0.12 -1.36
DANSKAMMER____1 23586	43.26 1.82 0.00	38.51 1.62 0.00	35.51 1.43 0.00	35.25 1.39 0.00	36.36 1.40 0.00	43.67 1.72 0.00	59.88 2.63 0.00	54.17 2.53 0.00	44.12 2.18 0.00	33.39 1.47 0.00	29.86 1.23 0.00	30.00 1.29 0.00	29.56 1.30 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.78 1.44 0.00	32.66 1.50 0.00	38.35 1.93 0.00	44.12 2.14 0.00	59.05 2.97 0.00	70.92 3.69 0.00	55.58 2.65 0.00	45.18 2.11 0.00	42.40 1.94 0.00
DANSKAMMER____2 23589	43.26 1.82 0.00	38.51 1.62 0.00	35.51 1.43 0.00	35.25 1.39 0.00	36.36 1.40 0.00	43.67 1.72 0.00	59.88 2.63 0.00	54.17 2.53 0.00	44.12 2.18 0.00	33.39 1.47 0.00	29.86 1.23 0.00	30.00 1.29 0.00	29.56 1.30 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.78 1.44 0.00	32.66 1.50 0.00	38.35 1.93 0.00	44.12 2.14 0.00	59.05 2.97 0.00	70.92 3.69 0.00	55.58 2.65 0.00	45.18 2.11 0.00	42.40 1.94 0.00

DANSKAMMER___3 23590	43.26 1.82 0.00	38.51 1.62 0.00	35.51 1.43 0.00	35.25 1.39 0.00	36.36 1.40 0.00	43.67 1.72 0.00	59.88 2.63 0.00	54.17 2.53 0.00	44.12 2.18 0.00	33.39 1.47 0.00	29.86 1.23 0.00	30.00 1.29 0.00	29.56 1.30 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.78 1.44 0.00	32.66 1.50 0.00	38.35 1.93 0.00	44.12 2.14 0.00	59.05 2.97 0.00	70.92 3.69 0.00	55.58 2.65 0.00	45.18 2.11 0.00	42.40 1.94 0.00
DANSKAMMER___4 23591	43.26 1.82 0.00	38.51 1.62 0.00	35.51 1.43 0.00	35.25 1.39 0.00	36.36 1.40 0.00	43.67 1.72 0.00	59.88 2.63 0.00	54.17 2.53 0.00	44.12 2.18 0.00	33.39 1.47 0.00	29.86 1.23 0.00	30.00 1.29 0.00	29.56 1.30 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.78 1.44 0.00	32.66 1.50 0.00	38.35 1.93 0.00	44.12 2.14 0.00	59.05 2.97 0.00	70.92 3.69 0.00	55.58 2.65 0.00	45.18 2.11 0.00	42.40 1.94 0.00
DANSKAMMER___DIESEL 23592	43.27 1.82 0.00	38.51 1.62 0.00	35.51 1.43 0.00	35.25 1.39 0.00	36.36 1.40 0.00	43.67 1.72 0.00	59.88 2.63 0.00	54.17 2.53 0.00	44.12 2.18 0.00	33.39 1.47 0.00	29.86 1.23 0.00	30.00 1.29 0.00	29.56 1.30 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.84 1.50 0.00	32.69 1.53 0.00	38.39 1.97 0.00	44.13 2.14 0.00	59.05 2.97 0.00	70.92 3.70 0.00	55.58 2.65 0.00	45.22 2.15 0.00	42.41 1.94 0.00
DARBY___SOLAR 323810	43.47 2.03 0.00	38.66 1.77 0.00	35.75 1.67 0.00	35.52 1.66 0.00	36.67 1.71 0.00	44.05 2.10 0.00	60.28 3.03 0.00	54.12 2.48 0.00	43.62 1.68 0.00	32.94 1.02 0.00	29.48 0.86 0.00	29.54 0.83 0.00	29.05 0.79 0.00	29.10 0.65 0.00	29.44 0.66 0.00	30.13 0.79 0.00	31.97 0.81 0.00	37.59 1.17 0.00	43.62 1.64 0.00	57.82 1.74 0.00	69.31 2.09 0.00	55.00 2.06 0.00	44.67 1.59 0.00	42.00 1.54 0.00
DASHVILLE___HYD 23610	43.18 1.74 0.00	38.48 1.59 0.00	35.48 1.40 0.00	35.22 1.35 0.00	36.32 1.36 0.00	43.54 1.59 0.00	59.65 2.40 0.00	53.91 2.27 0.00	43.87 1.93 0.00	33.20 1.28 0.00	29.69 1.06 0.00	29.83 1.12 0.00	29.39 1.13 0.00	29.64 1.19 0.00	29.98 1.21 0.00	30.63 1.29 0.00	32.50 1.34 0.00	38.17 1.75 0.00	43.87 1.89 0.00	58.77 2.69 0.00	70.52 3.29 0.00	55.32 2.38 0.00	45.05 1.98 0.00	42.28 1.82 0.00
DELAWARE___LFGE 323621	42.92 1.16 -0.32	38.17 1.11 -0.17	35.13 0.99 -0.07	34.90 0.98 -0.06	36.10 1.05 -0.09	43.55 1.26 -0.34	59.66 1.77 -0.64	53.60 1.50 -0.46	43.36 1.30 -0.13	32.78 0.86 0.00	29.31 0.69 0.00	29.40 0.69 0.00	28.97 0.71 0.00	29.13 0.68 0.00	29.52 0.75 0.00	30.10 0.76 0.00	31.94 0.78 0.00	37.49 1.06 -0.01	43.08 1.18 0.08	57.87 1.79 0.01	69.79 2.15 -0.41	55.04 1.69 -0.41	44.59 1.38 -0.15	41.98 1.25 -0.26
DERFIELD_115KV_TB7 355931	41.52 0.08 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	35.03 0.07 0.00	42.03 0.08 0.00	57.36 0.11 0.00	51.74 0.10 0.00	42.02 0.08 0.00	31.98 0.06 0.00	28.68 0.06 0.00	28.76 0.06 0.00	28.29 0.03 0.00	28.47 0.03 0.00	28.80 0.03 0.00	29.37 0.03 0.00	31.19 0.03 0.00	36.50 0.07 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.36 0.13 0.00	53.04 0.11 0.00	43.16 0.09 0.00	40.54 0.08 0.00
DOGLEVILLE___HYD 23807	41.19 -0.25 0.00	36.74 -0.15 0.00	33.94 -0.14 0.00	33.76 -0.10 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.53 0.29 0.00	51.80 0.15 0.00	41.98 0.04 0.00	31.79 -0.13 0.00	28.40 -0.23 0.00	28.36 -0.34 0.00	27.84 -0.42 0.00	27.90 -0.54 0.00	28.23 -0.55 0.00	28.55 -0.79 0.00	30.35 -0.81 0.00	35.62 -0.80 0.00	41.27 -0.71 0.00	55.52 -0.56 0.00	66.69 -0.54 0.00	52.73 -0.21 0.00	43.33 0.26 0.00	40.79 0.32 0.00
DUNKIRK___115KV_TB_200 55889	40.49 -0.95 0.00	35.41 -1.48 0.00	33.16 -0.92 0.00	33.15 -0.71 0.00	34.15 -0.80 0.00	40.23 -1.72 0.00	53.98 -3.26 0.00	49.78 -1.86 0.00	40.35 -1.59 0.00	31.22 -0.70 0.00	28.14 -0.49 0.00	28.08 -0.63 0.00	27.64 -0.62 0.00	27.68 -0.77 0.00	27.71 -1.06 0.00	27.58 -1.76 0.00	29.06 -2.09 0.01	34.00 -2.40 0.02	39.39 -2.10 0.49	51.86 -2.86 1.36	63.19 -4.03 0.00	49.34 -3.60 0.00	39.85 -2.76 0.46	38.12 -2.35 0.00
DUNKIRK___1 23563	40.49 -0.95 0.00	35.41 -1.48 0.00	33.16 -0.92 0.00	33.15 -0.71 0.00	34.15 -0.80 0.00	40.23 -1.72 0.00	53.98 -3.26 0.00	49.78 -1.86 0.00	40.35 -1.59 0.00	31.22 -0.70 0.00	28.14 -0.49 0.00	28.08 -0.63 0.00	27.64 -0.62 0.00	27.68 -0.77 0.00	27.71 -1.06 0.00	27.58 -1.76 0.00	29.06 -2.09 0.01	34.00 -2.40 0.02	39.39 -2.10 0.49	51.86 -2.86 1.36	63.19 -4.03 0.00	49.34 -3.60 0.00	39.85 -2.76 0.46	38.12 -2.35 0.00
DUNKIRK___2 23564	40.49 -0.95 0.00	35.41 -1.48 0.00	33.16 -0.92 0.00	33.15 -0.71 0.00	34.15 -0.80 0.00	40.23 -1.72 0.00	53.98 -3.26 0.00	49.78 -1.86 0.00	40.35 -1.59 0.00	31.22 -0.70 0.00	28.14 -0.49 0.00	28.08 -0.63 0.00	27.64 -0.62 0.00	27.68 -0.77 0.00	27.71 -1.06 0.00	27.58 -1.76 0.00	29.06 -2.09 0.01	34.00 -2.40 0.02	39.39 -2.10 0.49	51.86 -2.86 1.36	63.19 -4.03 0.00	49.34 -3.60 0.00	39.85 -2.76 0.46	38.12 -2.35 0.00
DUNKIRK___3 23565	40.20 -1.24 0.00	35.16 -1.73 0.00	32.92 -1.16 0.00	32.88 -0.98 0.00	33.91 -1.05 0.00	39.90 -2.06 0.00	53.52 -3.72 0.00	49.37 -2.27 0.00	39.97 -1.97 0.00	30.96 -0.96 0.00	27.91 -0.72 0.00	27.85 -0.86 0.00	27.41 -0.85 0.00	27.45 -1.00 0.00	27.48 -1.29 0.00	27.37 -1.97 0.00	28.85 -2.31 0.01	33.74 -2.66 0.02	39.10 -2.39 0.50	51.41 -3.31 1.36	62.65 -4.57 0.00	48.97 -3.97 0.00	39.59 -3.01 0.46	37.87 -2.59 0.00
DUNKIRK___4 23566	40.20 -1.24 0.00	35.16 -1.73 0.00	32.92 -1.16 0.00	32.88 -0.98 0.00	33.91 -1.05 0.00	39.90 -2.06 0.00	53.52 -3.72 0.00	49.37 -2.27 0.00	39.97 -1.97 0.00	30.96 -0.96 0.00	27.91 -0.72 0.00	27.85 -0.86 0.00	27.41 -0.85 0.00	27.45 -1.00 0.00	27.48 -1.29 0.00	27.37 -1.97 0.00	28.85 -2.31 0.01	33.74 -2.66 0.02	39.10 -2.39 0.50	51.41 -3.31 1.36	62.65 -4.57 0.00	48.97 -3.97 0.00	39.59 -3.01 0.46	37.87 -2.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.18 1.32 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.76 2.52 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.64 1.72 0.00	30.11 1.49 0.00	30.26 1.55 0.00	29.82 1.55 0.00	30.04 1.59 0.00	30.42 1.64 0.00	30.98 1.64 0.00	32.87 1.71 0.00	38.61 2.19 0.00	44.25 2.27 0.00	59.05 2.97 0.00	71.12 3.90 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.06 1.62 0.00	38.33 1.44 0.00	35.34 1.26 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.53 2.29 0.00	53.91 2.27 0.00	43.99 2.06 0.00	33.29 1.37 0.00	29.80 1.17 0.00	29.94 1.23 0.00	29.48 1.22 0.00	29.72 1.28 0.00	30.10 1.32 0.00	30.72 1.38 0.00	32.56 1.40 0.00	38.25 1.82 0.00	43.92 1.93 0.00	58.77 2.69 0.00	70.58 3.36 0.00	55.32 2.38 0.00	44.97 1.90 0.00	42.20 1.74 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.31 1.86 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.08 1.22 0.00	36.22 1.26 0.00	43.34 1.38 0.00	59.48 2.23 0.00	54.02 2.38 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.14 1.52 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	30.98 1.64 0.00	32.87 1.71 0.00	38.57 2.15 0.00	44.17 2.18 0.00	58.88 2.80 0.00	70.92 3.70 0.00	55.37 2.44 0.00	44.97 1.90 0.00	42.32 1.86 0.00
E179THST_13_KV_LOAD 356214	43.47 2.03 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.50 1.55 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.29 1.66 0.00	30.43 1.72 0.00	29.99 1.72 0.00	30.21 1.76 0.00	30.59 1.81 0.00	31.10 1.76 0.00	33.03 1.87 0.00	38.76 2.33 0.00	44.34 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.64 2.70 0.00	45.14 2.07 0.00	42.49 2.02 0.00
EAST HAMPTON___GT 23717	42.60 1.16 0.00	38.25 1.29 -0.07	35.92 1.33 -0.51	36.52 1.36 -1.31	39.22 1.57 -2.68	44.25 2.06 -0.25	60.51 1.08 -2.18	54.42 1.76 -1.02	44.50 2.56 0.00	34.92 2.04 -0.95	36.77 1.63 -6.52	34.50 1.58 -4.22	34.90 1.21 -5.43	34.44 1.31 -4.69	35.03 1.38 -4.87	40.57 1.23 -10.00	46.21 1.65 -13.40	54.53 2.04 -16.06	58.90 2.06 -14.86	67.81 2.41 -9.33	74.84 2.42 -5.20	57.02 1.85 -2.23	45.66 1.64 -0.95	43.18 1.70 -1.02
EAST RIVER___6 23660	43.35 1.91 0.00	38.51 1.62 0.00	35.37 1.29 0.00	35.12 1.25 0.00	36.21 1.26 0.00	43.50 1.55 0.00	59.82 2.58 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.77 1.85 0.00	31.46 1.63 -1.20	31.64 1.72 -1.21	31.14 1.70 -1.19	31.43 1.79 -1.20	31.83 1.84 -1.21	32.45 1.88 -1.23	34.46 2.00 -1.31	40.44 2.48 -1.54	46.26 2.52 -1.76	59.33 3.25 0.00	71.46 4.24 0.00	55.85 2.91 0.00	45.31 2.24 0.00	42.57 2.10 0.00
EAST RIVER___7 23524	43.35 1.91 0.00	38.51 1.62 0.00	35.37 1.29 0.00	35.12 1.25 0.00	36.21 1.26 0.00	43.50 1.55 0.00	59.82 2.58 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.77 1.85 0.00	31.46 1.63 -1.20	31.64 1.72 -1.21	31.14 1.70 -1.19	31.43 1.79 -1.20	31.83 1.84 -1.21	32.45 1.88 -1.23	34.46 2.00 -1.31	40.44 2.48 -1.54	46.26 2.52 -1.76	59.33 3.25 0.00	71.46 4.24 0.00	55.85 2.91 0.00	45.31 2.24 0.00	42.57 2.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.18 1.74 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.65 2.40 0.00	54.12 2.48 0.00	44.33 2.39 0.00	33.58 1.66 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.76 1.50 0.00	29.98 1.54 0.00	30.36 1.58 0.00	30.95 1.61 0.00	32.81 1.65 0.00	38.54 2.11 0.00	44.17 2.18 0.00	58.94 2.86 0.00	70.99 3.76 0.00	55.53 2.59 0.00	45.14 2.07 0.00	42.32 1.86 0.00
EAST_HAMPTON___DIESEL 23722	42.52 1.08 0.00	38.18 1.22 -0.07	35.85 1.26 -0.51	36.45 1.29 -1.31	39.18 1.54 -2.68	44.21 2.01 -0.25	60.45 1.03 -2.18	54.32 1.65 -1.02	44.46 2.52 0.00	34.88 2.01 -0.95	36.74 1.60 -6.52	34.45 1.52 -4.22	34.85 1.16 -5.43	34.42 1.28 -4.69	34.97 1.32 -4.87	40.51 1.17 -10.00	46.15 1.59 -13.40	54.49 2.00 -16.06	58.82 1.97 -14.86	67.70 2.30 -9.33	74.71 2.29 -5.20	56.97 1.80 -2.23	45.57 1.55 -0.95	43.11 1.62 -1.02
EAST_POINT___SOLAR 323840	44.26 2.82 0.00	39.36 2.47 0.00	36.36 2.28 0.00	36.17 2.30 0.00	37.40 2.45 0.00	45.01 3.06 0.00	61.37 4.12 0.00	53.97 2.33 0.00	42.11 0.17 0.00	31.15 -0.77 0.00	27.74 -0.89 0.00	27.90 -0.80 0.00	27.70 -0.57 0.00	27.90 -0.54 0.00	28.34 -0.43 0.00	29.25 -0.09 0.00	31.35 0.19 0.00	37.08 0.66 0.00	43.62 1.64 0.00	59.16 3.08 0.00	71.39 4.17 0.00	56.38 3.44 0.00	45.79 2.72 0.00	42.97 2.51 0.00
EAST_PULASKI___ESR 323781	44.76 -0.87 -4.19	38.34 -0.81 -2.26	34.16 -0.78 -0.86	33.86 -0.78 -0.77	35.48 -0.74 -1.26	45.67 -0.84 -4.56	64.64 -1.14 -8.54	56.70 -1.03 -6.09	42.64 -0.96 -1.66	31.31 -0.61 0.00	28.14 -0.49 0.00	28.25 -0.46 0.00	27.81 -0.45 0.00	27.96 -0.48 0.00	28.26 -0.52 0.00	28.78 -0.56 0.00	30.29 -0.87 0.00	35.52 -0.91 0.00	41.37 -0.88 -0.27	57.70 -0.73 -2.35	69.55 -0.80 -3.13	55.54 -0.53 -3.13	44.38 -0.51 -1.82	41.88 -0.57 -1.99
EAST_RIVER___1 323558	43.35 1.91 0.00	38.55 1.66 0.00	35.48 1.40 0.00	35.22 1.36 0.00	36.32 1.36 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.43 2.79 0.00	44.63 2.69 0.00	33.77 1.85 0.00	31.46 1.63 -1.20	31.64 1.72 -1.21	31.14 1.70 -1.19	31.37 1.74 -1.20	31.77 1.78 -1.21	32.33 1.76 -1.23	34.34 1.87 -1.31	40.29 2.33 -1.54	46.18 2.43 -1.76	59.22 3.14 0.00	71.39 4.17 0.00	55.79 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
EAST_RIVER___2 323559	43.35 1.91 0.00	38.51 1.62 0.00	35.37 1.29 0.00	35.12 1.25 0.00	36.21 1.26 0.00	43.50 1.55 0.00	59.82 2.58 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.77 1.85 0.00	31.46 1.63 -1.20	31.64 1.72 -1.21	31.14 1.70 -1.19	31.43 1.79 -1.20	31.83 1.84 -1.21	32.45 1.88 -1.23	34.46 2.00 -1.31	40.44 2.48 -1.54	46.26 2.52 -1.76	59.33 3.25 0.00	71.46 4.24 0.00	55.85 2.91 0.00	45.31 2.24 0.00	42.57 2.10 0.00
EAST___DELAWARE_HYD 23607	43.64 2.19 0.00	38.88 1.99 0.00	35.85 1.77 0.00	35.59 1.73 0.00	36.74 1.78 0.00	44.09 2.14 0.00	60.45 3.20 0.00	54.53 2.89 0.00	44.29 2.35 0.00	33.45 1.53 0.00	29.88 1.26 0.00	30.03 1.32 0.00	29.53 1.27 0.00	29.75 1.31 0.00	30.13 1.35 0.00	30.75 1.41 0.00	32.66 1.50 0.00	38.39 1.97 0.00	44.17 2.18 0.00	59.33 3.25 0.00	71.19 3.97 0.00	55.79 2.86 0.00	45.35 2.28 0.00	42.53 2.06 0.00
EIGHT_POINT___WT_PWR 323820	40.62 -1.12 -0.30	35.54 -1.51 -0.16	33.19 -0.95 -0.06	33.17 -0.75 -0.05	34.31 -0.74 -0.09	40.97 -1.30 -0.32	55.39 -2.46 -0.61	50.63 -1.45 -0.43	40.38 -1.68 -0.12	30.87 -1.05 0.00	27.68 -0.94 0.00	27.67 -1.03 0.00	27.30 -0.96 0.00	27.39 -1.05 0.00	27.48 -1.29 0.00	27.87 -1.47 0.00	29.15 -1.99 0.01	34.36 -2.04 0.03	40.05 -1.55 0.39	53.57 -1.63 0.88	65.22 -2.35 -0.35	51.02 -2.27 -0.35	41.15 -1.72 0.19	39.15 -1.54 -0.22
ELBRIDGE_115KV_TB2 80188	42.57 -0.50 -1.62	37.21 -0.55 -0.88	33.94 -0.48 -0.33	33.69 -0.47 -0.30	34.99 -0.45 -0.49	43.17 -0.55 -1.76	59.80 -0.74 -3.30	53.43 -0.57 -2.36	42.00 -0.59 -0.64	31.57 -0.35 0.00	28.37 -0.26 0.00	28.48 -0.23 0.00	28.04 -0.23 0.00	28.22 -0.23 0.00	28.49 -0.29 0.00	28.99 -0.35 0.00	30.82 -0.34 0.00	35.91 -0.51 0.00	41.44 -0.55 0.00	56.56 -0.62 -1.10	68.55 -0.81 -2.13	54.33 -0.74 -2.14	43.50 -0.65 -1.07	41.21 -0.61 -1.35
ELEC_TRO_TEK 24086	43.85 2.40 0.00	39.26 2.25 -0.12	36.60 2.01 -0.51	37.10 1.93 -1.31	39.63 1.99 -2.68	44.59 2.39 -0.25	59.71 2.46 0.00	54.33 2.69 0.00	45.04 3.10 0.00	35.20 2.33 -0.95	37.23 2.03 -6.57	37.60 2.10 -6.80	39.71 2.06 -9.39	35.29 2.10 -4.74	35.86 2.16 -4.92	48.78 2.14 -17.30	56.56 2.21 -23.19	64.58 2.73 -25.42	66.55 2.85 -21.71	69.26 3.70 -9.48	71.66 4.44 0.00	56.76 3.28 -0.54	47.51 2.80 -1.64	44.86 2.63 -1.77

ELLENBURG_WT_PWR 323604	41.44 0.00 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.42 0.17 0.00	51.64 0.00 0.00	41.81 -0.13 0.00	31.66 -0.26 0.00	28.28 -0.34 0.00	28.31 -0.40 0.00	27.89 -0.37 0.00	28.16 -0.28 0.00	28.54 -0.23 0.00	29.17 -0.17 0.00	31.10 -0.06 0.00	36.46 0.04 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.63 0.41 0.00	53.15 0.21 0.00	43.33 0.26 0.00	40.71 0.24 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.62 -1.82 0.00	34.68 -2.21 0.00	32.41 -1.67 0.00	32.37 -1.49 0.00	33.38 -1.57 0.00	39.22 -2.73 0.00	52.44 -4.81 0.00	48.49 -3.15 0.00	39.25 -2.68 0.00	30.45 -1.47 0.00	27.48 -1.15 0.00	27.44 -1.26 0.00	27.02 -1.24 0.00	27.05 -1.39 0.00	27.11 -1.67 0.00	26.93 -2.41 0.00	28.38 -2.77 0.01	33.13 -3.28 0.02	38.37 -3.11 0.51	50.36 -4.32 1.40	61.38 -5.85 0.00	48.12 -4.82 0.00	38.81 -3.79 0.47	37.27 -3.20 0.00
EMPIRE_CC_1 323656	42.81 1.37 0.00	38.11 1.22 0.00	35.24 1.16 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.33 1.38 0.00	59.08 1.83 0.00	53.29 1.65 0.00	43.37 1.43 0.00	32.91 0.99 0.00	29.48 0.86 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.24 0.80 0.00	29.61 0.84 0.00	30.25 0.91 0.00	32.09 0.93 0.00	37.63 1.20 0.00	43.41 1.43 0.00	57.82 1.74 0.00	69.04 1.82 0.00	54.63 1.69 0.00	44.45 1.38 0.00	41.76 1.29 0.00
EMPIRE_CC_2 323658	42.81 1.37 0.00	38.11 1.22 0.00	35.24 1.16 0.00	34.98 1.12 0.00	36.11 1.15 0.00	43.33 1.38 0.00	59.08 1.83 0.00	53.29 1.65 0.00	43.37 1.43 0.00	32.91 0.99 0.00	29.48 0.86 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.24 0.80 0.00	29.61 0.84 0.00	30.25 0.91 0.00	32.09 0.93 0.00	37.63 1.20 0.00	43.41 1.43 0.00	57.82 1.74 0.00	69.04 1.82 0.00	54.63 1.69 0.00	44.45 1.38 0.00	41.76 1.29 0.00
ENORWICH_115KV_TB1 80156	43.99 1.91 -0.64	39.04 1.81 -0.35	35.81 1.60 -0.13	35.64 1.66 -0.12	37.07 1.92 -0.19	45.25 2.60 -0.70	62.27 3.72 -1.31	55.46 2.89 -0.93	44.08 1.89 -0.25	33.01 1.09 0.00	29.31 0.69 0.00	29.28 0.57 0.00	28.77 0.51 0.00	28.93 0.48 0.00	29.44 0.66 0.00	29.93 0.59 0.00	31.85 0.69 0.00	37.78 1.35 0.00	43.88 2.02 0.12	59.98 3.81 -0.09	72.63 4.57 -0.84	57.48 3.71 -0.84	46.19 2.80 -0.32	43.50 2.51 -0.53
ERIE_ST_34_KV_TB1-2 80199	39.58 -1.86 0.00	34.64 -2.25 0.00	32.38 -1.70 0.00	32.37 -1.49 0.00	33.35 -1.61 0.00	39.27 -2.68 0.00	52.66 -4.58 0.00	48.54 -3.10 0.00	39.25 -2.68 0.00	30.42 -1.50 0.00	27.42 -1.20 0.00	27.39 -1.32 0.00	26.96 -1.30 0.00	26.99 -1.45 0.00	26.99 -1.78 0.00	26.93 -2.41 0.00	28.38 -2.77 0.01	33.38 -3.02 0.02	38.42 -3.06 0.50	50.56 -4.15 1.37	61.58 -5.65 0.00	48.17 -4.76 0.00	39.20 -3.40 0.46	37.27 -3.20 0.00
ERIE_WT_PWR 323693	39.78 -1.66 0.00	34.83 -2.07 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.56 -1.40 0.00	39.43 -2.52 0.00	52.72 -4.52 0.00	48.75 -2.89 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.60 -1.03 0.00	27.53 -1.18 0.00	27.10 -1.16 0.00	27.16 -1.28 0.00	27.16 -1.61 0.00	27.49 -1.85 0.00	28.44 -2.71 0.01	33.31 -3.10 0.02	38.51 -2.98 0.49	50.75 -3.98 1.35	61.71 -5.51 0.00	48.33 -4.61 0.00	39.13 -3.49 0.46	37.39 -3.08 0.00
ESPRGFLD_115KV_TB1 80157	43.43 1.99 0.00	38.70 1.81 0.00	35.68 1.60 0.00	35.49 1.63 0.00	36.70 1.75 0.00	44.17 2.22 0.00	60.39 3.15 0.00	53.86 2.22 0.00	43.20 1.26 0.00	32.50 0.57 0.00	29.00 0.37 0.00	29.08 0.37 0.00	28.66 0.40 0.00	28.81 0.37 0.00	29.26 0.49 0.00	29.84 0.50 0.00	31.78 0.62 0.00	37.41 0.98 0.00	43.45 1.47 0.00	58.66 2.58 0.00	70.45 3.23 0.00	55.53 2.59 0.00	45.14 2.07 0.00	42.32 1.86 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.88 0.58 -0.85	37.76 0.41 -0.46	34.67 0.41 -0.18	34.43 0.41 -0.16	35.70 0.49 -0.26	43.47 0.59 -0.93	59.79 0.80 -1.74	53.66 0.77 -1.24	42.70 0.42 -0.34	32.18 0.26 0.00	28.83 0.20 0.00	28.88 0.17 0.00	28.43 0.17 0.00	28.61 0.17 0.00	28.95 0.17 0.00	29.43 0.09 0.00	31.31 0.16 0.00	36.71 0.29 0.01	42.43 0.59 0.15	57.32 1.07 -0.18	69.55 1.21 -1.12	54.91 0.85 -1.12	44.10 0.60 -0.43	41.70 0.53 -0.71
ETNA____115KV_TB2 80207	42.88 0.58 -0.85	37.76 0.41 -0.46	34.67 0.41 -0.18	34.43 0.41 -0.16	35.70 0.49 -0.26	43.47 0.59 -0.93	59.79 0.80 -1.74	53.66 0.77 -1.24	42.70 0.42 -0.34	32.18 0.26 0.00	28.83 0.20 0.00	28.88 0.17 0.00	28.43 0.17 0.00	28.61 0.17 0.00	28.95 0.17 0.00	29.43 0.09 0.00	31.31 0.16 0.00	36.71 0.29 0.01	42.43 0.59 0.15	57.32 1.07 -0.18	69.55 1.21 -1.12	54.91 0.85 -1.12	44.10 0.60 -0.43	41.70 0.53 -0.71
EUCLID____115KV_TB2 356179	41.31 -0.75 -0.61	36.48 -0.74 -0.33	33.52 -0.68 -0.13	33.30 -0.68 -0.11	34.48 -0.66 -0.18	41.82 -0.80 -0.66	57.34 -1.14 -1.24	51.60 -0.93 -0.89	41.38 -0.80 -0.24	31.44 -0.48 0.00	28.25 -0.37 0.00	28.36 -0.34 0.00	27.92 -0.34 0.00	28.10 -0.34 0.00	28.40 -0.37 0.00	28.90 -0.44 0.00	30.69 -0.47 0.00	35.73 -0.69 0.33	40.85 -0.80 0.51	54.62 -0.95 0.79	66.80 -1.21 -0.79	52.72 -1.01 -0.79	42.27 -0.90 -0.10	40.12 -0.85 -0.50
E_CANADA_CAP_HY 24051	43.93 2.49 0.00	39.07 2.18 0.00	36.09 2.01 0.00	35.89 2.03 0.00	37.13 2.17 0.00	44.64 2.69 0.00	61.08 3.84 0.00	54.07 2.43 0.00	42.90 0.97 0.00	32.11 0.19 0.00	28.63 0.00 0.00	28.71 0.00 0.00	28.32 0.06 0.00	28.47 0.03 0.00	28.89 0.12 0.00	29.57 0.23 0.00	31.56 0.40 0.00	37.23 0.80 0.00	43.49 1.51 0.00	58.77 2.69 0.00	70.72 3.49 0.00	55.79 2.86 0.00	45.40 2.32 0.00	42.65 2.18 0.00
E_CANADA_MHWK_HY 24050	41.19 -0.25 0.00	36.74 -0.15 0.00	33.94 -0.14 0.00	33.76 -0.10 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.53 0.29 0.00	51.80 0.16 0.00	41.98 0.04 0.00	31.79 -0.13 0.00	28.40 -0.23 0.00	28.36 -0.34 0.00	27.84 -0.42 0.00	27.90 -0.54 0.00	28.23 -0.55 0.00	28.52 -0.82 0.00	30.35 -0.81 0.00	35.62 -0.80 0.00	41.27 -0.71 0.00	55.52 -0.56 0.00	66.68 -0.54 0.00	52.73 -0.21 0.00	43.33 0.26 0.00	40.78 0.32 0.00
E_FISHKILL____LBMP 23776	42.93 1.49 0.00	38.22 1.33 0.00	35.24 1.16 0.00	34.95 1.08 0.00	36.08 1.12 0.00	43.29 1.34 0.00	59.30 2.06 0.00	53.71 2.07 0.00	43.95 2.01 0.00	33.29 1.37 0.00	29.83 1.20 0.00	29.97 1.26 0.00	29.51 1.24 0.00	29.72 1.28 0.00	30.10 1.32 0.00	30.69 1.35 0.00	32.53 1.37 0.00	38.17 1.75 0.00	43.83 1.85 0.00	58.49 2.41 0.00	70.32 3.09 0.00	55.11 2.17 0.00	44.84 1.77 0.00	42.04 1.58 0.00
FALCON____SEABRD_CC1 323796	41.94 0.50 0.00	37.41 0.52 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.38 0.42 0.00	42.58 0.63 0.00	58.10 0.86 0.00	52.21 0.57 0.00	42.27 0.33 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.44 0.28 0.00	36.90 0.47 0.00	42.57 0.59 0.00	56.81 0.73 0.00	68.37 1.14 0.00	53.78 0.84 0.00	43.85 0.78 0.00	41.19 0.73 0.00

FALCON___SEABRD_CC2 323797	41.94 0.50 0.00	37.41 0.52 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.38 0.42 0.00	42.58 0.63 0.00	58.10 0.86 0.00	52.21 0.57 0.00	42.27 0.33 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.44 0.28 0.00	36.90 0.47 0.00	42.57 0.59 0.00	56.81 0.73 0.00	68.37 1.14 0.00	53.78 0.84 0.00	43.85 0.78 0.00	41.19 0.73 0.00
FAR ROCKAWAY___4 23548	44.47 3.03 0.00	39.82 2.80 -0.13	37.08 2.49 -0.51	37.61 2.44 -1.31	40.12 2.48 -2.68	45.18 2.98 -0.25	60.51 3.26 0.00	55.10 3.46 0.00	45.63 3.69 0.00	35.65 2.78 -0.95	37.60 2.40 -6.57	38.19 2.47 -7.02	40.41 2.43 -9.72	35.69 2.50 -4.75	36.23 2.53 -4.93	49.81 2.55 -17.91	57.82 2.65 -24.01	66.06 3.31 -26.32	68.08 3.61 -22.48	70.60 4.71 -9.81	72.94 5.71 0.00	57.73 4.23 -0.56	48.17 3.40 -1.70	45.49 3.20 -1.83
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.35 1.91 0.00	38.51 1.62 0.00	35.48 1.40 0.00	35.22 1.35 0.00	36.32 1.36 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.10 1.76 0.00	33.03 1.87 0.00	38.76 2.33 0.00	44.42 2.44 0.00	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.35 1.91 0.00	38.55 1.66 0.00	35.48 1.40 0.00	35.22 1.35 0.00	36.32 1.36 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.93 1.67 0.00	30.18 1.74 0.00	30.53 1.76 0.00	31.10 1.76 0.00	33.03 1.87 0.00	38.76 2.33 0.00	44.42 2.44 0.00	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.35 1.91 0.00	38.51 1.62 0.00	35.48 1.40 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.77 1.85 0.00	30.23 1.60 0.00	30.40 1.69 0.00	29.93 1.67 0.00	30.15 1.71 0.00	30.53 1.76 0.00	31.10 1.76 0.00	33.00 1.84 0.00	38.76 2.33 0.00	44.38 2.39 0.00	59.16 3.08 0.00	71.32 4.10 0.00	55.74 2.81 0.00	45.31 2.24 0.00	42.49 2.02 0.00
FARRAGUT___LBMP 323566	43.31 1.86 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.18 1.32 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.82 2.58 0.00	54.33 2.69 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.67 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.07 1.73 0.00	32.97 1.81 0.00	38.72 2.29 0.00	44.34 2.35 0.00	59.11 3.03 0.00	71.32 4.10 0.00	55.74 2.81 0.00	45.27 2.20 0.00	42.45 1.98 0.00
FARRCKWY_69_KV_BK2 55825	44.47 3.03 0.00	39.82 2.80 -0.13	37.08 2.49 -0.51	37.61 2.44 -1.31	40.12 2.48 -2.68	45.18 2.98 -0.25	60.51 3.26 0.00	55.10 3.46 0.00	45.63 3.69 0.00	35.65 2.78 -0.95	37.60 2.40 -6.57	38.19 2.47 -7.02	40.41 2.43 -9.72	35.69 2.50 -4.75	36.23 2.53 -4.93	49.81 2.55 -17.91	57.82 2.65 -24.01	66.06 3.31 -26.32	68.08 3.61 -22.48	70.60 4.71 -9.81	72.94 5.71 0.00	57.73 4.23 -0.56	48.17 3.40 -1.70	45.49 3.20 -1.83
FENNER___WINDPWR 24204	42.71 0.58 -0.68	37.78 0.52 -0.37	34.70 0.48 -0.14	34.43 0.44 -0.13	35.72 0.56 -0.21	43.45 0.76 -0.74	59.72 1.08 -1.39	53.41 0.78 -1.00	42.72 0.51 -0.27	32.21 0.29 0.00	28.83 0.20 0.00	28.88 0.17 0.00	28.43 0.17 0.00	28.59 0.14 0.00	28.98 0.20 0.00	29.52 0.18 0.00	31.35 0.19 0.00	36.75 0.33 0.00	42.33 0.46 0.12	57.24 1.01 -0.15	69.36 1.21 -0.93	54.82 0.95 -0.93	44.12 0.69 -0.36	41.66 0.61 -0.59
FIBERTEK___ENERGY 23856	42.64 -0.33 -1.53	37.35 -0.37 -0.83	34.05 -0.34 -0.32	33.81 -0.34 -0.28	35.10 -0.31 -0.46	43.28 -0.34 -1.66	59.90 -0.46 -3.12	53.50 -0.36 -2.22	42.13 -0.42 -0.61	31.73 -0.19 0.00	28.51 -0.11 0.00	28.62 -0.09 0.00	28.18 -0.08 0.00	28.36 -0.09 0.00	28.66 -0.12 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.65 -0.34 0.00	56.78 -0.34 -1.03	68.76 -0.47 -2.00	54.52 -0.42 -2.01	43.65 -0.43 -1.01	41.33 -0.40 -1.27
FITZPATRICK___ 23598	31.49 -1.37 8.58	30.99 -1.25 4.64	31.15 -1.16 1.77	31.12 -1.15 1.59	31.23 -1.15 2.58	31.22 -1.38 9.34	37.80 -1.95 17.50	37.50 -1.65 12.49	37.10 -1.43 3.41	31.03 -0.89 0.00	27.88 -0.74 0.00	27.96 -0.75 0.00	27.53 -0.73 0.00	27.70 -0.74 0.00	28.00 -0.78 0.00	28.52 -0.82 0.00	30.29 -0.87 0.00	35.26 -1.17 0.00	40.56 -1.43 0.00	48.40 -1.80 5.88	53.60 -2.22 11.41	39.70 -1.80 11.44	35.80 -1.51 5.76	31.80 -1.42 7.25
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.35 1.91 0.00	38.59 1.70 0.00	35.58 1.50 0.00	35.32 1.46 0.00	36.43 1.47 0.00	43.71 1.76 0.00	59.93 2.69 0.00	54.22 2.58 0.00	44.20 2.26 0.00	33.42 1.50 0.00	29.89 1.26 0.00	30.03 1.32 0.00	29.59 1.33 0.00	29.84 1.39 0.00	30.21 1.44 0.00	30.87 1.53 0.00	32.72 1.56 0.00	38.43 2.00 0.00	44.17 2.18 0.00	59.11 3.03 0.00	70.99 3.76 0.00	55.64 2.70 0.00	45.27 2.20 0.00	42.45 1.98 0.00
FORT ORANGE___ 23900	42.35 0.91 0.00	37.70 0.81 0.00	34.90 0.82 0.00	34.67 0.81 0.00	35.76 0.80 0.00	42.96 1.01 0.00	58.62 1.37 0.00	52.62 0.98 0.00	42.82 0.88 0.00	32.43 0.51 0.00	29.08 0.46 0.00	29.16 0.46 0.00	28.66 0.40 0.00	28.84 0.40 0.00	29.18 0.40 0.00	29.84 0.50 0.00	31.69 0.53 0.00	37.15 0.73 0.00	42.91 0.92 0.00	57.20 1.12 0.00	68.43 1.21 0.00	54.10 1.16 0.00	44.02 0.95 0.00	41.35 0.89 0.00
FORT_DRUM_COGEN 23780	43.54 0.54 -1.56	38.43 0.70 -0.84	34.88 0.48 -0.32	34.59 0.44 -0.29	36.12 0.70 -0.47	44.95 1.30 -1.69	61.90 1.49 -3.17	54.16 0.26 -2.26	42.14 -0.42 -0.62	31.00 -0.93 0.00	27.68 -0.94 0.00	27.70 -1.00 0.00	27.16 -1.10 0.00	27.28 -1.17 0.00	27.85 -0.92 0.00	28.28 -1.06 0.00	30.04 -1.12 0.00	35.55 -0.87 0.00	41.78 -0.55 -0.34	58.79 0.45 -2.26	70.63 0.81 -2.60	56.50 0.95 -2.61	45.37 0.69 -1.61	42.60 0.49 -1.65
FOX_HILLS___ESR 323835	43.47 2.03 0.00	38.59 1.70 0.00	35.51 1.43 0.00	35.22 1.36 0.00	36.36 1.40 0.00	43.59 1.63 0.00	59.88 2.63 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.74 1.82 0.00	30.29 1.66 0.00	30.46 1.75 0.00	30.01 1.75 0.00	30.24 1.79 0.00	30.62 1.84 0.00	31.10 1.76 0.00	33.09 1.93 0.00	38.87 2.44 0.00	44.55 2.56 0.00	59.39 3.31 0.00	71.53 4.31 0.00	55.85 2.91 0.00	45.35 2.28 0.00	42.57 2.10 0.00
FPL FAR_ROCK_GT1 24212	44.47 3.02 0.00	39.82 2.80 -0.13	37.08 2.49 -0.51	37.61 2.44 -1.31	40.12 2.48 -2.68	45.18 2.98 -0.25	60.51 3.26 0.00	55.10 3.46 0.00	45.63 3.69 0.00	35.65 2.78 -0.95	37.60 2.40 -6.57	38.19 2.47 -7.02	40.41 2.43 -9.72	35.70 2.50 -4.75	36.23 2.53 -4.93	49.78 2.52 -17.91	57.82 2.65 -24.01	65.95 3.21 -26.32	68.03 3.57 -22.48	70.60 4.71 -9.81	72.93 5.71 0.00	57.73 4.24 -0.56	48.17 3.40 -1.70	45.49 3.20 -1.83



FPL FAR_ROCK_GT2 23815	44.47 3.02 0.00	39.82 2.80 -0.13	37.08 2.49 -0.51	37.61 2.44 -1.31	40.12 2.48 -2.68	45.18 2.98 -0.25	60.51 3.26 0.00	55.10 3.46 0.00	45.63 3.69 0.00	35.65 2.78 -0.95	37.60 2.40 -6.57	38.19 2.47 -7.02	40.41 2.43 -9.72	35.70 2.50 -4.75	36.23 2.53 -4.93	49.78 2.52 -17.91	57.82 2.65 -24.01	65.95 3.21 -26.32	68.03 3.57 -22.48	70.60 4.71 -9.81	72.93 5.71 0.00	57.73 4.24 -0.56	48.17 3.40 -1.70	45.49 3.20 -1.83
FRANKLIN_FALL_HYD 24054	41.57 0.12 0.00	37.11 0.22 0.00	34.28 0.20 0.00	34.03 0.17 0.00	35.03 0.07 0.00	42.24 0.29 0.00	57.64 0.40 0.00	51.80 0.15 0.00	41.94 0.00 0.00	31.70 -0.22 0.00	28.28 -0.34 0.00	28.28 -0.43 0.00	27.89 -0.37 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.16 -0.18 0.00	31.13 -0.03 0.00	36.57 0.15 0.00	42.19 0.21 0.00	56.36 0.28 0.00	67.90 0.67 0.00	53.36 0.42 0.00	43.55 0.47 0.00	40.87 0.40 0.00
FREEPORT_EQUS_GT1 23764	44.01 2.57 0.00	39.42 2.43 -0.09	36.74 2.15 -0.51	37.27 2.10 -1.31	39.77 2.13 -2.68	44.80 2.60 -0.25	59.82 2.58 0.00	54.48 2.84 0.00	45.21 3.27 0.00	35.33 2.46 -0.95	37.28 2.12 -6.54	36.21 2.21 -5.29	37.48 2.15 -7.07	35.38 2.22 -4.71	35.91 2.25 -4.89	44.60 2.23 -13.04	50.97 2.34 -17.47	58.34 2.77 -19.15	61.41 3.06 -16.36	67.20 3.98 -7.14	72.00 4.77 0.00	56.83 3.49 -0.40	47.28 2.97 -1.24	44.59 2.79 -1.33
FREEPORT___CT2 23818	44.01 2.57 0.00	39.42 2.43 -0.09	36.74 2.15 -0.51	37.27 2.10 -1.31	39.77 2.13 -2.68	44.80 2.60 -0.25	59.82 2.58 0.00	54.48 2.84 0.00	45.21 3.27 0.00	35.33 2.46 -0.95	37.28 2.12 -6.54	36.21 2.21 -5.29	37.48 2.15 -7.07	35.38 2.22 -4.71	35.91 2.25 -4.89	44.60 2.23 -13.04	50.97 2.34 -17.47	58.34 2.77 -19.15	61.41 3.06 -16.36	67.20 3.98 -7.14	72.00 4.77 0.00	56.83 3.49 -0.40	47.28 2.97 -1.24	44.59 2.79 -1.33
FRESHKLS_33_KV_LOAD 356253	43.55 2.11 0.00	38.66 1.77 0.00	35.58 1.50 0.00	35.28 1.42 0.00	36.42 1.47 0.00	43.67 1.72 0.00	59.99 2.75 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.77 1.85 0.00	30.31 1.69 0.00	30.49 1.78 0.00	30.04 1.78 0.00	30.27 1.82 0.00	30.64 1.87 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.67 2.69 0.00	59.56 3.48 0.00	71.73 4.50 0.00	55.95 3.02 0.00	45.44 2.37 0.00	42.65 2.18 0.00
FULTON COGEN____ 23766	43.30 -1.08 -2.93	37.44 -1.03 -1.59	33.73 -0.95 -0.61	33.46 -0.95 -0.54	34.89 -0.94 -0.88	44.05 -1.09 -3.19	61.74 -1.49 -5.98	54.62 -1.29 -4.27	41.97 -1.13 -1.17	31.15 -0.77 0.00	28.02 -0.60 0.00	28.13 -0.57 0.00	27.70 -0.57 0.00	27.87 -0.57 0.00	28.17 -0.60 0.00	28.70 -0.65 0.00	30.44 -0.72 0.00	35.44 -0.98 0.00	41.25 -1.13 -0.40	57.75 -1.40 -3.07	69.37 -1.68 -3.83	55.40 -1.38 -3.84	44.16 -1.21 -2.29	41.76 -1.13 -2.43
FULTON___LFGE 323630	43.89 2.44 0.00	39.03 2.14 0.00	36.06 1.98 0.00	35.86 2.00 0.00	37.05 2.10 0.00	44.60 2.64 0.00	60.96 3.72 0.00	53.97 2.33 0.00	42.73 0.79 0.00	31.95 0.03 0.00	28.51 -0.11 0.00	28.56 -0.14 0.00	28.12 -0.14 0.00	28.25 -0.20 0.00	28.69 -0.09 0.00	29.46 0.12 0.00	31.44 0.28 0.00	37.12 0.69 0.00	43.49 1.51 0.00	58.77 2.69 0.00	70.72 3.49 0.00	55.90 2.96 0.00	45.35 2.28 0.00	42.61 2.14 0.00
G.F.CEMENT___DRP 24184	43.89 2.45 0.00	39.03 2.14 0.00	36.06 1.98 0.00	35.86 2.00 0.00	37.05 2.10 0.00	44.51 2.56 0.00	61.02 3.78 0.00	54.69 3.05 0.00	43.95 2.01 0.00	33.13 1.21 0.00	29.63 1.00 0.00	29.68 0.98 0.00	29.17 0.90 0.00	29.13 0.68 0.00	29.47 0.69 0.00	30.22 0.88 0.00	32.00 0.84 0.00	37.70 1.27 0.00	43.83 1.85 0.00	57.65 1.57 0.00	69.11 1.88 0.00	55.00 2.06 0.00	44.62 1.55 0.00	42.04 1.58 0.00
GARDENVILLE___LBMP 24039	39.70 -1.74 0.00	34.75 -2.14 0.00	32.48 -1.60 0.00	32.47 -1.39 0.00	33.45 -1.50 0.00	39.35 -2.60 0.00	52.61 -4.64 0.00	48.59 -3.05 0.00	39.34 -2.60 0.00	30.52 -1.40 0.00	27.51 -1.12 0.00	27.47 -1.23 0.00	27.05 -1.22 0.00	27.08 -1.37 0.00	27.08 -1.70 0.00	26.99 -2.35 0.00	28.41 -2.74 0.01	33.24 -3.17 0.02	38.46 -3.02 0.50	50.55 -4.15 1.38	61.58 -5.65 0.00	48.23 -4.71 0.00	38.99 -3.62 0.47	37.35 -3.12 0.00
GARDNVLA_35_KV_LD 355827	39.91 -1.53 0.00	34.94 -1.96 0.00	32.65 -1.43 0.00	32.64 -1.22 0.00	33.66 -1.29 0.00	39.56 -2.39 0.00	52.89 -4.35 0.00	48.90 -2.74 0.00	39.59 -2.35 0.00	30.71 -1.21 0.00	27.71 -0.92 0.00	27.64 -1.06 0.00	27.22 -1.05 0.00	27.25 -1.19 0.00	27.28 -1.50 0.00	27.05 -2.29 0.00	28.50 -2.65 0.01	33.31 -3.10 0.02	38.54 -2.94 0.50	50.66 -4.04 1.38	61.78 -5.45 0.00	48.33 -4.61 0.00	39.12 -3.49 0.47	37.43 -3.03 0.00
GELCKHM__115KV_LOAD 80723	41.75 -0.62 -0.93	36.77 -0.63 -0.50	33.69 -0.58 -0.19	33.49 -0.54 -0.17	34.71 -0.52 -0.28	42.34 -0.63 -1.01	58.28 -0.86 -1.90	52.27 -0.72 -1.35	41.64 -0.67 -0.37	31.54 -0.38 0.00	28.37 -0.26 0.00	28.45 -0.26 0.00	28.01 -0.25 0.00	28.19 -0.26 0.00	28.49 -0.29 0.00	28.99 -0.35 0.00	30.78 -0.37 0.00	35.88 -0.55 0.00	41.12 -0.63 0.23	55.34 -0.73 0.01	67.50 -0.94 -1.21	53.36 -0.79 -1.22	42.74 -0.73 -0.41	40.55 -0.69 -0.77
GENERAL___MILLS 23808	39.78 -1.66 0.00	34.79 -2.10 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.52 -1.43 0.00	39.43 -2.52 0.00	52.72 -4.52 0.00	48.70 -2.94 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.57 -1.06 0.00	27.53 -1.18 0.00	27.10 -1.16 0.00	27.13 -1.31 0.00	27.16 -1.61 0.00	27.02 -2.32 0.00	28.44 -2.71 0.01	33.27 -3.13 0.02	38.50 -2.98 0.50	50.61 -4.09 1.38	61.64 -5.58 0.00	48.28 -4.66 0.00	39.03 -3.57 0.47	37.39 -3.08 0.00
GE_PLASTICS___DRP 24183	42.23 0.79 0.00	37.59 0.70 0.00	34.80 0.72 0.00	34.54 0.68 0.00	35.66 0.70 0.00	42.75 0.80 0.00	58.33 1.09 0.00	52.52 0.88 0.00	42.78 0.84 0.00	32.46 0.54 0.00	29.11 0.49 0.00	29.22 0.52 0.00	28.71 0.45 0.00	28.90 0.46 0.00	29.24 0.46 0.00	29.87 0.53 0.00	31.69 0.53 0.00	37.15 0.73 0.00	42.82 0.84 0.00	57.03 0.95 0.00	68.30 1.08 0.00	53.89 0.95 0.00	43.93 0.86 0.00	41.23 0.77 0.00
GILBOA___1 23756	42.40 0.95 0.00	37.85 0.96 0.00	34.96 0.88 0.00	34.71 0.85 0.00	35.83 0.87 0.00	42.83 0.88 0.00	58.56 1.32 0.00	52.78 1.13 0.00	43.07 1.13 0.00	32.69 0.76 0.00	29.28 0.66 0.00	29.39 0.69 0.00	28.94 0.68 0.00	29.12 0.68 0.00	29.50 0.72 0.00	30.04 0.70 0.00	31.91 0.75 0.00	37.37 0.95 0.00	43.03 1.05 0.00	57.37 1.29 0.00	68.64 1.41 0.00	54.16 1.22 0.00	44.11 1.03 0.00	41.39 0.93 0.00
GILBOA___2 23757	42.40 0.95 0.00	37.85 0.96 0.00	34.96 0.88 0.00	34.71 0.85 0.00	35.83 0.87 0.00	42.83 0.88 0.00	58.56 1.32 0.00	52.78 1.13 0.00	43.07 1.13 0.00	32.69 0.76 0.00	29.28 0.66 0.00	29.39 0.69 0.00	28.94 0.68 0.00	29.12 0.68 0.00	29.50 0.72 0.00	30.04 0.70 0.00	31.91 0.75 0.00	37.37 0.95 0.00	43.03 1.05 0.00	57.37 1.29 0.00	68.64 1.41 0.00	54.16 1.22 0.00	44.11 1.03 0.00	41.39 0.93 0.00

GILBOA___3 23758	42.40 0.95 0.00	37.85 0.96 0.00	34.96 0.88 0.00	34.71 0.85 0.00	35.83 0.87 0.00	42.83 0.88 0.00	58.56 1.32 0.00	52.78 1.13 0.00	43.07 1.13 0.00	32.69 0.76 0.00	29.28 0.66 0.00	29.39 0.69 0.00	28.94 0.68 0.00	29.12 0.68 0.00	29.50 0.72 0.00	30.04 0.70 0.00	31.91 0.75 0.00	37.37 0.95 0.00	43.03 1.05 0.00	57.37 1.29 0.00	68.64 1.41 0.00	54.16 1.22 0.00	44.11 1.03 0.00	41.39 0.93 0.00
GILBOA___4 23759	42.40 0.95 0.00	37.85 0.96 0.00	34.96 0.88 0.00	34.71 0.85 0.00	35.83 0.87 0.00	42.83 0.88 0.00	58.56 1.32 0.00	52.78 1.13 0.00	43.07 1.13 0.00	32.69 0.76 0.00	29.28 0.66 0.00	29.39 0.69 0.00	28.94 0.68 0.00	29.12 0.68 0.00	29.50 0.72 0.00	30.04 0.70 0.00	31.91 0.75 0.00	37.37 0.95 0.00	43.03 1.05 0.00	57.37 1.29 0.00	68.64 1.41 0.00	54.16 1.22 0.00	44.11 1.03 0.00	41.39 0.93 0.00
GILBOA___ 23599	42.39 0.95 0.00	37.85 0.96 0.00	34.97 0.89 0.00	34.71 0.85 0.00	35.83 0.87 0.00	42.83 0.88 0.00	58.56 1.32 0.00	52.78 1.14 0.00	43.07 1.13 0.00	32.69 0.77 0.00	29.28 0.66 0.00	29.40 0.69 0.00	28.94 0.68 0.00	29.13 0.68 0.00	29.49 0.72 0.00	30.07 0.73 0.00	31.91 0.75 0.00	37.41 0.98 0.00	43.03 1.05 0.00	57.37 1.29 0.00	68.64 1.41 0.00	54.16 1.22 0.00	44.11 1.03 0.00	41.39 0.93 0.00
GINNA___ 23603	38.83 -2.61 0.00	34.31 -2.58 0.00	31.73 -2.35 0.00	31.63 -2.24 0.00	32.72 -2.24 0.00	39.10 -2.85 0.00	53.07 -4.18 0.00	48.34 -3.31 0.00	39.09 -2.85 0.00	29.91 -2.01 0.00	26.88 -1.75 0.00	26.95 -1.75 0.00	26.54 -1.72 0.00	26.74 -1.71 0.00	26.91 -1.87 0.00	27.40 -1.94 0.00	28.88 -2.27 0.00	33.76 -2.66 0.01	38.54 -2.90 0.55	50.82 -3.76 1.50	62.32 -4.90 0.00	48.97 -3.97 0.00	39.26 -3.32 0.49	37.39 -3.08 0.00
GLEN PARK___ 23778	43.69 0.62 -1.63	38.55 0.78 -0.88	34.99 0.58 -0.34	34.70 0.54 -0.30	36.25 0.80 -0.49	45.31 1.59 -1.77	62.44 1.89 -3.31	54.52 0.52 -2.36	42.34 -0.25 -0.65	31.06 -0.86 0.00	27.71 -0.92 0.00	27.70 -1.01 0.00	27.19 -1.07 0.00	27.28 -1.17 0.00	27.85 -0.92 0.00	28.31 -1.03 0.00	30.07 -1.09 0.00	35.66 -0.77 0.00	41.56 -0.42 0.00	57.72 0.78 -0.85	70.09 1.21 -1.65	55.92 1.32 -1.66	44.85 0.95 -0.83	42.20 0.69 -1.05
GLENDALE_27_KV_LOAD 356172	43.47 2.03 0.00	38.59 1.70 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.66 2.73 0.00	33.87 1.95 0.00	30.37 1.75 0.00	30.54 1.84 0.00	30.10 1.84 0.00	30.32 1.88 0.00	30.67 1.90 0.00	31.22 1.88 0.00	33.15 1.99 0.00	38.90 2.48 0.00	44.55 2.56 0.00	59.39 3.31 0.00	71.53 4.30 0.00	55.85 2.91 0.00	45.35 2.28 0.00	42.53 2.06 0.00
GLENWOOD_IC_1_G5 23712	43.80 2.36 0.00	39.14 2.14 -0.11	36.50 1.91 -0.51	37.00 1.83 -1.31	39.53 1.89 -2.68	44.46 2.27 -0.25	59.99 2.75 0.00	54.53 2.89 0.00	45.00 3.06 0.00	35.11 2.23 -0.95	37.13 1.95 -6.56	37.06 2.04 -6.32	38.91 2.01 -8.65	35.23 2.05 -4.73	35.79 2.10 -4.91	47.38 2.11 -15.93	54.70 2.18 -21.36	62.42 2.59 -23.41	64.71 2.73 -19.99	68.34 3.53 -8.73	71.59 4.37 0.00	56.77 3.34 -0.49	47.34 2.76 -1.51	44.60 2.51 -1.63
GLENWOOD_IC_2_G1 23688	43.51 2.07 0.00	38.78 1.88 -0.01	36.26 1.67 -0.51	36.76 1.59 -1.31	39.28 1.64 -2.68	44.17 1.97 -0.25	59.76 2.52 0.00	54.32 2.68 0.00	44.71 2.77 0.00	34.85 1.98 -0.95	36.82 1.75 -6.45	31.46 1.81 -0.95	30.44 1.78 -0.40	34.89 1.82 -4.63	35.45 1.87 -4.80	31.93 1.85 -0.74	34.11 1.96 -0.99	39.91 2.40 -1.08	45.47 2.56 -0.92	59.79 3.31 -0.40	71.39 4.17 0.00	55.98 3.02 -0.02	45.55 2.41 -0.07	42.76 2.22 -0.08
GLENWOOD_IC_3_G1 23689	43.51 2.07 0.00	38.78 1.88 -0.01	36.26 1.67 -0.51	36.76 1.59 -1.31	39.28 1.64 -2.68	44.17 1.97 -0.25	59.76 2.52 0.00	54.32 2.68 0.00	44.71 2.77 0.00	34.85 1.98 -0.95	36.82 1.75 -6.45	31.46 1.81 -0.95	30.44 1.78 -0.40	34.89 1.82 -4.63	35.45 1.87 -4.80	31.93 1.85 -0.74	34.11 1.96 -0.99	39.91 2.40 -1.08	45.47 2.56 -0.92	59.79 3.31 -0.40	71.39 4.17 0.00	55.98 3.02 -0.02	45.55 2.41 -0.07	42.76 2.22 -0.08
GLENWOOD___4 23550	43.80 2.36 0.00	39.14 2.14 -0.11	36.50 1.91 -0.51	37.00 1.83 -1.31	39.53 1.89 -2.68	44.46 2.27 -0.25	59.99 2.75 0.00	54.53 2.89 0.00	45.00 3.06 0.00	35.11 2.23 -0.95	37.13 1.95 -6.56	37.06 2.04 -6.32	38.91 2.01 -8.65	35.23 2.05 -4.73	35.79 2.10 -4.91	47.38 2.11 -15.93	54.70 2.18 -21.36	62.45 2.62 -23.41	64.75 2.77 -19.99	68.40 3.59 -8.73	71.66 4.44 0.00	56.77 3.34 -0.49	47.34 2.76 -1.51	44.60 2.51 -1.63
GLENWOOD___5 23614	43.80 2.36 0.00	39.14 2.14 -0.11	36.50 1.91 -0.51	37.00 1.83 -1.31	39.53 1.89 -2.68	44.46 2.27 -0.25	59.99 2.75 0.00	54.53 2.89 0.00	45.00 3.06 0.00	35.11 2.23 -0.95	37.13 1.95 -6.56	37.06 2.04 -6.32	38.91 2.01 -8.65	35.23 2.05 -4.73	35.79 2.10 -4.91	47.38 2.11 -15.93	54.70 2.18 -21.36	62.45 2.62 -23.41	64.75 2.77 -19.99	68.40 3.59 -8.73	71.66 4.44 0.00	56.77 3.34 -0.49	47.34 2.76 -1.51	44.60 2.51 -1.63
GLOBAL GREEN_PORT_GT1 23814	43.06 1.61 0.00	38.66 1.70 -0.07	36.29 1.70 -0.51	36.89 1.73 -1.31	39.56 1.92 -2.68	44.63 2.43 -0.25	60.97 1.55 -2.18	54.78 2.12 -1.02	44.79 2.85 0.00	35.14 2.27 -0.95	37.00 1.86 -6.52	34.77 1.84 -4.22	35.24 1.55 -5.43	34.81 1.68 -4.69	35.37 1.73 -4.87	40.92 1.58 -10.00	46.56 2.00 -13.40	54.97 2.48 -16.06	59.36 2.52 -14.86	68.43 3.03 -9.32	75.58 3.16 -5.19	57.60 2.44 -2.23	46.09 2.07 -0.95	43.59 2.10 -1.02
GLOBE___DSASP 323697	38.50 -2.94 0.00	33.68 -3.21 0.00	31.46 -2.62 0.00	31.46 -2.40 0.00	32.47 -2.48 0.00	38.01 -3.94 0.00	50.55 -6.70 0.00	46.94 -4.70 0.00	38.04 -3.90 0.00	29.62 -2.30 0.00	26.74 -1.89 0.00	26.70 -2.01 0.00	26.31 -1.95 0.00	26.37 -2.08 0.00	26.40 -2.36 0.02	26.20 -3.14 0.00	27.57 -3.58 0.01	32.00 -4.41 0.02	37.13 -4.32 0.53	48.63 -6.00 1.44	59.29 -7.93 0.00	46.53 -6.41 0.00	37.42 -5.17 0.49	36.13 -4.33 0.00
GOETHSLN___LBMP 323567	43.18 1.74 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.71 2.46 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.68 1.76 0.00	30.17 1.55 0.00	30.31 1.61 0.00	29.87 1.61 0.00	30.09 1.65 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.94 1.78 0.00	38.65 2.22 0.00	44.25 2.27 0.00	59.00 2.92 0.00	71.12 3.90 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.32 1.86 0.00
GOLAH___69_KV_TB 1_2 80279	40.70 -0.75 0.00	35.86 -1.03 0.00	33.26 -0.82 0.00	33.19 -0.68 0.00	34.29 -0.66 0.00	40.82 -1.13 0.00	55.18 -2.06 0.00	50.45 -1.19 0.00	40.72 -1.22 0.00	31.25 -0.67 0.00	28.08 -0.54 0.00	28.08 -0.63 0.00	27.64 -0.62 0.00	27.73 -0.71 0.00	27.85 -0.92 0.00	28.05 -1.29 0.00	29.66 -1.50 0.00	34.56 -1.86 0.01	39.78 -1.64 0.56	52.40 -2.13 1.54	64.20 -3.03 0.00	50.50 -2.44 0.00	40.41 -2.15 0.51	38.64 -1.82 0.00

GOODYEAR_LAKE_HYD 323669	43.19 1.49 -0.25	38.43 1.40 -0.14	35.36 1.23 -0.05	35.13 1.22 -0.05	36.36 1.33 -0.08	43.86 1.64 -0.27	60.16 2.40 -0.51	53.92 1.91 -0.37	43.47 1.43 -0.10	32.81 0.89 0.00	29.31 0.69 0.00	29.40 0.69 0.00	28.97 0.71 0.00	29.13 0.68 0.00	29.55 0.78 0.00	30.10 0.76 0.00	31.97 0.81 0.00	37.60 1.17 -0.01	43.37 1.39 0.00	58.49 2.24 -0.17	70.31 2.76 -0.33	55.43 2.17 -0.33	44.96 1.72 -0.17	42.25 1.58 -0.21
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.36 0.29 -0.62	37.41 0.18 -0.34	34.41 0.20 -0.13	34.18 0.20 -0.12	35.39 0.24 -0.19	42.84 0.21 -0.68	58.75 0.23 -1.27	52.91 0.36 -0.91	42.44 0.25 -0.25	32.14 0.22 0.00	28.83 0.20 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.43 0.09 0.00	31.23 0.06 -0.01	36.59 0.15 -0.02	42.10 0.25 0.14	56.57 0.45 -0.04	68.51 0.47 -0.82	54.02 0.26 -0.82	43.56 0.17 -0.31	41.14 0.16 -0.52
GOUDEY___7 23579	42.36 0.29 -0.62	37.41 0.18 -0.34	34.41 0.20 -0.13	34.18 0.20 -0.12	35.39 0.24 -0.19	42.84 0.21 -0.68	58.75 0.23 -1.27	52.91 0.36 -0.91	42.44 0.25 -0.25	32.14 0.22 0.00	28.83 0.20 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.43 0.09 0.00	31.23 0.06 -0.01	36.59 0.15 -0.02	42.10 0.25 0.14	56.57 0.45 -0.04	68.51 0.47 -0.82	54.02 0.26 -0.82	43.56 0.17 -0.31	41.14 0.16 -0.52
GOUDEY___8 23580	42.36 0.29 -0.62	37.41 0.18 -0.34	34.41 0.20 -0.13	34.18 0.20 -0.12	35.39 0.24 -0.19	42.84 0.21 -0.68	58.75 0.23 -1.27	52.91 0.36 -0.91	42.44 0.25 -0.25	32.14 0.22 0.00	28.83 0.20 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.43 0.09 0.00	31.23 0.06 -0.01	36.59 0.15 -0.02	42.10 0.25 0.14	56.57 0.45 -0.04	68.51 0.47 -0.82	54.02 0.26 -0.82	43.56 0.17 -0.31	41.14 0.16 -0.52
GOWANUS_GT1_1 24077	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT1_2 24078	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT1_3 24079	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT1_4 24080	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT1_5 24084	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT1_6 24111	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT1_7 24112	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT1_8 24113	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT2_1 24114	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT2_2 24115	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT2_3 24116	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00

GOWANUS_GT2_4 24117	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT2_5 24118	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT2_6 24119	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT2_7 24120	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT2_8 24121	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_1 24122	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_2 24123	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_3 24124	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_4 24125	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_5 24126	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_6 24127	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_7 24128	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT3_8 24129	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
GOWANUS_GT4_1 24130	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT4_2 24131	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00

GOWANUS_GT4_3 24132	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT4_4 24133	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT4_5 24134	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT4_6 24135	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT4_7 24136	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GOWANUS_GT4_8 24137	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GREATVR_69_KV_BK1 356245	44.26 2.82 0.00	39.66 2.69 -0.07	37.04 2.45 -0.51	37.57 2.40 -1.31	40.12 2.48 -2.68	45.22 3.02 -0.25	61.63 2.69 -1.70	55.49 3.05 -0.80	45.50 3.56 0.00	35.58 2.71 -0.95	37.49 2.35 -6.52	35.45 2.44 -4.31	36.17 2.35 -5.56	35.58 2.45 -4.69	36.15 2.50 -4.87	42.05 2.46 -10.24	47.60 2.71 -13.73	55.93 3.39 -16.12	60.17 3.53 -14.65	69.23 4.54 -8.61	76.45 5.18 -4.05	58.67 3.92 -1.81	47.32 3.27 -0.97	44.63 3.12 -1.05
GREENBSH_115KV_TB3 55895	42.15 0.70 0.00	37.52 0.63 0.00	34.73 0.65 0.00	34.51 0.64 0.00	35.59 0.63 0.00	42.75 0.80 0.00	58.27 1.03 0.00	52.42 0.77 0.00	42.74 0.80 0.00	32.40 0.48 0.00	29.06 0.43 0.00	29.17 0.46 0.00	28.66 0.40 0.00	28.81 0.37 0.00	29.18 0.40 0.00	29.81 0.47 0.00	31.63 0.47 0.00	37.08 0.66 0.00	42.78 0.80 0.00	56.92 0.84 0.00	68.10 0.87 0.00	53.78 0.85 0.00	43.85 0.78 0.00	41.15 0.69 0.00
GREENDGE_115KV_TB5 80291	41.54 -0.33 -0.43	36.42 -0.70 -0.23	33.73 -0.44 -0.09	33.60 -0.34 -0.08	34.77 -0.31 -0.13	41.84 -0.59 -0.47	56.64 -1.49 -0.88	51.39 -0.88 -0.63	41.31 -0.80 -0.17	31.41 -0.51 0.00	28.20 -0.43 0.00	28.22 -0.49 0.00	27.78 -0.48 0.00	27.93 -0.51 0.00	28.08 -0.69 0.00	28.37 -0.97 0.00	30.12 -1.03 0.01	35.31 -1.09 0.03	40.93 -0.71 0.34	54.42 -1.01 0.65	66.29 -1.48 -0.55	52.01 -1.48 -0.55	42.03 -0.99 0.05	39.96 -0.85 -0.35
GREENIDGE___3 23582	41.54 -0.33 -0.43	36.42 -0.70 -0.23	33.73 -0.44 -0.09	33.60 -0.34 -0.08	34.77 -0.31 -0.13	41.84 -0.59 -0.47	56.64 -1.49 -0.88	51.39 -0.88 -0.63	41.31 -0.80 -0.17	31.41 -0.51 0.00	28.20 -0.43 0.00	28.22 -0.49 0.00	27.78 -0.48 0.00	27.93 -0.51 0.00	28.08 -0.69 0.00	28.37 -0.97 0.00	30.12 -1.03 0.01	35.31 -1.09 0.03	40.93 -0.71 0.34	54.42 -1.01 0.65	66.29 -1.48 -0.55	52.01 -1.48 -0.55	42.03 -0.99 0.05	39.96 -0.85 -0.35
GREENIDGE___4 23583	41.54 -0.33 -0.43	36.42 -0.70 -0.23	33.73 -0.44 -0.09	33.60 -0.34 -0.08	34.77 -0.32 -0.13	41.84 -0.59 -0.47	56.64 -1.49 -0.88	51.39 -0.88 -0.63	41.31 -0.80 -0.17	31.41 -0.51 0.00	28.20 -0.43 0.00	28.22 -0.49 0.00	27.78 -0.48 0.00	27.93 -0.51 0.00	28.08 -0.69 0.00	28.58 -0.76 0.00	30.09 -1.06 0.01	35.31 -1.09 0.03	40.94 -0.71 0.33	54.47 -1.01 0.60	66.33 -1.48 -0.59	52.04 -1.48 -0.59	42.10 -0.95 0.02	39.98 -0.85 -0.37
GREENLWN_69_KV_BK 3 55738	43.68 2.24 0.00	39.10 2.14 -0.07	36.50 1.91 -0.51	37.00 1.83 -1.31	39.53 1.89 -2.68	44.51 2.31 -0.25	56.96 1.72 2.00	52.77 2.07 0.94	44.87 2.94 0.00	35.11 2.23 -0.95	37.09 1.95 -6.52	35.00 2.01 -4.29	35.74 1.95 -5.53	35.18 2.05 -4.69	35.72 2.07 -4.87	41.62 2.08 -10.19	46.94 2.12 -13.66	52.65 2.51 -13.71	55.17 2.52 -10.67	61.33 3.20 -2.05	66.15 3.70 4.77	54.24 2.75 1.45	46.62 2.58 -0.97	44.01 2.51 -1.04
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00
GRISSOM___SOLAR 323813	43.72 2.28 0.00	38.92 2.03 0.00	35.92 1.84 0.00	35.72 1.86 0.00	36.95 1.99 0.00	44.38 2.43 0.00	60.68 3.43 0.00	53.76 2.12 0.00	42.65 0.71 0.00	31.92 0.00 0.00	28.48 -0.14 0.00	28.54 -0.17 0.00	28.07 -0.20 0.00	28.19 -0.26 0.00	28.63 -0.14 0.00	29.43 0.09 0.00	31.38 0.22 0.00	37.01 0.58 0.00	43.41 1.43 0.00	58.66 2.58 0.00	70.52 3.29 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.49 2.02 0.00
GROVEVILLE___HYD 323602	43.35 1.91 0.00	38.59 1.70 0.00	35.58 1.50 0.00	35.32 1.46 0.00	36.43 1.47 0.00	43.71 1.76 0.00	59.93 2.69 0.00	54.22 2.58 0.00	44.20 2.26 0.00	33.42 1.50 0.00	29.89 1.26 0.00	30.03 1.32 0.00	29.59 1.33 0.00	29.84 1.39 0.00	30.21 1.44 0.00	30.87 1.53 0.00	32.72 1.56 0.00	38.43 2.00 0.00	44.17 2.18 0.00	59.11 3.03 0.00	70.99 3.76 0.00	55.64 2.70 0.00	45.27 2.20 0.00	42.45 1.98 0.00

GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.64 -0.33 -1.53	37.35 -0.37 -0.83	34.05 -0.34 -0.32	33.81 -0.34 -0.28	35.10 -0.31 -0.46	43.28 -0.34 -1.66	59.90 -0.46 -3.12	53.50 -0.36 -2.22	42.13 -0.42 -0.61	31.73 -0.19 0.00	28.51 -0.11 0.00	28.62 -0.09 0.00	28.18 -0.08 0.00	28.36 -0.09 0.00	28.66 -0.12 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.65 -0.34 0.00	56.78 -0.34 -1.03	68.76 -0.47 -2.00	54.52 -0.42 -2.01	43.65 -0.43 -1.01	41.33 -0.40 -1.27
HAMLTNNY_34_KV_TB 80303	42.76 -0.21 -1.52	37.42 -0.30 -0.82	34.12 -0.27 -0.31	33.87 -0.27 -0.28	35.21 -0.21 -0.46	43.36 -0.25 -1.66	59.95 -0.40 -3.11	53.65 -0.21 -2.22	42.21 -0.34 -0.61	31.76 -0.16 0.00	28.54 -0.09 0.00	28.62 -0.09 0.00	28.20 -0.06 0.00	28.39 -0.06 0.00	28.66 -0.12 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.73 -0.25 0.00	56.89 -0.22 -1.03	68.89 -0.34 -2.00	54.57 -0.37 -2.01	43.69 -0.39 -1.01	41.37 -0.36 -1.27
HAMPSHIRE___PAPER_HYD 323593	41.43 -0.66 -0.66	36.80 -0.44 -0.35	33.74 -0.48 -0.14	33.51 -0.47 -0.12	34.70 -0.46 -0.20	42.46 -0.21 -0.71	58.12 -0.46 -1.34	51.51 -1.09 -0.95	41.03 -1.17 -0.26	30.68 -1.25 0.00	27.42 -1.20 0.00	27.44 -1.26 0.00	26.96 -1.30 0.00	27.14 -1.31 0.00	27.57 -1.21 0.00	28.11 -1.23 0.00	29.91 -1.25 0.00	35.15 -1.28 0.00	40.77 -1.22 0.00	55.36 -1.07 -0.35	66.89 -1.01 -0.67	52.92 -0.69 -0.68	42.98 -0.43 -0.34	40.45 -0.44 -0.43
HARDSCRABBLE_WT_PWR 323673	41.15 -0.29 0.00	36.71 -0.18 0.00	33.91 -0.17 0.00	33.73 -0.13 0.00	34.92 -0.03 0.00	42.03 0.08 0.00	57.47 0.23 0.00	51.69 0.05 0.00	41.94 0.00 0.00	31.79 -0.13 0.00	28.37 -0.26 0.00	28.33 -0.37 0.00	27.81 -0.45 0.00	27.90 -0.54 0.00	28.20 -0.58 0.00	28.55 -0.79 0.00	30.38 -0.78 0.00	35.66 -0.77 0.00	41.31 -0.67 0.00	55.57 -0.51 0.00	66.68 -0.54 0.00	52.78 -0.16 0.00	43.29 0.22 0.00	40.75 0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.18 1.74 0.00	38.40 1.51 0.00	35.41 1.33 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.71 2.46 0.00	54.02 2.38 0.00	44.12 2.18 0.00	33.42 1.50 0.00	29.89 1.26 0.00	30.03 1.32 0.00	29.56 1.30 0.00	29.84 1.39 0.00	30.19 1.41 0.00	30.84 1.50 0.00	32.69 1.53 0.00	38.39 1.97 0.00	44.08 2.10 0.00	59.00 2.92 0.00	70.85 3.63 0.00	55.48 2.54 0.00	45.10 2.02 0.00	42.28 1.82 0.00
HARSNRAD_115KV_TB1 81005	39.29 -2.15 0.00	34.38 -2.51 0.00	32.14 -1.94 0.00	32.14 -1.73 0.00	33.14 -1.82 0.00	38.85 -3.10 0.00	51.81 -5.44 0.00	48.03 -3.61 0.00	38.88 -3.06 0.00	30.17 -1.76 0.00	27.22 -1.40 0.00	27.19 -1.52 0.00	26.76 -1.50 0.00	26.82 -1.62 0.00	26.85 -1.93 0.00	26.70 -2.64 0.00	28.10 -3.05 0.01	32.73 -3.68 0.02	37.97 -3.48 0.53	49.81 -4.82 1.45	60.77 -6.45 0.00	47.64 -5.29 0.00	38.32 -4.26 0.49	36.90 -3.56 0.00
HARZA MOOSE___RIVER 24016	42.65 0.58 -0.63	37.86 0.63 -0.34	34.72 0.51 -0.13	34.45 0.47 -0.12	35.78 0.63 -0.19	43.69 1.05 -0.69	59.85 1.32 -1.29	53.13 0.57 -0.92	42.36 0.17 -0.25	31.70 -0.22 0.00	28.34 -0.29 0.00	28.36 -0.34 0.00	27.81 -0.45 0.00	27.96 -0.48 0.00	28.43 -0.35 0.00	28.93 -0.41 0.00	30.69 -0.47 0.00	36.17 -0.25 0.00	41.98 0.00 0.00	57.39 0.79 -0.52	69.32 1.08 -1.02	55.02 1.06 -1.02	44.40 0.82 -0.51	41.76 0.65 -0.65
HDSNBRDG_115KV_BRDG_TB1 355580	41.64 -0.58 -0.78	36.72 -0.59 -0.42	33.70 -0.55 -0.16	33.46 -0.54 -0.14	34.67 -0.52 -0.23	42.17 -0.63 -0.85	57.97 -0.86 -1.59	52.10 -0.67 -1.13	41.62 -0.63 -0.31	31.57 -0.35 0.00	28.40 -0.23 0.00	28.48 -0.23 0.00	28.06 -0.20 0.00	28.22 -0.23 0.00	28.52 -0.26 0.00	29.05 -0.29 0.00	30.82 -0.34 0.00	35.92 -0.51 0.00	41.14 -0.59 0.26	55.22 -0.67 0.18	67.37 -0.87 -1.02	53.22 -0.74 -1.02	42.67 -0.69 -0.29	40.46 -0.65 -0.65
HELLGATE_13_KV_LD 55870	43.43 1.99 0.00	38.59 1.70 0.00	35.55 1.47 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.84 1.92 0.00	30.37 1.75 0.00	30.54 1.84 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.87 2.44 0.00	44.50 2.52 0.00	59.33 3.25 0.00	71.46 4.24 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.53 2.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.43 1.99 0.00	38.59 1.70 0.00	35.55 1.47 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.84 1.92 0.00	30.37 1.75 0.00	30.54 1.84 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.87 2.44 0.00	44.50 2.52 0.00	59.33 3.25 0.00	71.46 4.24 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.53 2.06 0.00
HEMPSTEAD____ 23647	43.89 2.44 0.00	39.28 2.29 -0.10	36.64 2.04 -0.51	37.13 1.96 -1.31	39.67 2.03 -2.68	44.63 2.43 -0.25	59.82 2.58 0.00	54.43 2.79 0.00	45.09 3.15 0.00	35.23 2.36 -0.95	37.23 2.06 -6.55	36.54 2.12 -5.71	38.06 2.09 -7.71	35.30 2.13 -4.72	35.86 2.19 -4.90	45.68 2.14 -14.20	52.44 2.24 -19.04	59.99 2.70 -20.86	62.70 2.89 -17.82	67.62 3.76 -7.78	71.73 4.50 0.00	56.77 3.39 -0.44	47.26 2.84 -1.35	44.58 2.67 -1.45
HICKLING___1 23621	41.08 -0.75 -0.38	35.92 -1.18 -0.21	33.37 -0.78 -0.08	33.29 -0.64 -0.07	34.41 -0.66 -0.11	41.15 -1.22 -0.41	55.79 -2.23 -0.78	50.85 -1.34 -0.55	40.66 -1.43 -0.15	31.09 -0.83 0.00	27.97 -0.66 0.00	28.02 -0.69 0.00	27.58 -0.68 0.00	27.68 -0.77 0.00	27.80 -0.98 0.00	27.90 -1.44 0.00	29.52 -1.62 0.02	34.63 -1.75 0.05	40.23 -1.43 0.32	53.82 -1.63 0.64	65.42 -2.29 -0.48	51.15 -2.28 -0.49	41.26 -1.72 0.09	39.23 -1.54 -0.31
HICKLING___2 23622	41.08 -0.75 -0.38	35.92 -1.18 -0.21	33.37 -0.78 -0.08	33.29 -0.64 -0.07	34.41 -0.66 -0.11	41.15 -1.22 -0.41	55.79 -2.23 -0.78	50.85 -1.34 -0.55	40.66 -1.43 -0.15	31.09 -0.83 0.00	27.97 -0.66 0.00	28.02 -0.69 0.00	27.58 -0.68 0.00	27.68 -0.77 0.00	27.80 -0.98 0.00	27.90 -1.44 0.00	29.52 -1.62 0.02	34.63 -1.75 0.05	40.23 -1.43 0.32	53.82 -1.63 0.64	65.42 -2.29 -0.48	51.15 -2.28 -0.49	41.26 -1.72 0.09	39.23 -1.54 -0.31
HIGH FALLS___HY 23754	43.39 1.95 0.00	38.66 1.77 0.00	35.61 1.53 0.00	35.35 1.49 0.00	36.50 1.54 0.00	43.80 1.85 0.00	60.11 2.86 0.00	54.38 2.74 0.00	44.29 2.35 0.00	33.48 1.56 0.00	29.91 1.29 0.00	30.06 1.35 0.00	29.62 1.36 0.00	29.87 1.42 0.00	30.24 1.47 0.00	30.90 1.56 0.00	32.78 1.62 0.00	38.54 2.11 0.00	44.29 2.31 0.00	59.50 3.42 0.00	71.39 4.17 0.00	55.85 2.91 0.00	45.44 2.37 0.00	42.61 2.14 0.00
HIGH_RIVER___SOLAR 323847	43.60 2.15 0.00	38.81 1.92 0.00	35.82 1.74 0.00	35.62 1.76 0.00	36.81 1.85 0.00	44.26 2.31 0.00	60.39 3.15 0.00	53.55 1.91 0.00	42.73 0.79 0.00	32.11 0.19 0.00	28.68 0.06 0.00	28.74 0.03 0.00	28.29 0.03 0.00	28.41 -0.03 0.00	28.83 0.06 0.00	29.52 0.18 0.00	31.63 0.47 0.00	37.08 0.66 0.00	43.16 1.17 0.00	57.93 1.85 0.00	69.51 2.29 0.00	54.90 1.96 0.00	44.62 1.55 0.00	41.92 1.45 0.00

HILLBURN___GT 23639	43.14 1.70 0.00	38.37 1.48 0.00	35.37 1.29 0.00	35.12 1.25 0.00	36.21 1.26 0.00	43.50 1.55 0.00	59.65 2.40 0.00	54.07 2.43 0.00	44.24 2.31 0.00	33.52 1.60 0.00	30.00 1.37 0.00	30.14 1.43 0.00	29.70 1.44 0.00	29.92 1.48 0.00	30.30 1.52 0.00	30.87 1.52 0.00	32.75 1.59 0.00	38.43 2.00 0.00	44.12 2.14 0.00	58.94 2.86 0.00	70.92 3.69 0.00	55.48 2.54 0.00	45.05 1.98 0.00	42.29 1.82 0.00
HILLSIDE_115KV_TB1 80332	40.55 -1.28 -0.40	35.41 -1.70 -0.21	32.93 -1.23 -0.08	32.85 -1.08 -0.07	33.92 -1.15 -0.12	40.54 -1.85 -0.43	55.02 -3.03 -0.81	50.15 -2.07 -0.58	40.17 -1.93 -0.16	30.74 -1.18 0.00	27.65 -0.97 0.00	27.67 -1.03 0.00	27.24 -1.02 0.00	27.33 -1.11 0.00	27.45 -1.32 0.00	27.55 -1.79 0.00	29.11 -2.03 0.02	34.19 -2.19 0.05	39.70 -1.97 0.31	53.08 -2.41 0.59	64.57 -3.16 -0.51	50.43 -3.02 -0.51	40.72 -2.28 0.07	38.72 -2.06 -0.32
HISHELDN_WT_PWR 323625	39.78 -1.66 0.00	34.83 -2.07 0.00	32.55 -1.53 0.00	32.51 -1.36 0.00	33.56 -1.40 0.00	39.52 -2.43 0.00	52.95 -4.29 0.00	48.75 -2.89 0.00	39.34 -2.60 0.00	30.42 -1.50 0.00	27.40 -1.23 0.00	27.39 -1.32 0.00	26.96 -1.30 0.00	27.05 -1.39 0.00	27.05 -1.73 0.00	27.40 -1.94 0.00	28.44 -2.71 0.01	33.31 -3.10 0.02	38.62 -2.90 0.47	51.04 -3.76 1.28	62.11 -5.11 0.00	48.60 -4.34 0.00	39.32 -3.32 0.44	37.55 -2.91 0.00
HOLTSVILLE_IC_1 23690	43.72 2.28 0.00	39.21 2.25 -0.07	36.70 2.11 -0.51	37.20 2.03 -1.31	39.81 2.17 -2.68	44.76 2.56 -0.25	61.41 1.95 -2.22	55.01 2.33 -1.04	44.96 3.02 0.00	35.23 2.36 -0.95	37.17 2.03 -6.52	35.08 2.15 -4.22	35.69 2.01 -5.42	35.27 2.13 -4.69	35.83 2.19 -4.87	41.41 2.08 -9.99	46.88 2.34 -13.39	55.26 2.77 -16.07	59.76 2.89 -14.88	69.06 3.59 -9.39	76.48 3.97 -5.29	58.17 2.96 -2.27	46.69 2.67 -0.95	44.08 2.59 -1.02
HOLTSVILLE_IC_10 23699	43.89 2.44 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.51 2.17 -2.09	55.20 2.58 -0.98	45.12 3.19 0.00	35.39 2.52 -0.95	37.29 2.15 -6.52	35.21 2.27 -4.24	35.83 2.12 -5.45	35.41 2.28 -4.69	35.98 2.33 -4.87	41.59 2.20 -10.04	47.12 2.49 -13.46	55.48 2.99 -16.07	59.95 3.15 -14.82	69.19 3.92 -9.19	76.57 4.37 -4.98	58.37 3.28 -2.15	46.87 2.84 -0.95	44.24 2.75 -1.03
HOLTSVILLE_IC_2 23691	43.72 2.28 0.00	39.21 2.25 -0.07	36.70 2.11 -0.51	37.20 2.03 -1.31	39.81 2.17 -2.68	44.76 2.56 -0.25	61.41 1.95 -2.22	55.01 2.33 -1.04	44.96 3.02 0.00	35.23 2.36 -0.95	37.17 2.03 -6.52	35.08 2.15 -4.22	35.69 2.01 -5.42	35.27 2.13 -4.69	35.83 2.19 -4.87	41.41 2.08 -9.99	46.88 2.34 -13.39	55.26 2.77 -16.07	59.76 2.89 -14.88	69.06 3.59 -9.39	76.48 3.97 -5.29	58.17 2.96 -2.27	46.69 2.67 -0.95	44.08 2.59 -1.02
HOLTSVILLE_IC_3 23692	43.72 2.28 0.00	39.21 2.25 -0.07	36.70 2.11 -0.51	37.20 2.03 -1.31	39.81 2.17 -2.68	44.76 2.56 -0.25	61.41 1.95 -2.22	55.01 2.33 -1.04	44.96 3.02 0.00	35.23 2.36 -0.95	37.17 2.03 -6.52	35.08 2.15 -4.22	35.69 2.01 -5.42	35.27 2.13 -4.69	35.83 2.19 -4.87	41.41 2.08 -9.99	46.88 2.34 -13.39	55.26 2.77 -16.07	59.76 2.89 -14.88	69.06 3.59 -9.39	76.48 3.97 -5.29	58.17 2.96 -2.27	46.69 2.67 -0.95	44.08 2.59 -1.02
HOLTSVILLE_IC_4 23693	43.72 2.28 0.00	39.21 2.25 -0.07	36.70 2.11 -0.51	37.20 2.03 -1.31	39.81 2.17 -2.68	44.76 2.56 -0.25	61.41 1.95 -2.22	55.01 2.33 -1.04	44.96 3.02 0.00	35.23 2.36 -0.95	37.17 2.03 -6.52	35.08 2.15 -4.22	35.69 2.01 -5.42	35.27 2.13 -4.69	35.83 2.19 -4.87	41.41 2.08 -9.99	46.88 2.34 -13.39	55.26 2.77 -16.07	59.76 2.89 -14.88	69.06 3.59 -9.39	76.48 3.97 -5.29	58.17 2.96 -2.27	46.69 2.67 -0.95	44.08 2.59 -1.02
HOLTSVILLE_IC_5 23694	43.72 2.28 0.00	39.21 2.25 -0.07	36.70 2.11 -0.51	37.20 2.03 -1.31	39.81 2.17 -2.68	44.76 2.56 -0.25	61.41 1.95 -2.22	55.01 2.33 -1.04	44.96 3.02 0.00	35.23 2.36 -0.95	37.17 2.03 -6.52	35.08 2.15 -4.22	35.69 2.01 -5.42	35.27 2.13 -4.69	35.83 2.19 -4.87	41.41 2.08 -9.99	46.88 2.34 -13.39	55.26 2.77 -16.07	59.76 2.89 -14.88	69.06 3.59 -9.39	76.48 3.97 -5.29	58.17 2.96 -2.27	46.69 2.67 -0.95	44.08 2.59 -1.02
HOLTSVILLE_IC_6 23695	43.89 2.44 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.51 2.17 -2.09	55.20 2.58 -0.98	45.12 3.19 0.00	35.39 2.52 -0.95	37.29 2.15 -6.52	35.21 2.27 -4.24	35.83 2.12 -5.45	35.41 2.28 -4.69	35.98 2.33 -4.87	41.59 2.20 -10.04	47.12 2.49 -13.46	55.48 2.99 -16.07	59.95 3.15 -14.82	69.19 3.92 -9.19	76.57 4.37 -4.98	58.37 3.28 -2.15	46.87 2.84 -0.95	44.24 2.75 -1.03
HOLTSVILLE_IC_7 23696	43.89 2.44 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.51 2.17 -2.09	55.20 2.58 -0.98	45.12 3.19 0.00	35.39 2.52 -0.95	37.29 2.15 -6.52	35.21 2.27 -4.24	35.83 2.12 -5.45	35.41 2.28 -4.69	35.98 2.33 -4.87	41.59 2.20 -10.04	47.12 2.49 -13.46	55.48 2.99 -16.07	59.95 3.15 -14.82	69.19 3.92 -9.19	76.57 4.37 -4.98	58.37 3.28 -2.15	46.87 2.84 -0.95	44.24 2.75 -1.03
HOLTSVILLE_IC_8 23697	43.89 2.44 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.51 2.17 -2.09	55.20 2.58 -0.98	45.12 3.19 0.00	35.39 2.52 -0.95	37.29 2.15 -6.52	35.21 2.27 -4.24	35.83 2.12 -5.45	35.41 2.28 -4.69	35.98 2.33 -4.87	41.59 2.20 -10.04	47.12 2.49 -13.46	55.48 2.99 -16.07	59.95 3.15 -14.82	69.19 3.92 -9.19	76.57 4.37 -4.98	58.37 3.28 -2.15	46.87 2.84 -0.95	44.24 2.75 -1.03
HOLTSVILLE_IC_9 23698	43.89 2.44 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.51 2.17 -2.09	55.20 2.58 -0.98	45.12 3.19 0.00	35.39 2.52 -0.95	37.29 2.15 -6.52	35.21 2.27 -4.24	35.83 2.12 -5.45	35.41 2.28 -4.69	35.98 2.33 -4.87	41.59 2.20 -10.04	47.12 2.49 -13.46	55.48 2.99 -16.07	59.95 3.15 -14.82	69.19 3.92 -9.19	76.57 4.37 -4.98	58.37 3.28 -2.15	46.87 2.84 -0.95	44.24 2.75 -1.03
HOMER_HL_115KV_TB2 355744	39.83 -1.62 0.00	34.82 -2.07 0.00	32.58 -1.50 0.00	32.54 -1.32 0.00	33.49 -1.47 0.00	39.60 -2.35 0.00	53.35 -3.89 0.00	49.01 -2.63 0.00	39.46 -2.47 0.00	30.48 -1.44 0.00	27.45 -1.17 0.00	27.39 -1.32 0.00	26.93 -1.33 0.00	26.99 -1.45 0.00	27.02 -1.76 0.00	27.05 -2.29 0.00	28.53 -2.62 0.01	33.63 -2.77 0.03	38.62 -2.90 0.47	50.93 -3.87 1.28	62.11 -5.11 0.00	48.38 -4.55 0.00	39.57 -3.06 0.44	37.39 -3.08 0.00
HOWARD_WT_PWR 323690	40.72 -1.03 -0.32	35.62 -1.44 -0.17	33.23 -0.92 -0.07	33.24 -0.68 -0.06	34.39 -0.67 -0.09	41.08 -1.22 -0.34	55.60 -2.29 -0.64	50.76 -1.34 -0.46	40.47 -1.59 -0.13	30.90 -1.02 0.00	27.74 -0.89 0.00	27.73 -0.98 0.00	27.36 -0.91 0.00	27.45 -1.00 0.00	27.54 -1.24 0.00	27.93 -1.41 0.00	29.22 -1.93 0.01	34.39 -2.00 0.03	40.14 -1.47 0.38	53.68 -1.57 0.83	65.32 -2.29 -0.38	51.10 -2.22 -0.38	41.22 -1.68 0.17	39.21 -1.50 -0.24

HQ_GEN_CEDARS 23644	41.36 -0.08 0.00	36.93 0.04 0.00	34.11 0.03 0.00	33.90 0.03 0.00	34.89 -0.07 0.00	41.99 0.04 0.00	57.24 0.00 0.00	51.43 -0.21 0.00	41.73 -0.21 0.00	31.60 -0.32 0.00	28.25 -0.37 0.00	28.31 -0.40 0.00	27.89 -0.37 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.11 -0.23 0.00	31.00 -0.16 0.00	36.32 -0.11 0.00	41.90 -0.08 0.00	55.91 -0.17 0.00	67.29 0.07 0.00	52.94 0.00 0.00	43.20 0.13 0.00	40.62 0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	41.36 -0.08 0.00	36.93 0.04 0.00	34.11 0.03 0.00	33.90 0.03 0.00	34.89 -0.07 0.00	41.99 0.04 0.00	56.94 0.00 0.30	51.74 -0.21 -0.30	41.73 -0.21 0.00	31.60 -0.32 0.00	28.25 -0.37 0.00	28.31 -0.40 0.00	27.89 -0.37 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.10 -0.24 0.00	31.00 -0.16 0.00	36.32 -0.11 0.00	41.90 -0.08 0.00	55.91 -0.17 0.00	67.29 0.07 0.00	52.94 0.00 0.00	43.20 0.13 0.00	40.63 0.16 0.00
HQ_GEN_CHPE_PROXY 323851	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.46 2.52 0.30	54.57 2.63 -0.30	78.13 2.56 -33.63	0.01 1.72 33.63	0.01 1.52 30.13	0.01 1.61 30.30	0.01 1.58 29.83	0.01 1.62 30.05	0.01 1.67 30.43	0.01 1.64 30.97	0.01 1.74 32.89	0.01 2.19 38.60	0.01 2.27 44.24	0.01 2.91 58.98	130.16 3.97 -58.97	55.64 2.70 0.00	45.18 2.11 0.00	42.40 1.94 0.00
HQ_GEN_IMPORT 323601	41.52 0.08 0.00	37.00 0.11 0.00	34.18 0.10 0.00	33.96 0.10 0.00	35.03 0.07 0.00	42.08 0.13 0.00	57.06 0.11 0.30	51.99 0.05 -0.30	41.98 0.04 0.00	31.92 0.00 0.00	28.60 -0.03 0.00	28.65 -0.06 0.00	28.23 -0.03 0.00	28.41 -0.03 0.00	28.78 0.00 0.00	29.34 0.00 0.00	31.19 0.03 0.00	36.50 0.07 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.43 0.20 0.00	53.04 0.11 0.00	43.20 0.13 0.00	40.63 0.16 0.00
HQ_GEN_WHEEL 23651	41.52 0.08 0.00	37.00 0.11 0.00	34.18 0.10 0.00	33.96 0.10 0.00	35.03 0.07 0.00	42.08 0.13 0.00	57.06 0.11 0.30	51.99 0.05 -0.30	41.98 0.04 0.00	31.92 0.00 0.00	28.60 -0.03 0.00	28.65 -0.06 0.00	28.23 -0.03 0.00	28.41 -0.03 0.00	28.78 0.00 0.00	29.34 0.00 0.00	31.19 0.03 0.00	36.50 0.07 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.43 0.20 0.00	53.04 0.11 0.00	43.20 0.13 0.00	40.63 0.16 0.00
HUDSON AVE_GT_3 23810	43.35 1.91 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.26 1.63 0.00	30.43 1.72 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.13 1.79 0.00	33.03 1.87 0.00	38.79 2.37 0.00	44.42 2.44 0.00	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.35 2.28 0.00	42.49 2.02 0.00
HUDSON AVE_GT_4 23540	43.35 1.91 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.26 1.63 0.00	30.43 1.72 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.13 1.79 0.00	33.03 1.87 0.00	38.79 2.37 0.00	44.42 2.44 0.00	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.35 2.28 0.00	42.49 2.02 0.00
HUDSON AVE_GT_5 23657	43.35 1.91 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.26 1.63 0.00	30.43 1.72 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.13 1.79 0.00	33.03 1.87 0.00	38.79 2.37 0.00	44.42 2.44 0.00	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.35 2.28 0.00	42.49 2.02 0.00
HUDSON_AVE_10 24168	43.22 1.78 0.00	38.40 1.51 0.00	35.38 1.30 0.00	35.08 1.22 0.00	36.22 1.26 0.00	43.46 1.51 0.00	59.71 2.46 0.00	54.22 2.58 0.00	44.41 2.47 0.00	33.61 1.69 0.00	30.11 1.49 0.00	30.26 1.55 0.00	29.79 1.53 0.00	30.04 1.59 0.00	30.39 1.61 0.00	30.98 1.64 0.00	32.87 1.71 0.00	38.65 2.22 0.00	44.25 2.27 0.00	58.94 2.86 0.00	71.12 3.90 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.36 1.90 0.00
HUDSON___115KV_TB 4 355613	42.93 1.49 0.00	38.22 1.33 0.00	35.38 1.30 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.54 1.59 0.00	59.48 2.23 0.00	53.29 1.65 0.00	43.11 1.17 0.00	32.59 0.67 0.00	29.14 0.52 0.00	29.22 0.52 0.00	28.71 0.45 0.00	28.90 0.46 0.00	29.26 0.49 0.00	29.96 0.62 0.00	31.81 0.65 0.00	37.45 1.02 0.00	43.37 1.39 0.00	57.99 1.91 0.00	69.44 2.22 0.00	54.84 1.91 0.00	44.66 1.59 0.00	41.92 1.46 0.00
HUNTER MOUNT___DRP 323613	43.14 1.70 0.00	38.40 1.51 0.00	35.55 1.47 0.00	35.32 1.46 0.00	36.46 1.50 0.00	43.75 1.80 0.00	59.82 2.58 0.00	53.50 1.86 0.00	43.16 1.22 0.00	32.56 0.64 0.00	29.11 0.49 0.00	29.20 0.49 0.00	28.69 0.42 0.00	28.87 0.43 0.00	29.24 0.46 0.00	29.96 0.62 0.00	31.85 0.69 0.00	37.48 1.06 0.00	43.45 1.47 0.00	58.27 2.19 0.00	69.71 2.49 0.00	55.05 2.12 0.00	44.88 1.81 0.00	42.12 1.66 0.00
HUNTINGTON_RES_REC 323705	43.51 2.07 0.00	38.95 1.99 -0.07	36.36 1.77 -0.51	36.89 1.73 -1.31	39.42 1.78 -2.68	44.34 2.14 -0.25	57.10 1.43 1.58	52.76 1.86 0.74	44.71 2.77 0.00	34.98 2.11 -0.95	36.95 1.80 -6.52	34.85 1.89 -4.25	35.58 1.84 -5.48	35.04 1.91 -4.69	35.60 1.96 -4.87	41.34 1.91 -10.10	46.69 2.00 -13.53	52.52 2.26 -13.84	55.37 2.39 -11.00	61.85 3.03 -2.74	66.89 3.43 3.76	54.40 2.54 1.08	46.44 2.41 -0.96	43.88 2.39 -1.03
HUNTLEY___63 23557	39.45 -1.99 0.00	34.49 -2.40 0.00	32.24 -1.84 0.00	32.24 -1.63 0.00	33.24 -1.71 0.00	39.01 -2.94 0.00	52.03 -5.21 0.00	48.18 -3.46 0.00	39.05 -2.89 0.00	30.32 -1.60 0.00	27.37 -1.26 0.00	27.30 -1.41 0.00	26.90 -1.36 0.00	26.94 -1.51 0.00	26.95 -1.81 0.01	26.79 -2.55 0.00	28.19 -2.96 0.01	32.87 -3.53 0.02	38.11 -3.36 0.52	50.00 -4.65 1.43	60.97 -6.25 0.00	47.80 -5.13 0.00	38.50 -4.09 0.48	37.02 -3.44 0.00
HUNTLEY___64 23558	39.45 -1.99 0.00	34.49 -2.40 0.00	32.24 -1.84 0.00	32.24 -1.63 0.00	33.24 -1.71 0.00	39.01 -2.94 0.00	52.03 -5.21 0.00	48.18 -3.46 0.00	39.05 -2.89 0.00	30.32 -1.60 0.00	27.37 -1.26 0.00	27.30 -1.41 0.00	26.90 -1.36 0.00	26.94 -1.51 0.00	26.95 -1.81 0.01	26.79 -2.55 0.00	28.19 -2.96 0.01	32.87 -3.53 0.02	38.11 -3.36 0.52	50.00 -4.65 1.43	60.97 -6.25 0.00	47.80 -5.13 0.00	38.50 -4.09 0.48	37.02 -3.44 0.00
HUNTLEY___65 23559	39.45 -1.99 0.00	34.49 -2.40 0.00	32.24 -1.84 0.00	32.24 -1.63 0.00	33.24 -1.71 0.00	39.01 -2.94 0.00	52.03 -5.21 0.00	48.18 -3.46 0.00	39.05 -2.89 0.00	30.32 -1.60 0.00	27.37 -1.26 0.00	27.30 -1.41 0.00	26.90 -1.36 0.00	26.94 -1.51 0.00	26.95 -1.81 0.01	26.79 -2.55 0.00	28.19 -2.96 0.01	32.87 -3.53 0.02	38.11 -3.36 0.52	50.00 -4.65 1.43	60.97 -6.25 0.00	47.80 -5.13 0.00	38.50 -4.09 0.48	37.02 -3.44 0.00



HUNTLEY___66 23560	39.45 -1.99 0.00	34.49 -2.40 0.00	32.24 -1.84 0.00	32.24 -1.63 0.00	33.24 -1.71 0.00	39.01 -2.94 0.00	52.03 -5.21 0.00	48.18 -3.46 0.00	39.05 -2.89 0.00	30.32 -1.60 0.00	27.37 -1.26 0.00	27.30 -1.41 0.00	26.90 -1.36 0.00	26.94 -1.51 0.00	26.95 -1.81 0.01	26.79 -2.55 0.00	28.19 -2.96 0.01	32.87 -3.53 0.02	38.11 -3.36 0.52	50.00 -4.65 1.43	60.97 -6.25 0.00	47.80 -5.13 0.00	38.50 -4.09 0.48	37.02 -3.44 0.00
HUNTLEY___67 23561	39.41 -2.03 0.00	34.49 -2.40 0.00	32.24 -1.84 0.00	32.20 -1.66 0.00	33.24 -1.71 0.00	39.01 -2.94 0.00	52.03 -5.21 0.00	48.18 -3.46 0.00	39.05 -2.89 0.00	30.32 -1.60 0.00	27.34 -1.29 0.00	27.30 -1.41 0.00	26.90 -1.36 0.00	26.94 -1.51 0.00	26.99 -1.78 0.00	26.82 -2.52 0.00	28.22 -2.93 0.01	32.91 -3.50 0.02	38.15 -3.32 0.52	50.07 -4.60 1.41	61.04 -6.18 0.00	47.80 -5.13 0.00	38.55 -4.05 0.48	37.06 -3.40 0.00
HUNTLEY___68 23562	39.41 -2.03 0.00	34.49 -2.40 0.00	32.24 -1.84 0.00	32.20 -1.66 0.00	33.24 -1.71 0.00	39.01 -2.94 0.00	52.03 -5.21 0.00	48.18 -3.46 0.00	39.05 -2.89 0.00	30.32 -1.60 0.00	27.34 -1.29 0.00	27.30 -1.41 0.00	26.90 -1.36 0.00	26.94 -1.51 0.00	26.99 -1.78 0.00	26.82 -2.52 0.00	28.22 -2.93 0.01	32.91 -3.50 0.02	38.15 -3.32 0.52	50.07 -4.60 1.41	61.04 -6.18 0.00	47.80 -5.13 0.00	38.55 -4.05 0.48	37.06 -3.40 0.00
HYLAND___LFGE 323620	42.23 0.79 0.00	37.08 0.19 0.00	34.39 0.31 0.00	34.37 0.51 0.00	35.59 0.63 0.00	42.49 0.54 0.00	57.53 0.29 0.00	52.36 0.72 0.00	41.56 -0.38 0.00	31.54 -0.38 0.00	28.17 -0.46 0.00	28.19 -0.52 0.00	27.67 -0.59 0.00	27.82 -0.63 0.00	27.94 -0.84 0.00	28.46 -0.88 0.00	30.00 -1.15 0.01	35.53 -0.87 0.02	41.53 0.00 0.46	55.55 0.73 1.26	67.76 0.54 0.00	53.04 0.11 0.00	42.64 0.00 0.43	40.38 -0.08 0.00
INDECK___CORINTH 23802	43.80 2.36 0.00	38.96 2.06 0.00	35.99 1.91 0.00	35.79 1.93 0.00	36.98 2.03 0.00	44.43 2.47 0.00	60.91 3.67 0.00	54.58 2.94 0.00	43.91 1.97 0.00	33.10 1.18 0.00	29.63 1.00 0.00	29.65 0.95 0.00	29.14 0.88 0.00	29.07 0.62 0.00	29.41 0.63 0.00	30.13 0.79 0.00	31.91 0.75 0.00	37.56 1.13 0.00	43.67 1.68 0.00	56.86 0.78 0.00	68.10 0.87 0.00	54.26 1.32 0.00	44.06 0.99 0.00	41.56 1.09 0.00
INDECK___ILION 23567	41.19 -0.25 0.00	36.74 -0.15 0.00	33.94 -0.14 0.00	33.76 -0.10 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.53 0.29 0.00	51.80 0.15 0.00	41.98 0.04 0.00	31.79 -0.13 0.00	28.40 -0.23 0.00	28.36 -0.34 0.00	27.84 -0.42 0.00	27.90 -0.54 0.00	28.23 -0.55 0.00	28.55 -0.79 0.00	30.35 -0.81 0.00	35.62 -0.80 0.00	41.27 -0.71 0.00	55.52 -0.56 0.00	66.69 -0.54 0.00	52.73 -0.21 0.00	43.33 0.26 0.00	40.79 0.32 0.00
INDECK___OLEAN 23982	39.82 -1.62 0.00	34.83 -2.07 0.00	32.58 -1.50 0.00	32.54 -1.32 0.00	33.49 -1.47 0.00	39.60 -2.35 0.00	53.35 -3.89 0.00	49.01 -2.63 0.00	39.46 -2.47 0.00	30.48 -1.44 0.00	27.45 -1.17 0.00	27.39 -1.32 0.00	26.93 -1.33 0.00	26.99 -1.45 0.00	27.02 -1.76 0.00	27.40 -1.94 0.00	28.53 -2.62 0.01	33.41 -2.99 0.03	38.63 -2.90 0.46	50.96 -3.87 1.25	62.11 -5.11 0.00	48.44 -4.50 0.00	39.46 -3.19 0.43	37.39 -3.08 0.00
INDECK___OSWEGO 23783	44.51 -1.12 -4.19	38.12 -1.03 -2.26	33.96 -0.99 -0.86	33.69 -0.95 -0.77	35.27 -0.94 -1.26	45.38 -1.13 -4.56	64.24 -1.54 -8.54	56.34 -1.39 -6.09	42.39 -1.22 -1.66	31.15 -0.77 0.00	28.00 -0.63 0.00	28.10 -0.60 0.00	27.67 -0.59 0.00	27.84 -0.60 0.00	28.14 -0.63 0.00	28.67 -0.67 0.00	30.35 -0.81 0.00	35.41 -1.02 0.00	41.46 -1.18 -0.65	58.98 -1.40 -4.30	70.34 -1.75 -4.87	56.44 -1.38 -4.88	44.95 -1.16 -3.04	42.42 -1.13 -3.09
INDECK___YERKES 23781	39.45 -1.99 0.00	34.53 -2.36 0.00	32.27 -1.81 0.00	32.27 -1.59 0.00	33.28 -1.68 0.00	39.01 -2.94 0.00	52.09 -5.15 0.00	48.23 -3.41 0.00	39.09 -2.85 0.00	30.33 -1.60 0.00	27.37 -1.26 0.00	27.33 -1.38 0.00	26.91 -1.36 0.00	26.99 -1.45 0.00	26.96 -1.81 0.01	27.29 -2.05 0.00	28.22 -2.93 0.01	32.98 -3.43 0.02	38.16 -3.32 0.51	50.19 -4.49 1.40	60.97 -6.25 0.00	47.86 -5.08 0.00	38.64 -3.96 0.47	37.06 -3.40 0.00
INDIAN POINT_GT_1 24139	43.10 1.66 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.02 2.38 0.00	44.20 2.26 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.14 1.44 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.87 1.53 0.00	32.75 1.59 0.00	38.43 2.00 0.00	44.08 2.10 0.00	58.83 2.75 0.00	70.79 3.56 0.00	55.43 2.49 0.00	45.05 1.98 0.00	42.24 1.78 0.00
INDIAN POINT_GT_2 23659	43.10 1.66 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.02 2.38 0.00	44.20 2.26 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.14 1.44 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.87 1.53 0.00	32.75 1.59 0.00	38.43 2.00 0.00	44.08 2.10 0.00	58.83 2.75 0.00	70.79 3.56 0.00	55.43 2.49 0.00	45.05 1.98 0.00	42.24 1.78 0.00
INDIAN POINT_GT_3 24019	43.10 1.66 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.02 2.38 0.00	44.20 2.26 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.14 1.44 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.87 1.53 0.00	32.75 1.59 0.00	38.43 2.00 0.00	44.08 2.10 0.00	58.83 2.75 0.00	70.79 3.56 0.00	55.43 2.49 0.00	45.05 1.98 0.00	42.24 1.78 0.00
INDIAN POINT___2 23530	43.10 1.66 0.00	38.33 1.44 0.00	35.34 1.26 0.00	35.05 1.18 0.00	36.18 1.22 0.00	43.42 1.47 0.00	59.54 2.29 0.00	54.02 2.38 0.00	44.20 2.26 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.14 1.43 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.84 1.50 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.04 2.06 0.00	58.83 2.75 0.00	70.78 3.56 0.00	55.43 2.49 0.00	45.01 1.94 0.00	42.20 1.74 0.00
INDIAN POINT___3 23531	43.10 1.66 0.00	38.33 1.44 0.00	35.34 1.26 0.00	35.05 1.19 0.00	36.18 1.22 0.00	43.42 1.47 0.00	59.53 2.29 0.00	53.97 2.32 0.00	44.20 2.26 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.11 1.41 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.87 1.53 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.04 2.06 0.00	58.77 2.69 0.00	70.79 3.56 0.00	55.37 2.44 0.00	45.01 1.94 0.00	42.20 1.74 0.00
INDIANHD_69_KV_BK1 55831	44.14 2.69 0.00	39.58 2.62 -0.07	37.01 2.42 -0.51	37.54 2.37 -1.31	40.09 2.45 -2.68	45.22 3.02 -0.25	61.88 2.52 -2.11	55.53 2.89 -0.99	45.38 3.44 0.00	35.55 2.68 -0.95	37.43 2.29 -6.52	35.32 2.38 -4.23	35.97 2.26 -5.44	35.52 2.39 -4.69	36.09 2.45 -4.87	41.78 2.41 -10.03	47.28 2.68 -13.45	55.88 3.39 -16.07	60.34 3.53 -14.83	69.74 4.43 -9.23	77.24 4.97 -5.04	58.87 3.76 -2.17	47.17 3.14 -0.95	44.52 3.03 -1.03

INGHAM_C_115KV_TB7 356103	41.19 -0.25 0.00	36.74 -0.15 0.00	33.94 -0.14 0.00	33.76 -0.10 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.53 0.29 0.00	51.80 0.15 0.00	41.98 0.04 0.00	31.79 -0.13 0.00	28.40 -0.23 0.00	28.36 -0.34 0.00	27.84 -0.42 0.00	27.90 -0.54 0.00	28.23 -0.55 0.00	28.55 -0.79 0.00	30.35 -0.81 0.00	35.62 -0.80 0.00	41.27 -0.71 0.00	55.52 -0.56 0.00	66.69 -0.54 0.00	52.73 -0.21 0.00	43.33 0.26 0.00	40.79 0.32 0.00
IP CORINTH___1 23988	43.80 2.36 0.00	38.96 2.07 0.00	35.99 1.91 0.00	35.79 1.93 0.00	36.98 2.03 0.00	44.43 2.48 0.00	60.91 3.66 0.00	54.58 2.94 0.00	43.91 1.97 0.00	33.10 1.18 0.00	29.63 1.00 0.00	29.65 0.95 0.00	29.14 0.88 0.00	29.07 0.63 0.00	29.41 0.63 0.00	30.13 0.79 0.00	31.94 0.78 0.00	37.55 1.13 0.00	43.66 1.68 0.00	57.14 1.07 0.00	68.50 1.28 0.00	54.58 1.64 0.00	44.32 1.25 0.00	41.76 1.29 0.00
IP___TICONDEROGA 23804	44.92 3.48 0.00	39.92 3.03 0.00	36.91 2.83 0.00	36.74 2.88 0.00	37.96 3.01 0.00	45.68 3.73 0.00	62.80 5.55 0.00	55.82 4.18 0.00	44.54 2.60 0.00	33.36 1.44 0.00	29.80 1.17 0.00	29.80 1.09 0.00	29.22 0.96 0.00	29.15 0.71 0.00	29.49 0.72 0.00	30.37 1.03 0.00	32.19 1.03 0.00	38.03 1.60 0.00	44.55 2.56 0.00	58.71 2.64 0.00	70.72 3.50 0.00	56.33 3.39 0.00	45.57 2.50 0.00	42.97 2.51 0.00
ISLIP_RES_REC 323679	44.01 2.57 0.00	39.47 2.51 -0.07	36.94 2.35 -0.51	37.47 2.30 -1.31	40.05 2.41 -2.68	45.09 2.89 -0.25	61.60 2.35 -2.01	55.32 2.74 -0.94	45.25 3.31 0.00	35.49 2.62 -0.95	37.38 2.23 -6.52	35.31 2.35 -4.25	35.94 2.21 -5.47	35.50 2.36 -4.69	36.06 2.42 -4.87	41.72 2.29 -10.09	47.30 2.62 -13.52	55.64 3.13 -16.08	60.08 3.32 -14.78	69.35 4.21 -9.07	76.64 4.63 -4.78	58.51 3.49 -2.08	47.04 3.01 -0.96	44.37 2.87 -1.03
JAMAICA__27_KV_LOAD 355505	43.43 1.99 0.00	38.59 1.70 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.59 1.64 0.00	59.99 2.75 0.00	54.48 2.84 0.00	44.54 2.60 0.00	33.71 1.79 0.00	30.17 1.55 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.09 1.65 0.00	30.47 1.70 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.79 2.37 0.00	44.46 2.48 0.00	59.16 3.08 0.00	71.46 4.24 0.00	55.90 2.96 0.00	45.53 2.46 0.00	42.61 2.14 0.00
JANIS___SOLAR 323808	43.46 1.29 -0.74	38.39 1.11 -0.40	35.25 1.02 -0.15	35.05 1.05 -0.14	36.40 1.22 -0.22	44.39 1.63 -0.80	61.04 2.29 -1.50	54.52 1.81 -1.07	43.20 0.97 -0.29	32.37 0.45 0.00	28.83 0.20 0.00	28.79 0.09 0.00	28.29 0.03 0.00	28.47 0.03 0.00	28.92 0.14 0.00	29.49 0.15 0.00	31.38 0.22 0.00	37.12 0.69 0.00	43.12 1.26 0.13	58.77 2.53 -0.17	71.17 2.95 -0.99	56.21 2.27 -1.00	45.14 1.68 -0.39	42.59 1.50 -0.63
JARVIS____ 23743	41.52 0.08 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	35.03 0.07 0.00	42.03 0.08 0.00	57.36 0.11 0.00	51.74 0.10 0.00	42.02 0.08 0.00	31.98 0.06 0.00	28.68 0.06 0.00	28.76 0.06 0.00	28.29 0.03 0.00	28.47 0.03 0.00	28.80 0.03 0.00	29.37 0.03 0.00	31.19 0.03 0.00	36.50 0.07 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.36 0.13 0.00	53.04 0.11 0.00	43.16 0.09 0.00	40.54 0.08 0.00
JENNISON___1 23625	43.31 1.33 -0.54	38.40 1.22 -0.29	35.32 1.12 -0.11	35.11 1.15 -0.10	36.45 1.33 -0.16	44.35 1.80 -0.59	60.93 2.58 -1.11	54.55 2.12 -0.79	43.67 1.51 -0.22	32.85 0.93 0.00	29.28 0.66 0.00	29.31 0.60 0.00	28.83 0.57 0.00	28.98 0.54 0.00	29.44 0.66 0.00	29.93 0.59 0.00	31.82 0.65 0.00	37.53 1.09 -0.01	43.34 1.47 0.11	58.82 2.69 -0.05	71.16 3.23 -0.71	56.25 2.59 -0.71	45.32 1.98 -0.27	42.70 1.78 -0.45
JENNISON___2 23626	43.31 1.33 -0.54	38.40 1.22 -0.29	35.32 1.12 -0.11	35.11 1.15 -0.10	36.45 1.33 -0.16	44.35 1.80 -0.59	60.93 2.58 -1.11	54.55 2.12 -0.79	43.67 1.51 -0.22	32.85 0.93 0.00	29.28 0.66 0.00	29.31 0.60 0.00	28.83 0.57 0.00	28.98 0.54 0.00	29.44 0.66 0.00	29.93 0.59 0.00	31.82 0.65 0.00	37.53 1.09 -0.01	43.34 1.47 0.11	58.82 2.69 -0.05	71.16 3.23 -0.71	56.25 2.59 -0.71	45.32 1.98 -0.27	42.70 1.78 -0.45
JERICHO_RISE_WT_PWR 323719	41.44 0.00 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.42 0.17 0.00	51.64 0.00 0.00	41.81 -0.13 0.00	31.66 -0.26 0.00	28.28 -0.34 0.00	28.31 -0.40 0.00	27.89 -0.37 0.00	28.13 -0.31 0.00	28.52 -0.26 0.00	29.17 -0.17 0.00	31.10 -0.06 0.00	36.43 0.00 0.00	42.07 0.08 0.00	56.14 0.06 0.00	67.56 0.34 0.00	53.15 0.21 0.00	43.33 0.26 0.00	40.71 0.24 0.00
KATONAH__115KV_46KV_TB4 355592	43.27 1.82 0.00	38.51 1.62 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.82 2.58 0.00	54.27 2.63 0.00	44.37 2.43 0.00	33.55 1.63 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.76 1.50 0.00	29.98 1.54 0.00	30.33 1.55 0.00	30.95 1.61 0.00	32.81 1.65 0.00	38.54 2.11 0.00	44.17 2.18 0.00	58.94 2.86 0.00	70.99 3.76 0.00	55.58 2.65 0.00	45.22 2.15 0.00	42.36 1.90 0.00
KCE_NY_1 323755	43.47 2.03 0.00	38.66 1.77 0.00	35.75 1.67 0.00	35.52 1.66 0.00	36.67 1.71 0.00	44.01 2.06 0.00	60.22 2.97 0.00	54.12 2.48 0.00	43.66 1.72 0.00	33.01 1.09 0.00	29.54 0.92 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.18 0.74 0.00	29.52 0.75 0.00	30.25 0.91 0.00	32.06 0.90 0.00	37.66 1.24 0.00	43.71 1.72 0.00	58.04 1.96 0.00	69.58 2.35 0.00	55.16 2.22 0.00	44.80 1.72 0.00	42.12 1.66 0.00
KCE_NY_6_ESR 323823	39.78 -1.66 0.00	34.83 -2.07 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.56 -1.40 0.00	39.43 -2.52 0.00	52.72 -4.52 0.00	48.75 -2.89 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.60 -1.03 0.00	27.53 -1.18 0.00	27.10 -1.16 0.00	27.16 -1.28 0.00	27.16 -1.61 0.00	27.49 -1.85 0.00	28.44 -2.71 0.01	33.31 -3.10 0.02	38.51 -2.98 0.49	50.75 -3.98 1.35	61.71 -5.51 0.00	48.33 -4.61 0.00	39.13 -3.49 0.46	37.39 -3.08 0.00
KEDC_PORT_JEFF_GT2 24210	43.89 2.44 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.55 2.17 -2.13	55.18 2.53 -1.00	45.12 3.19 0.00	35.36 2.49 -0.95	37.29 2.15 -6.52	35.17 2.24 -4.23	35.82 2.12 -5.44	35.38 2.25 -4.69	35.95 2.30 -4.87	41.56 2.20 -10.02	47.08 2.49 -13.43	55.48 2.99 -16.07	59.97 3.15 -14.84	69.26 3.92 -9.26	76.68 4.37 -5.09	58.41 3.28 -2.19	46.86 2.84 -0.95	44.24 2.75 -1.02
KEDC_PORT_JEFF_GT3 24211	43.89 2.44 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.55 2.17 -2.13	55.18 2.53 -1.00	45.12 3.19 0.00	35.36 2.49 -0.95	37.29 2.15 -6.52	35.17 2.24 -4.23	35.82 2.12 -5.44	35.38 2.25 -4.69	35.95 2.30 -4.87	41.56 2.20 -10.02	47.08 2.49 -13.43	55.48 2.99 -16.07	59.97 3.15 -14.84	69.26 3.92 -9.26	76.68 4.37 -5.09	58.41 3.28 -2.19	46.86 2.84 -0.95	44.24 2.75 -1.02

KEDC_GLWD_GT4 24219	43.80 2.36 0.00	39.14 2.14 -0.11	36.50 1.91 -0.51	37.00 1.83 -1.31	39.53 1.89 -2.68	44.46 2.26 -0.25	59.99 2.75 0.00	54.53 2.89 0.00	45.00 3.06 0.00	35.10 2.23 -0.95	37.13 1.95 -6.56	37.06 2.04 -6.32	38.91 2.01 -8.65	35.23 2.05 -4.73	35.79 2.10 -4.91	47.36 2.08 -15.93	54.70 2.18 -21.36	62.46 2.62 -23.41	64.71 2.73 -19.99	68.34 3.54 -8.73	71.59 4.37 0.00	56.77 3.34 -0.49	47.30 2.72 -1.51	44.60 2.51 -1.63
KEDC_GLWD_GT5 24220	43.80 2.36 0.00	39.14 2.14 -0.11	36.50 1.91 -0.51	37.00 1.83 -1.31	39.53 1.89 -2.68	44.46 2.26 -0.25	59.99 2.75 0.00	54.53 2.89 0.00	45.00 3.06 0.00	35.10 2.23 -0.95	37.13 1.95 -6.56	37.06 2.04 -6.32	38.91 2.01 -8.65	35.23 2.05 -4.73	35.79 2.10 -4.91	47.36 2.08 -15.93	54.70 2.18 -21.36	62.46 2.62 -23.41	64.71 2.73 -19.99	68.34 3.54 -8.73	71.59 4.37 0.00	56.77 3.34 -0.49	47.30 2.72 -1.51	44.60 2.51 -1.63
KENSICO____ 23655	43.18 1.74 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.65 2.40 0.00	54.12 2.48 0.00	44.33 2.39 0.00	33.58 1.66 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.76 1.50 0.00	29.98 1.54 0.00	30.36 1.58 0.00	30.95 1.61 0.00	32.81 1.65 0.00	38.54 2.11 0.00	44.17 2.18 0.00	58.94 2.86 0.00	70.99 3.76 0.00	55.53 2.59 0.00	45.14 2.07 0.00	42.32 1.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.39 1.95 0.00	38.62 1.73 0.00	35.61 1.53 0.00	35.35 1.49 0.00	36.50 1.54 0.00	43.80 1.85 0.00	60.11 2.86 0.00	54.33 2.69 0.00	44.20 2.26 0.00	33.42 1.50 0.00	29.86 1.23 0.00	30.00 1.29 0.00	29.53 1.27 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.81 1.47 0.00	32.69 1.53 0.00	38.47 2.04 0.00	44.25 2.27 0.00	59.39 3.31 0.00	71.26 4.03 0.00	55.80 2.86 0.00	45.40 2.33 0.00	42.57 2.10 0.00
KIAC_JFK_GT1 23816	43.22 1.78 0.00	38.40 1.51 0.00	35.34 1.26 0.00	35.05 1.19 0.00	36.18 1.22 0.00	43.21 1.26 0.00	59.48 2.23 0.00	54.02 2.38 0.00	44.16 2.22 0.00	33.42 1.50 0.00	29.91 1.29 0.00	30.06 1.35 0.00	29.59 1.33 0.00	29.84 1.39 0.00	30.21 1.44 0.00	30.78 1.44 0.00	32.81 1.65 0.00	38.61 2.19 0.00	44.21 2.23 0.00	58.60 2.52 0.00	70.85 3.63 0.00	55.43 2.49 0.00	45.31 2.24 0.00	42.41 1.94 0.00
KIAC_JFK_GT2 23817	43.22 1.78 0.00	38.40 1.51 0.00	35.34 1.26 0.00	35.05 1.19 0.00	36.18 1.22 0.00	43.21 1.26 0.00	59.48 2.23 0.00	54.02 2.38 0.00	44.16 2.22 0.00	33.42 1.50 0.00	29.91 1.29 0.00	30.06 1.35 0.00	29.59 1.33 0.00	29.84 1.39 0.00	30.21 1.44 0.00	30.78 1.44 0.00	32.81 1.65 0.00	38.61 2.19 0.00	44.21 2.23 0.00	58.60 2.52 0.00	70.85 3.63 0.00	55.43 2.49 0.00	45.31 2.24 0.00	42.41 1.94 0.00
KIAC_JFK____ 323774	43.22 1.78 0.00	38.40 1.51 0.00	35.34 1.26 0.00	35.05 1.18 0.00	36.18 1.22 0.00	43.21 1.26 0.00	59.47 2.23 0.00	54.02 2.38 0.00	44.16 2.22 0.00	33.42 1.50 0.00	29.92 1.29 0.00	30.06 1.35 0.00	29.59 1.33 0.00	29.84 1.39 0.00	30.21 1.44 0.00	30.75 1.41 0.00	32.81 1.65 0.00	38.57 2.15 0.00	44.21 2.22 0.00	58.60 2.53 0.00	70.85 3.63 0.00	55.43 2.49 0.00	45.31 2.24 0.00	42.40 1.94 0.00
KINTIGH_24_KV_GSU 356498	39.58 -1.86 0.00	34.68 -2.21 0.00	32.34 -1.74 0.00	32.31 -1.56 0.00	33.35 -1.61 0.00	39.27 -2.69 0.00	52.49 -4.75 0.00	48.49 -3.15 0.00	39.30 -2.64 0.00	30.48 -1.44 0.00	27.48 -1.15 0.00	27.47 -1.23 0.00	27.05 -1.21 0.00	27.16 -1.28 0.00	27.22 -1.55 0.00	27.58 -1.76 0.00	28.60 -2.55 0.01	33.35 -3.06 0.02	38.46 -2.98 0.54	50.61 -3.98 1.49	61.64 -5.58 0.00	48.38 -4.55 0.00	38.91 -3.66 0.50	37.35 -3.11 0.00
KINTIGH____ 23543	39.58 -1.86 0.00	34.68 -2.21 0.00	32.34 -1.74 0.00	32.30 -1.56 0.00	33.35 -1.61 0.00	39.27 -2.68 0.00	52.49 -4.75 0.00	48.49 -3.15 0.00	39.30 -2.64 0.00	30.48 -1.44 0.00	27.48 -1.15 0.00	27.47 -1.23 0.00	27.05 -1.22 0.00	27.13 -1.31 0.00	27.22 -1.55 0.00	27.14 -2.20 0.00	28.60 -2.56 0.01	33.20 -3.21 0.02	38.45 -2.98 0.55	50.41 -4.15 1.52	61.64 -5.58 0.00	48.38 -4.55 0.00	38.73 -3.83 0.51	37.35 -3.12 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.98 0.54 0.00	37.44 0.55 0.00	34.59 0.51 0.00	34.37 0.51 0.00	35.38 0.42 0.00	42.62 0.67 0.00	58.16 0.92 0.00	52.31 0.67 0.00	42.36 0.42 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.47 0.31 0.00	36.97 0.55 0.00	42.66 0.67 0.00	56.98 0.90 0.00	68.57 1.34 0.00	53.89 0.95 0.00	43.98 0.90 0.00	41.27 0.81 0.00
LACHUTE____HYDRO 323717	44.92 3.48 0.00	39.92 3.03 0.00	36.91 2.83 0.00	36.74 2.88 0.00	37.96 3.01 0.00	45.68 3.73 0.00	62.79 5.55 0.00	55.82 4.18 0.00	44.54 2.60 0.00	33.36 1.44 0.00	29.80 1.17 0.00	29.80 1.09 0.00	29.22 0.96 0.00	29.15 0.71 0.00	29.50 0.72 0.00	30.37 1.03 0.00	32.16 1.00 0.00	38.03 1.60 0.00	44.55 2.56 0.00	58.72 2.64 0.00	70.72 3.49 0.00	56.33 3.39 0.00	45.57 2.50 0.00	42.97 2.51 0.00
LAWRNCV_115KV_TB1 80681	40.88 -0.83 -0.27	36.45 -0.59 -0.15	33.56 -0.58 -0.06	33.34 -0.58 -0.05	34.34 -0.70 -0.08	41.62 -0.63 -0.30	56.88 -0.92 -0.55	50.85 -1.19 -0.39	41.00 -1.05 -0.11	30.90 -1.02 0.00	27.60 -1.03 0.00	27.62 -1.09 0.00	27.22 -1.05 0.00	27.45 -1.00 0.00	27.80 -0.98 0.00	28.43 -0.91 0.00	30.29 -0.87 0.00	35.55 -0.87 0.00	41.02 -0.97 0.00	55.14 -1.18 -0.24	66.61 -1.08 -0.46	52.50 -0.90 -0.46	42.74 -0.56 -0.23	40.23 -0.53 -0.29
LEDERLE____ 23769	43.27 1.82 0.00	38.48 1.59 0.00	35.48 1.40 0.00	35.18 1.32 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.76 2.52 0.00	54.22 2.58 0.00	44.33 2.39 0.00	33.58 1.66 0.00	30.06 1.43 0.00	30.20 1.49 0.00	29.76 1.50 0.00	29.98 1.54 0.00	30.36 1.58 0.00	30.98 1.64 0.00	32.84 1.68 0.00	38.54 2.11 0.00	44.25 2.27 0.00	59.11 3.03 0.00	71.12 3.90 0.00	55.64 2.70 0.00	45.18 2.11 0.00	42.36 1.90 0.00
LIGHTHSE_115KV_TB6 355974	43.99 0.08 -2.46	38.44 0.22 -1.33	34.69 0.10 -0.51	34.39 0.07 -0.46	35.94 0.24 -0.74	45.18 0.55 -2.68	62.66 0.40 -5.02	54.81 -0.41 -3.58	42.08 -0.84 -0.98	30.90 -1.02 0.00	27.74 -0.89 0.00	27.87 -0.83 0.00	27.36 -0.90 0.00	27.50 -0.94 0.00	27.97 -0.81 0.00	28.37 -0.97 0.00	30.19 -0.97 0.00	35.44 -0.98 0.00	41.73 -0.84 -0.59	59.15 -0.67 -3.75	70.70 -0.67 -4.14	56.72 -0.37 -4.16	45.25 -0.43 -2.61	42.65 -0.45 -2.63
LINDEN COGEN____ 23786	43.18 1.74 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.05 1.18 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.68 1.75 0.00	30.17 1.54 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	30.98 1.64 0.00	32.90 1.74 0.00	38.57 2.15 0.00	44.25 2.27 0.00	58.99 2.91 0.00	71.12 3.90 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.33 1.86 0.00

LINDHRST_69_KV_BK1 356055	44.14 2.69 0.00	39.51 2.55 -0.08	36.87 2.28 -0.51	37.37 2.20 -1.31	39.91 2.27 -2.68	44.97 2.77 -0.25	60.40 2.58 -0.58	54.75 2.84 -0.27	45.34 3.40 0.00	35.42 2.55 -0.95	37.38 2.23 -6.52	35.60 2.30 -4.59	36.49 2.23 -6.00	35.45 2.30 -4.70	36.01 2.36 -4.88	42.74 2.35 -11.05	48.47 2.49 -14.81	56.12 3.10 -16.60	59.70 3.23 -14.48	67.36 4.21 -7.07	73.51 4.91 -1.38	57.44 3.65 -0.85	47.22 3.10 -1.05	44.55 2.95 -1.13
LIPA_MISC_IPP 23656	43.56 2.11 0.00	39.06 2.10 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.74 2.10 -2.68	44.80 2.60 -0.25	61.15 1.72 -2.19	54.84 2.17 -1.03	44.79 2.85 0.00	35.20 2.33 -0.95	37.09 1.95 -6.52	35.02 2.10 -4.22	35.61 1.92 -5.42	35.24 2.10 -4.69	35.80 2.16 -4.87	41.36 2.02 -9.99	46.89 2.34 -13.40	55.40 2.91 -16.06	59.62 2.77 -14.86	68.73 3.31 -9.34	76.00 3.56 -5.22	57.82 2.65 -2.24	46.43 2.41 -0.95	43.91 2.43 -1.02
LISF___SOLAR 323691	43.60 2.15 0.00	39.14 2.18 -0.07	36.70 2.11 -0.51	37.23 2.07 -1.31	39.88 2.24 -2.68	44.84 2.64 -0.25	61.24 1.83 -2.17	54.88 2.22 -1.02	44.83 2.89 0.00	35.20 2.33 -0.95	37.12 1.97 -6.52	35.02 2.09 -4.22	35.61 1.92 -5.43	35.24 2.10 -4.69	35.80 2.16 -4.87	41.34 2.00 -10.01	46.91 2.34 -13.41	55.29 2.80 -16.06	59.69 2.86 -14.85	68.81 3.42 -9.31	76.02 3.63 -5.16	57.91 2.75 -2.22	46.52 2.50 -0.95	43.95 2.47 -1.02
LITTLE FALLS___HYD 24013	41.19 -0.25 0.00	36.74 -0.15 0.00	33.94 -0.14 0.00	33.76 -0.10 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.53 0.29 0.00	51.80 0.15 0.00	41.98 0.04 0.00	31.79 -0.13 0.00	28.40 -0.23 0.00	28.36 -0.34 0.00	27.84 -0.42 0.00	27.90 -0.54 0.00	28.23 -0.55 0.00	28.55 -0.79 0.00	30.35 -0.81 0.00	35.62 -0.80 0.00	41.27 -0.71 0.00	55.52 -0.56 0.00	66.69 -0.54 0.00	52.73 -0.21 0.00	43.33 0.26 0.00	40.79 0.32 0.00
LITTLRIV_115KV_TB1 356100	41.28 -0.46 -0.29	36.79 -0.26 -0.16	33.87 -0.27 -0.06	33.61 -0.30 -0.05	34.70 -0.35 -0.09	42.10 -0.17 -0.32	57.56 -0.29 -0.60	51.29 -0.77 -0.43	41.22 -0.84 -0.12	31.00 -0.93 0.00	27.62 -1.00 0.00	27.64 -1.06 0.00	27.24 -1.02 0.00	27.45 -1.00 0.00	27.80 -0.98 0.00	28.46 -0.88 0.00	30.35 -0.81 0.00	35.66 -0.76 0.00	41.27 -0.71 0.00	55.72 -0.62 -0.26	67.32 -0.40 -0.50	53.12 -0.32 -0.50	43.15 -0.17 -0.25	40.62 -0.16 -0.31
LI_NEWBRDGE___DRP 323616	43.72 2.28 0.00	39.13 2.18 -0.07	36.53 1.94 -0.51	37.03 1.86 -1.31	39.56 1.92 -2.68	44.51 2.31 -0.25	59.42 2.18 0.00	54.07 2.43 0.00	44.92 2.98 0.00	35.11 2.23 -0.95	37.11 1.98 -6.51	34.75 2.04 -4.01	35.34 1.98 -5.10	35.18 2.05 -4.69	35.74 2.10 -4.87	40.82 2.08 -9.39	45.93 2.18 -12.59	52.88 2.66 -13.80	56.50 2.73 -11.79	64.76 3.53 -5.15	71.39 4.17 0.00	56.30 3.07 -0.29	46.63 2.67 -0.89	43.97 2.55 -0.96
LOCKPORT_115KV_TB60_63_64 80432	39.25 -2.20 0.00	34.38 -2.51 0.00	32.10 -1.98 0.00	32.10 -1.76 0.00	33.14 -1.82 0.00	38.85 -3.10 0.00	51.81 -5.44 0.00	47.97 -3.67 0.00	38.84 -3.10 0.00	30.17 -1.76 0.00	27.19 -1.43 0.00	27.16 -1.55 0.00	26.74 -1.53 0.00	26.79 -1.65 0.00	26.82 -1.96 0.00	26.67 -2.67 0.00	28.10 -3.05 0.01	32.73 -3.68 0.02	37.97 -3.48 0.53	49.81 -4.82 1.45	60.77 -6.45 0.00	47.64 -5.29 0.00	38.32 -4.26 0.49	36.90 -3.56 0.00
LOCKPORT___CC1 323769	39.29 -2.16 0.00	34.38 -2.51 0.00	32.14 -1.94 0.00	32.10 -1.76 0.00	33.10 -1.85 0.00	38.85 -3.10 0.00	51.80 -5.44 0.00	47.98 -3.67 0.00	38.88 -3.06 0.00	30.17 -1.76 0.00	27.22 -1.40 0.00	27.18 -1.52 0.00	26.76 -1.50 0.00	26.85 -1.59 0.00	26.85 -1.93 0.00	27.17 -2.17 0.00	28.10 -3.05 0.01	32.84 -3.57 0.02	37.98 -3.48 0.52	50.01 -4.65 1.42	60.77 -6.45 0.00	47.64 -5.29 0.00	38.50 -4.09 0.48	36.90 -3.56 0.00
LOCKPORT___CC2 323770	39.29 -2.16 0.00	34.38 -2.51 0.00	32.14 -1.94 0.00	32.10 -1.76 0.00	33.10 -1.85 0.00	38.85 -3.10 0.00	51.80 -5.44 0.00	47.98 -3.67 0.00	38.88 -3.06 0.00	30.17 -1.76 0.00	27.22 -1.40 0.00	27.18 -1.52 0.00	26.76 -1.50 0.00	26.85 -1.59 0.00	26.85 -1.93 0.00	27.17 -2.17 0.00	28.10 -3.05 0.01	32.84 -3.57 0.02	37.98 -3.48 0.52	50.01 -4.65 1.42	60.77 -6.45 0.00	47.64 -5.29 0.00	38.50 -4.09 0.48	36.90 -3.56 0.00
LOCKPORT___CC3 323771	39.29 -2.16 0.00	34.38 -2.51 0.00	32.14 -1.94 0.00	32.10 -1.76 0.00	33.10 -1.85 0.00	38.85 -3.10 0.00	51.80 -5.44 0.00	47.98 -3.67 0.00	38.88 -3.06 0.00	30.17 -1.76 0.00	27.22 -1.40 0.00	27.18 -1.52 0.00	26.76 -1.50 0.00	26.85 -1.59 0.00	26.85 -1.93 0.00	27.17 -2.17 0.00	28.10 -3.05 0.01	32.84 -3.57 0.02	37.98 -3.48 0.52	50.01 -4.65 1.42	60.77 -6.45 0.00	47.64 -5.29 0.00	38.50 -4.09 0.48	36.90 -3.56 0.00
LOCUSVLY_69_KV_BK2 55797	43.93 2.49 0.00	39.28 2.29 -0.10	36.64 2.04 -0.51	37.13 1.96 -1.31	39.67 2.03 -2.68	44.63 2.43 -0.25	59.42 2.58 0.40	54.29 2.84 0.19	45.13 3.19 0.00	35.23 2.36 -0.95	37.23 2.06 -6.55	36.62 2.15 -5.76	38.17 2.12 -7.79	35.33 2.16 -4.72	35.89 2.22 -4.90	45.92 2.23 -14.35	52.71 2.31 -19.24	60.03 2.77 -20.84	62.47 2.90 -17.59	67.00 3.76 -7.16	70.85 4.57 0.95	56.42 3.39 -0.10	47.32 2.89 -1.36	44.60 2.67 -1.47
LONG_LAKE_PHOENIX 24014	43.30 -1.08 -2.93	37.44 -1.03 -1.59	33.73 -0.95 -0.61	33.46 -0.95 -0.54	34.89 -0.94 -0.88	44.05 -1.09 -3.19	61.74 -1.49 -5.98	54.62 -1.29 -4.27	41.97 -1.13 -1.17	31.15 -0.77 0.00	28.02 -0.60 0.00	28.13 -0.57 0.00	27.70 -0.57 0.00	27.87 -0.57 0.00	28.17 -0.60 0.00	28.70 -0.65 0.00	30.44 -0.72 0.00	35.44 -0.98 0.00	41.25 -1.13 -0.40	57.75 -1.40 -3.07	69.37 -1.68 -3.83	55.40 -1.38 -3.84	44.16 -1.21 -2.29	41.76 -1.13 -2.43
LOVETT___3 23632	43.06 1.62 0.00	38.33 1.44 0.00	35.31 1.23 0.00	35.05 1.19 0.00	36.15 1.19 0.00	43.42 1.47 0.00	59.53 2.29 0.00	53.97 2.32 0.00	44.16 2.22 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.11 1.41 0.00	29.65 1.38 0.00	29.89 1.45 0.00	30.24 1.47 0.00	30.84 1.50 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.04 2.06 0.00	58.77 2.69 0.00	70.72 3.50 0.00	55.37 2.44 0.00	44.97 1.90 0.00	42.20 1.74 0.00
LOVETT___4 23642	43.06 1.62 0.00	38.33 1.44 0.00	35.31 1.23 0.00	35.05 1.19 0.00	36.15 1.19 0.00	43.42 1.47 0.00	59.53 2.29 0.00	53.97 2.32 0.00	44.16 2.22 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.11 1.41 0.00	29.65 1.38 0.00	29.89 1.45 0.00	30.24 1.47 0.00	30.84 1.50 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.04 2.06 0.00	58.77 2.69 0.00	70.72 3.50 0.00	55.37 2.44 0.00	44.97 1.90 0.00	42.20 1.74 0.00
LOVETT___5 23593	43.06 1.62 0.00	38.33 1.44 0.00	35.31 1.23 0.00	35.05 1.19 0.00	36.15 1.19 0.00	43.42 1.47 0.00	59.53 2.29 0.00	53.97 2.32 0.00	44.16 2.22 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.11 1.41 0.00	29.65 1.38 0.00	29.89 1.45 0.00	30.24 1.47 0.00	30.84 1.50 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.04 2.06 0.00	58.77 2.69 0.00	70.72 3.50 0.00	55.37 2.44 0.00	44.97 1.90 0.00	42.20 1.74 0.00

LOWER RAQUET___HYD 24057	40.68 -1.08 -0.32	36.25 -0.81 -0.17	33.40 -0.75 -0.07	33.14 -0.78 -0.06	34.18 -0.87 -0.09	41.50 -0.80 -0.34	56.74 -1.14 -0.64	50.65 -1.45 -0.46	40.72 -1.34 -0.13	30.68 -1.25 0.00	27.37 -1.26 0.00	27.39 -1.32 0.00	26.99 -1.27 0.00	27.22 -1.22 0.00	27.57 -1.21 0.00	28.20 -1.14 0.00	30.07 -1.09 0.00	35.30 -1.13 0.00	40.77 -1.22 0.00	54.73 -1.51 -0.16	66.06 -1.48 -0.32	52.09 -1.16 -0.32	42.46 -0.77 -0.16	39.89 -0.77 -0.20
LOWER___HUDSON 24059	42.98 1.53 0.00	38.26 1.37 0.00	35.34 1.26 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.42 2.17 0.00	53.55 1.91 0.00	43.45 1.51 0.00	32.94 1.02 0.00	29.51 0.89 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.21 0.77 0.00	29.58 0.80 0.00	30.22 0.88 0.00	32.09 0.93 0.00	37.63 1.20 0.00	43.49 1.51 0.00	57.93 1.85 0.00	69.24 2.01 0.00	54.79 1.85 0.00	44.58 1.51 0.00	41.84 1.38 0.00
LOWVILLE_115KV_TB2 356335	42.66 0.41 -0.81	37.84 0.52 -0.44	34.62 0.37 -0.17	34.38 0.37 -0.15	35.72 0.52 -0.24	43.84 1.01 -0.88	60.03 1.14 -1.64	53.07 0.26 -1.17	42.09 -0.17 -0.32	31.38 -0.54 0.00	28.05 -0.57 0.00	28.08 -0.63 0.00	27.47 -0.79 0.00	27.59 -0.85 0.00	28.08 -0.69 0.00	28.61 -0.73 0.00	30.35 -0.81 0.00	35.81 -0.62 0.00	41.81 -0.29 -0.11	57.58 0.50 -1.00	69.29 0.74 -1.32	55.06 0.79 -1.33	44.53 0.69 -0.77	41.83 0.53 -0.84
LUTHERFT_115KV_GLOB_FND_222 355753	43.43 1.99 0.00	38.66 1.77 0.00	35.72 1.64 0.00	35.49 1.63 0.00	36.67 1.71 0.00	44.01 2.06 0.00	60.22 2.98 0.00	54.07 2.43 0.00	43.66 1.72 0.00	32.97 1.05 0.00	29.54 0.92 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.18 0.74 0.00	29.52 0.75 0.00	30.22 0.88 0.00	32.06 0.90 0.00	37.66 1.24 0.00	43.66 1.68 0.00	58.04 1.96 0.00	69.58 2.35 0.00	55.11 2.17 0.00	44.75 1.68 0.00	42.08 1.62 0.00
LUTHERNY_35_KV_BK2 355980	43.47 2.03 0.00	38.66 1.77 0.00	35.75 1.67 0.00	35.52 1.66 0.00	36.67 1.71 0.00	44.01 2.06 0.00	60.22 2.98 0.00	54.12 2.48 0.00	43.66 1.72 0.00	33.01 1.09 0.00	29.54 0.92 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.18 0.74 0.00	29.52 0.75 0.00	30.25 0.91 0.00	32.06 0.90 0.00	37.70 1.27 0.00	43.71 1.72 0.00	58.04 1.96 0.00	69.58 2.35 0.00	55.16 2.22 0.00	44.79 1.72 0.00	42.12 1.66 0.00
LWR___OSWEGATCHIE_HYD 23850	41.43 -0.66 -0.66	36.80 -0.44 -0.35	33.74 -0.48 -0.14	33.51 -0.47 -0.12	34.70 -0.45 -0.20	42.46 -0.21 -0.71	58.12 -0.46 -1.34	51.51 -1.08 -0.95	41.03 -1.17 -0.26	30.68 -1.24 0.00	27.42 -1.20 0.00	27.44 -1.26 0.00	26.96 -1.30 0.00	27.13 -1.31 0.00	27.57 -1.21 0.00	28.14 -1.20 0.00	29.88 -1.28 0.00	35.15 -1.27 0.00	40.88 -1.22 -0.12	55.90 -1.07 -0.89	67.31 -1.01 -1.09	53.34 -0.69 -1.09	43.30 -0.43 -0.66	40.71 -0.45 -0.69
LYONS_FALL_HYD 23570	42.65 0.58 -0.63	37.86 0.63 -0.34	34.72 0.51 -0.13	34.45 0.47 -0.12	35.78 0.63 -0.19	43.69 1.05 -0.69	59.85 1.32 -1.29	53.13 0.57 -0.92	42.36 0.17 -0.25	31.70 -0.22 0.00	28.34 -0.29 0.00	28.36 -0.34 0.00	27.81 -0.45 0.00	27.96 -0.48 0.00	28.43 -0.34 0.00	28.93 -0.41 0.00	30.69 -0.47 0.00	36.17 -0.25 0.00	41.98 0.00 0.00	57.22 0.78 -0.36	68.99 1.07 -0.69	54.69 1.06 -0.69	44.24 0.82 -0.35	41.55 0.65 -0.44
MADISON___COUNTY_LFGE 323628	42.72 0.79 -0.49	37.89 0.74 -0.26	34.83 0.65 -0.10	34.60 0.64 -0.09	35.87 0.77 -0.15	43.53 1.05 -0.53	59.67 1.43 -1.00	53.39 1.03 -0.71	42.80 0.67 -0.19	32.27 0.35 0.00	28.88 0.26 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.61 0.17 0.00	29.03 0.26 0.00	29.55 0.21 0.00	31.38 0.22 0.00	36.83 0.40 0.00	42.47 0.59 0.11	57.43 1.29 -0.06	69.46 1.55 -0.69	54.90 1.27 -0.69	44.27 0.95 -0.25	41.71 0.81 -0.44
MALONE___115KV_TB1 356076	41.57 0.12 0.00	37.11 0.22 0.00	34.28 0.20 0.00	34.03 0.17 0.00	35.03 0.07 0.00	42.24 0.29 0.00	57.64 0.40 0.00	51.80 0.15 0.00	41.94 0.00 0.00	31.70 -0.22 0.00	28.28 -0.34 0.00	28.28 -0.43 0.00	27.89 -0.37 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.16 -0.18 0.00	31.13 -0.03 0.00	36.57 0.15 0.00	42.19 0.21 0.00	56.36 0.28 0.00	67.90 0.67 0.00	53.36 0.42 0.00	43.55 0.47 0.00	40.87 0.40 0.00
MAPLEWOD_115KV_TB3 80458	42.64 1.20 0.00	37.96 1.07 0.00	35.10 1.02 0.00	34.88 1.02 0.00	36.01 1.05 0.00	43.21 1.26 0.00	58.96 1.72 0.00	53.09 1.45 0.00	43.16 1.22 0.00	32.72 0.80 0.00	29.34 0.72 0.00	29.42 0.72 0.00	28.91 0.65 0.00	29.07 0.63 0.00	29.44 0.66 0.00	30.10 0.76 0.00	31.94 0.78 0.00	37.45 1.02 0.00	43.24 1.26 0.00	57.59 1.51 0.00	68.90 1.68 0.00	54.47 1.54 0.00	44.32 1.25 0.00	41.60 1.13 0.00
MAPLE_RIDGE_WT_1 323574	41.32 -0.12 0.00	36.82 -0.07 0.00	34.01 -0.07 0.00	33.79 -0.07 0.00	34.89 -0.07 0.00	41.91 -0.04 0.00	57.19 -0.06 0.00	51.54 -0.10 0.00	41.86 -0.08 0.00	31.83 -0.10 0.00	28.51 -0.11 0.00	28.56 -0.14 0.00	28.09 -0.17 0.00	28.27 -0.17 0.00	28.60 -0.17 0.00	29.17 -0.17 0.00	31.00 -0.16 0.00	36.28 -0.15 0.00	41.86 -0.13 0.00	55.91 -0.17 0.00	67.09 -0.13 0.00	52.78 -0.16 0.00	42.94 -0.13 0.00	40.34 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	41.32 -0.12 0.00	36.82 -0.07 0.00	34.01 -0.07 0.00	33.79 -0.07 0.00	34.89 -0.07 0.00	41.91 -0.04 0.00	57.19 -0.06 0.00	51.54 -0.10 0.00	41.86 -0.08 0.00	31.83 -0.10 0.00	28.51 -0.11 0.00	28.56 -0.14 0.00	28.09 -0.17 0.00	28.27 -0.17 0.00	28.60 -0.17 0.00	29.17 -0.17 0.00	31.00 -0.16 0.00	36.28 -0.15 0.00	41.86 -0.13 0.00	55.91 -0.17 0.00	67.09 -0.13 0.00	52.78 -0.16 0.00	42.94 -0.13 0.00	40.34 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	41.48 0.04 0.00	37.00 0.11 0.00	34.18 0.10 0.00	33.96 0.10 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.47 0.23 0.00	51.69 0.05 0.00	41.86 -0.08 0.00	31.70 -0.22 0.00	28.31 -0.31 0.00	28.33 -0.37 0.00	27.92 -0.34 0.00	28.16 -0.28 0.00	28.54 -0.23 0.00	29.17 -0.17 0.00	31.10 -0.06 0.00	36.46 0.04 0.00	42.11 0.13 0.00	56.19 0.11 0.00	67.63 0.41 0.00	53.20 0.27 0.00	43.37 0.30 0.00	40.75 0.29 0.00
MARSHVLE_115KV_TB1 80742	43.97 2.53 0.00	39.14 2.25 0.00	36.12 2.04 0.00	35.93 2.07 0.00	37.16 2.20 0.00	44.72 2.77 0.00	61.14 3.89 0.00	54.12 2.48 0.00	42.86 0.92 0.00	32.02 0.10 0.00	28.54 -0.09 0.00	28.65 -0.06 0.00	28.26 0.00 0.00	28.41 -0.03 0.00	28.83 0.06 0.00	29.58 0.23 0.00	31.60 0.44 0.00	37.27 0.84 0.00	43.58 1.60 0.00	58.83 2.75 0.00	70.85 3.63 0.00	55.95 3.02 0.00	45.49 2.41 0.00	42.69 2.23 0.00
MARSH_HILL_WT_PWR 323713	40.62 -1.12 -0.30	35.54 -1.51 -0.16	33.19 -0.95 -0.06	33.17 -0.75 -0.05	34.31 -0.74 -0.09	40.97 -1.30 -0.32	55.39 -2.46 -0.61	50.63 -1.45 -0.43	40.38 -1.68 -0.12	30.87 -1.05 0.00	27.68 -0.94 0.00	27.67 -1.03 0.00	27.30 -0.96 0.00	27.39 -1.05 0.00	27.48 -1.29 0.00	27.87 -1.47 0.00	29.15 -1.99 0.01	34.36 -2.04 0.03	40.05 -1.55 0.39	53.57 -1.63 0.88	65.22 -2.35 -0.35	51.02 -2.27 -0.35	41.15 -1.72 0.19	39.15 -1.54 -0.22

MCINTYRE_115KV_TB2 80467	41.78 0.08 -0.26	37.25 0.22 -0.14	34.34 0.20 -0.05	34.08 0.17 -0.05	35.17 0.14 -0.08	42.65 0.42 -0.28	58.23 0.46 -0.53	51.86 -0.15 -0.38	41.66 -0.38 -0.10	31.35 -0.57 0.00	27.91 -0.72 0.00	27.93 -0.78 0.00	27.53 -0.73 0.00	27.76 -0.68 0.00	28.11 -0.66 0.00	28.78 -0.56 0.00	30.69 -0.47 0.00	36.10 -0.33 0.00	41.82 -0.17 0.00	56.42 0.11 -0.23	68.13 0.47 -0.44	53.80 0.42 -0.44	43.72 0.43 -0.22	41.15 0.40 -0.28
MECO____69_KV_BK1 80468	44.34 2.90 0.00	39.44 2.55 0.00	36.40 2.32 0.00	36.23 2.37 0.00	37.47 2.52 0.00	45.06 3.10 0.00	61.71 4.47 0.00	54.48 2.84 0.00	43.16 1.22 0.00	32.24 0.32 0.00	28.71 0.09 0.00	28.76 0.06 0.00	28.29 0.03 0.00	28.41 -0.03 0.00	28.83 0.06 0.00	29.66 0.32 0.00	31.69 0.53 0.00	37.41 0.98 0.00	43.87 1.89 0.00	59.28 3.20 0.00	71.39 4.17 0.00	56.38 3.44 0.00	45.74 2.67 0.00	42.97 2.51 0.00
MENANDS__115KV_TB5 355628	42.48 1.04 0.00	37.81 0.92 0.00	35.00 0.92 0.00	34.74 0.88 0.00	35.87 0.91 0.00	43.04 1.09 0.00	58.73 1.49 0.00	52.88 1.24 0.00	43.07 1.13 0.00	32.65 0.73 0.00	29.26 0.63 0.00	29.37 0.66 0.00	28.85 0.59 0.00	29.01 0.57 0.00	29.38 0.60 0.00	30.04 0.70 0.00	31.88 0.72 0.00	37.37 0.95 0.00	43.08 1.09 0.00	57.37 1.29 0.00	68.64 1.41 0.00	54.26 1.32 0.00	44.19 1.12 0.00	41.43 0.97 0.00
MG INDUSTRY___DRP 24185	42.56 1.12 0.00	37.89 1.00 0.00	35.07 0.99 0.00	34.84 0.98 0.00	35.94 0.98 0.00	43.13 1.17 0.00	58.79 1.55 0.00	52.78 1.14 0.00	42.86 0.92 0.00	32.46 0.54 0.00	29.08 0.46 0.00	29.17 0.46 0.00	28.66 0.40 0.00	28.84 0.40 0.00	29.18 0.40 0.00	29.84 0.50 0.00	31.66 0.50 0.00	37.19 0.76 0.00	42.99 1.01 0.00	57.37 1.29 0.00	68.77 1.55 0.00	54.31 1.38 0.00	44.23 1.16 0.00	41.51 1.05 0.00
MID____OSWEGATCHIE_HYD 23849	41.43 -0.66 -0.66	36.80 -0.44 -0.35	33.74 -0.48 -0.14	33.51 -0.47 -0.12	34.70 -0.45 -0.20	42.46 -0.21 -0.71	58.12 -0.46 -1.34	51.51 -1.08 -0.95	41.03 -1.17 -0.26	30.68 -1.24 0.00	27.42 -1.20 0.00	27.44 -1.26 0.00	26.96 -1.30 0.00	27.13 -1.31 0.00	27.57 -1.21 0.00	28.14 -1.20 0.00	29.88 -1.28 0.00	35.15 -1.27 0.00	40.88 -1.22 -0.12	55.90 -1.07 -0.89	67.31 -1.01 -1.09	53.34 -0.69 -1.09	43.30 -0.43 -0.66	40.71 -0.45 -0.69
MID____RAQUETTE_HYD 23851	40.68 -1.08 -0.32	36.25 -0.81 -0.17	33.40 -0.75 -0.07	33.14 -0.78 -0.06	34.18 -0.87 -0.09	41.50 -0.80 -0.34	56.74 -1.14 -0.64	50.65 -1.45 -0.46	40.72 -1.34 -0.13	30.68 -1.24 0.00	27.37 -1.26 0.00	27.39 -1.32 0.00	26.99 -1.27 0.00	27.22 -1.22 0.00	27.57 -1.21 0.00	28.20 -1.14 0.00	30.07 -1.09 0.00	35.30 -1.13 0.00	40.77 -1.22 0.00	54.89 -1.46 -0.27	66.28 -1.48 -0.53	52.30 -1.16 -0.53	42.56 -0.78 -0.27	40.03 -0.77 -0.34
MILLIKEN___1 23584	42.99 0.58 -0.96	37.82 0.41 -0.52	34.65 0.37 -0.20	34.45 0.41 -0.18	35.74 0.49 -0.29	43.59 0.59 -1.05	60.01 0.80 -1.96	53.82 0.77 -1.40	42.74 0.42 -0.38	32.18 0.26 0.00	28.86 0.23 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.46 0.12 0.00	31.34 0.19 0.00	36.71 0.29 0.01	42.40 0.55 0.13	57.38 1.01 -0.29	69.70 1.21 -1.26	55.00 0.79 -1.27	44.15 0.56 -0.52	41.75 0.49 -0.80
MILLIKEN___2 23585	42.99 0.58 -0.96	37.82 0.41 -0.52	34.65 0.37 -0.20	34.45 0.41 -0.18	35.74 0.49 -0.29	43.59 0.59 -1.05	60.01 0.80 -1.96	53.82 0.77 -1.40	42.74 0.42 -0.38	32.18 0.26 0.00	28.86 0.23 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.46 0.12 0.00	31.34 0.19 0.00	36.71 0.29 0.01	42.40 0.55 0.13	57.38 1.01 -0.29	69.70 1.21 -1.26	55.00 0.79 -1.27	44.15 0.56 -0.52	41.75 0.49 -0.80
MILLIKEN___DIESEL 23629	42.99 0.58 -0.96	37.82 0.41 -0.52	34.65 0.37 -0.20	34.45 0.41 -0.18	35.74 0.49 -0.29	43.59 0.59 -1.05	60.01 0.80 -1.96	53.82 0.77 -1.40	42.74 0.42 -0.38	32.18 0.26 0.00	28.86 0.23 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.46 0.12 0.00	31.34 0.19 0.00	36.71 0.29 0.01	42.40 0.55 0.13	57.38 1.01 -0.29	69.70 1.21 -1.26	55.00 0.79 -1.27	44.15 0.56 -0.52	41.75 0.49 -0.80
MILLSEAT___LFGE 323607	40.03 -1.41 0.00	35.05 -1.84 0.00	32.65 -1.43 0.00	32.61 -1.25 0.00	33.70 -1.26 0.00	39.77 -2.18 0.00	53.29 -3.95 0.00	49.21 -2.43 0.00	39.67 -2.27 0.00	30.64 -1.28 0.00	27.60 -1.03 0.00	27.59 -1.12 0.00	27.16 -1.10 0.00	27.28 -1.17 0.00	27.28 -1.50 0.00	27.67 -1.67 0.00	28.69 -2.46 0.01	33.64 -2.77 0.02	38.86 -2.60 0.52	51.28 -3.36 1.44	62.38 -4.84 0.00	48.97 -3.97 0.00	39.45 -3.14 0.48	37.71 -2.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.14 1.70 0.00	38.37 1.48 0.00	35.38 1.30 0.00	35.08 1.22 0.00	36.22 1.26 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.07 2.43 0.00	44.25 2.31 0.00	33.52 1.60 0.00	30.00 1.37 0.00	30.17 1.46 0.00	29.70 1.44 0.00	29.92 1.48 0.00	30.30 1.53 0.00	30.90 1.56 0.00	32.75 1.59 0.00	38.47 2.04 0.00	44.08 2.10 0.00	58.83 2.75 0.00	70.85 3.63 0.00	55.48 2.54 0.00	45.05 1.98 0.00	42.28 1.82 0.00
MILLWOOD_13_KV_LOAD 356217	43.22 1.78 0.00	38.44 1.55 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.54 1.59 0.00	59.71 2.46 0.00	54.17 2.53 0.00	44.33 2.39 0.00	33.55 1.63 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.92 1.58 0.00	32.81 1.65 0.00	38.50 2.08 0.00	44.17 2.18 0.00	58.94 2.86 0.00	70.99 3.76 0.00	55.53 2.59 0.00	45.14 2.07 0.00	42.32 1.86 0.00
MODEL_CITY_ENERGY 24167	38.87 -2.57 0.00	34.01 -2.88 0.00	31.80 -2.28 0.00	31.76 -2.10 0.00	32.76 -2.20 0.00	38.43 -3.52 0.00	51.23 -6.01 0.00	47.46 -4.18 0.00	38.46 -3.48 0.00	29.88 -2.04 0.00	26.96 -1.66 0.00	26.93 -1.78 0.00	26.51 -1.75 0.00	26.59 -1.85 0.00	26.59 -2.19 0.00	26.91 -2.43 0.00	27.82 -3.33 0.01	32.47 -3.93 0.02	37.57 -3.90 0.52	49.39 -5.27 1.41	60.03 -7.19 0.00	47.11 -5.82 0.00	38.03 -4.57 0.47	36.50 -3.96 0.00
MODERN_LFGE___ 323580	38.87 -2.57 0.00	34.01 -2.88 0.00	31.80 -2.28 0.00	31.76 -2.10 0.00	32.76 -2.20 0.00	38.43 -3.52 0.00	51.23 -6.01 0.00	47.46 -4.18 0.00	38.46 -3.48 0.00	29.88 -2.04 0.00	26.96 -1.66 0.00	26.93 -1.78 0.00	26.51 -1.75 0.00	26.59 -1.85 0.00	26.59 -2.19 0.00	26.91 -2.43 0.00	27.82 -3.33 0.01	32.47 -3.93 0.02	37.57 -3.90 0.52	49.39 -5.27 1.41	60.03 -7.19 0.00	47.11 -5.82 0.00	38.03 -4.57 0.47	36.50 -3.96 0.00
MOHAWK_PAPER___DRP 24187	42.64 1.20 0.00	37.96 1.07 0.00	35.10 1.02 0.00	34.88 1.02 0.00	36.01 1.05 0.00	43.21 1.26 0.00	58.96 1.72 0.00	53.09 1.45 0.00	43.16 1.22 0.00	32.72 0.80 0.00	29.34 0.72 0.00	29.42 0.72 0.00	28.91 0.65 0.00	29.07 0.63 0.00	29.44 0.66 0.00	30.10 0.76 0.00	31.94 0.78 0.00	37.45 1.02 0.00	43.24 1.26 0.00	57.59 1.51 0.00	68.90 1.68 0.00	54.47 1.54 0.00	44.32 1.25 0.00	41.60 1.13 0.00

MOHICAN__35_KV_115KV_LD 80490	43.89 2.45 0.00	39.03 2.14 0.00	36.06 1.98 0.00	35.86 2.00 0.00	37.05 2.10 0.00	44.51 2.56 0.00	61.02 3.78 0.00	54.69 3.05 0.00	43.95 2.01 0.00	33.13 1.21 0.00	29.63 1.00 0.00	29.68 0.98 0.00	29.17 0.90 0.00	29.13 0.68 0.00	29.47 0.69 0.00	30.22 0.88 0.00	32.00 0.84 0.00	37.70 1.27 0.00	43.83 1.85 0.00	57.65 1.57 0.00	69.11 1.88 0.00	55.00 2.06 0.00	44.62 1.55 0.00	42.04 1.58 0.00
MONGAUP__HYD 23641	42.89 1.45 0.00	38.18 1.29 0.00	35.20 1.12 0.00	34.95 1.08 0.00	36.08 1.12 0.00	43.29 1.34 0.00	59.36 2.12 0.00	53.60 1.96 0.00	43.53 1.59 0.00	33.10 1.18 0.00	29.60 0.97 0.00	29.71 1.00 0.00	29.25 0.99 0.00	29.50 1.05 0.00	29.87 1.09 0.00	30.46 1.11 0.00	32.37 1.21 0.00	38.10 1.68 0.00	43.62 1.64 0.00	58.60 2.53 0.00	70.32 3.09 0.00	55.11 2.17 0.00	44.84 1.77 0.00	42.04 1.58 0.00
MONTAUK__DIESEL 23721	42.60 1.16 0.00	38.25 1.29 -0.07	35.92 1.33 -0.51	36.52 1.35 -1.31	39.18 1.54 -2.68	44.25 2.06 -0.25	60.51 1.09 -2.18	54.42 1.76 -1.02	44.50 2.56 0.00	34.91 2.04 -0.95	36.77 1.63 -6.52	34.51 1.58 -4.22	34.90 1.22 -5.43	34.47 1.34 -4.69	35.03 1.38 -4.87	40.63 1.29 -10.00	46.21 1.65 -13.40	54.67 2.19 -16.06	58.90 2.06 -14.86	67.76 2.36 -9.33	74.84 2.42 -5.20	57.02 1.85 -2.23	45.66 1.64 -0.95	43.18 1.70 -1.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.70 -0.75 0.00	35.67 -1.22 0.00	33.40 -0.68 0.00	33.42 -0.44 0.00	34.43 -0.52 0.00	40.61 -1.34 0.00	54.61 -2.63 0.00	50.35 -1.29 0.00	40.76 -1.17 0.00	31.51 -0.41 0.00	28.40 -0.23 0.00	28.31 -0.40 0.00	27.81 -0.45 0.00	27.85 -0.60 0.00	27.83 -0.95 0.00	27.76 -1.58 0.00	29.28 -1.87 0.01	34.29 -2.11 0.02	39.69 -1.81 0.49	52.28 -2.47 1.34	63.66 -3.56 0.00	49.76 -3.18 0.00	40.25 -2.37 0.45	38.36 -2.10 0.00
MORRIS_RIDGE__SOLAR 323848	40.11 -1.33 0.00	35.16 -1.73 0.00	32.85 -1.23 0.00	32.81 -1.05 0.00	33.87 -1.08 0.00	40.06 -1.89 0.00	53.81 -3.43 0.00	49.32 -2.32 0.00	39.63 -2.31 0.00	30.48 -1.44 0.00	27.40 -1.23 0.00	27.42 -1.29 0.00	27.02 -1.24 0.00	27.11 -1.34 0.00	27.16 -1.61 0.00	27.52 -1.82 0.00	28.65 -2.49 0.01	33.63 -2.77 0.03	39.13 -2.44 0.42	52.00 -2.92 1.16	63.32 -3.90 0.00	49.50 -3.44 0.00	40.04 -2.63 0.40	38.11 -2.35 0.00
MORTIMER_115KV_TB3 55949	40.70 -0.75 0.00	35.86 -1.03 0.00	33.23 -0.85 0.00	33.12 -0.74 0.00	34.26 -0.70 0.00	40.82 -1.13 0.00	55.24 -2.00 0.00	50.51 -1.14 0.00	40.81 -1.13 0.00	31.31 -0.61 0.00	28.17 -0.46 0.00	28.22 -0.49 0.00	27.78 -0.48 0.00	27.96 -0.48 0.00	28.11 -0.66 0.00	28.34 -1.00 0.00	30.03 -1.12 0.00	34.99 -1.42 0.01	40.16 -1.26 0.56	52.85 -1.68 1.55	64.80 -2.42 0.00	50.93 -2.01 0.00	40.75 -1.81 0.51	38.93 -1.54 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.31 1.86 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.18 1.32 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.82 2.58 0.00	54.33 2.69 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.17 1.55 0.00	30.34 1.64 0.00	29.87 1.61 0.00	30.09 1.65 0.00	30.47 1.70 0.00	31.04 1.70 0.00	32.94 1.78 0.00	38.68 2.26 0.00	44.34 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
MUNSVILLE_WIND_PWR 323609	44.11 2.03 -0.64	39.15 1.92 -0.35	35.92 1.70 -0.13	35.74 1.76 -0.12	37.21 2.06 -0.19	45.46 2.81 -0.70	62.55 4.01 -1.31	55.67 3.10 -0.93	44.25 2.05 -0.25	33.10 1.18 0.00	29.37 0.74 0.00	29.34 0.63 0.00	28.80 0.54 0.00	28.96 0.51 0.00	29.50 0.72 0.00	30.02 0.68 0.00	31.88 0.72 0.00	37.89 1.46 0.00	44.01 2.14 0.12	60.35 4.15 -0.12	72.99 4.90 -0.86	57.82 4.02 -0.87	46.42 3.01 -0.34	43.72 2.71 -0.55
N SALMON__HYD 24042	41.57 0.12 0.00	37.11 0.22 0.00	34.29 0.21 0.00	34.03 0.17 0.00	35.03 0.07 0.00	42.25 0.30 0.00	57.65 0.40 0.00	51.80 0.16 0.00	41.94 0.00 0.00	31.70 -0.22 0.00	28.28 -0.34 0.00	28.28 -0.43 0.00	27.89 -0.37 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.14 -0.20 0.00	31.13 -0.03 0.00	36.57 0.15 0.00	42.20 0.21 0.00	56.36 0.28 0.00	67.90 0.67 0.00	53.36 0.42 0.00	43.55 0.47 0.00	40.87 0.40 0.00
N.AKRON__115KV_KNAPP 355671	39.95 -1.49 0.00	35.01 -1.88 0.00	32.61 -1.47 0.00	32.61 -1.25 0.00	33.70 -1.26 0.00	39.69 -2.27 0.00	53.12 -4.12 0.00	49.11 -2.53 0.00	39.63 -2.31 0.00	30.64 -1.28 0.00	27.60 -1.03 0.00	27.56 -1.15 0.00	27.13 -1.13 0.00	27.22 -1.22 0.00	27.25 -1.53 0.00	27.20 -2.14 0.00	28.66 -2.49 0.01	33.46 -2.95 0.02	38.81 -2.65 0.53	51.03 -3.59 1.46	62.25 -4.97 0.00	48.81 -4.13 0.00	39.22 -3.36 0.49	37.63 -2.83 0.00
N.BELMOR_69_KV_BK1 55787	43.97 2.53 0.00	39.38 2.40 -0.10	36.70 2.11 -0.51	37.23 2.07 -1.31	39.74 2.10 -2.68	44.72 2.52 -0.25	59.82 2.58 0.00	54.43 2.79 0.00	45.17 3.23 0.00	35.30 2.43 -0.95	37.26 2.09 -6.54	36.33 2.18 -5.44	37.68 2.12 -7.30	35.35 2.19 -4.72	35.89 2.22 -4.89	45.01 2.23 -13.44	51.49 2.31 -18.02	59.02 2.84 -19.75	61.84 2.98 -16.87	67.31 3.87 -7.36	71.86 4.64 0.00	56.80 3.44 -0.42	47.28 2.93 -1.28	44.59 2.75 -1.37
N.E_GEN_SANDY PD 24062	43.40 1.53 -0.42	41.20 1.37 -2.94	39.00 1.26 -3.66	38.40 1.22 -3.32	39.30 1.26 -3.09	50.85 1.51 -7.39	59.00 2.06 0.30	57.00 2.01 -3.35	43.70 1.76 0.00	35.80 1.24 -2.64	33.90 1.09 -4.19	31.60 1.12 -1.77	30.20 1.10 -0.84	29.50 1.05 0.00	30.10 1.12 -0.20	31.00 1.14 -0.52	41.00 1.18 -8.66	47.00 1.49 -9.08	61.61 1.72 -17.90	63.72 2.18 -5.46	69.58 2.35 0.00	58.00 2.06 -3.00	51.21 1.68 -6.46	42.00 1.54 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.14 1.70 0.00	38.37 1.48 0.00	35.38 1.30 0.00	35.12 1.25 0.00	36.22 1.26 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.07 2.43 0.00	44.20 2.26 0.00	33.52 1.60 0.00	29.97 1.35 0.00	30.14 1.44 0.00	29.67 1.41 0.00	29.92 1.48 0.00	30.27 1.50 0.00	30.90 1.56 0.00	32.75 1.59 0.00	38.43 2.00 0.00	44.13 2.14 0.00	58.88 2.80 0.00	70.85 3.63 0.00	55.48 2.54 0.00	45.05 1.98 0.00	42.28 1.82 0.00
N.QUEENS_27_KV_LOAD 356247	43.27 1.82 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.29 1.34 0.00	59.36 2.12 0.00	54.02 2.38 0.00	44.37 2.43 0.00	33.64 1.72 0.00	30.06 1.43 0.00	30.23 1.52 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.90 1.56 0.00	32.84 1.68 0.00	38.54 2.11 0.00	44.08 2.10 0.00	58.83 2.75 0.00	71.06 3.83 0.00	55.37 2.44 0.00	44.92 1.85 0.00	42.28 1.82 0.00
N.TROY__115KV_TB1 355778	42.98 1.53 0.00	38.26 1.36 0.00	35.34 1.26 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.42 2.18 0.00	53.55 1.91 0.00	43.45 1.51 0.00	32.94 1.02 0.00	29.51 0.89 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.21 0.77 0.00	29.58 0.81 0.00	30.25 0.91 0.00	32.09 0.93 0.00	37.63 1.20 0.00	43.50 1.51 0.00	57.93 1.85 0.00	69.24 2.02 0.00	54.79 1.85 0.00	44.58 1.51 0.00	41.84 1.38 0.00

NARROWS_GT1_1 24228	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT1_2 24229	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT1_3 24230	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT1_4 24231	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT1_5 24232	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT1_6 24233	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT1_7 24234	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT1_8 24235	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT2_1 24236	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT2_2 24237	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT2_3 24238	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT2_4 24239	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT2_5 24240	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT2_6 24241	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NARROWS_GT2_7 24242	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00



NARROWS_GT2_8 24243	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.14 1.70 0.00	38.40 1.51 0.00	35.55 1.47 0.00	35.32 1.46 0.00	36.46 1.50 0.00	43.75 1.80 0.00	59.82 2.58 0.00	53.50 1.86 0.00	43.16 1.22 0.00	32.56 0.64 0.00	29.11 0.49 0.00	29.20 0.49 0.00	28.69 0.42 0.00	28.87 0.43 0.00	29.24 0.46 0.00	29.96 0.62 0.00	31.85 0.69 0.00	37.48 1.06 0.00	43.45 1.47 0.00	58.27 2.19 0.00	69.71 2.49 0.00	55.05 2.12 0.00	44.88 1.81 0.00	42.12 1.66 0.00
NCHELSEA_115KV_TR2 355582	43.31 1.86 0.00	38.55 1.66 0.00	35.55 1.47 0.00	35.28 1.42 0.00	36.39 1.43 0.00	43.67 1.72 0.00	59.88 2.63 0.00	54.17 2.53 0.00	44.16 2.22 0.00	33.39 1.47 0.00	29.89 1.26 0.00	30.03 1.32 0.00	29.56 1.30 0.00	29.81 1.37 0.00	30.19 1.41 0.00	30.84 1.50 0.00	32.69 1.53 0.00	38.39 1.97 0.00	44.13 2.14 0.00	59.05 2.97 0.00	70.92 3.70 0.00	55.58 2.65 0.00	45.22 2.15 0.00	42.41 1.94 0.00
NEG CAPITAL___MECHNVIL 23645	43.51 2.07 0.00	38.70 1.81 0.00	35.75 1.67 0.00	35.52 1.66 0.00	36.70 1.75 0.00	44.05 2.10 0.00	60.28 3.03 0.00	54.17 2.53 0.00	43.74 1.80 0.00	33.07 1.15 0.00	29.60 0.97 0.00	29.68 0.98 0.00	29.17 0.90 0.00	29.27 0.83 0.00	29.61 0.84 0.00	30.31 0.97 0.00	32.16 1.00 0.00	37.77 1.35 0.00	43.79 1.80 0.00	58.26 2.18 0.00	69.78 2.55 0.00	55.32 2.38 0.00	44.88 1.81 0.00	42.20 1.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.03 -1.41 0.00	35.38 -1.51 0.00	32.72 -1.36 0.00	32.61 -1.25 0.00	33.73 -1.22 0.00	40.31 -1.64 0.00	54.67 -2.57 0.00	49.83 -1.81 0.00	40.26 -1.68 0.00	30.84 -1.09 0.00	27.74 -0.89 0.00	27.82 -0.89 0.00	27.39 -0.88 0.00	27.56 -0.88 0.00	27.74 -1.03 0.00	28.26 -1.09 0.00	29.75 -1.40 0.00	34.74 -1.67 0.01	39.77 -1.72 0.49	52.54 -2.19 1.35	64.20 -3.02 0.00	50.45 -2.49 0.00	40.52 -2.11 0.45	38.52 -1.94 0.00
NEG CENTRAL___DRP 24199	42.18 -0.21 -0.94	37.00 -0.41 -0.51	33.97 -0.31 -0.19	33.80 -0.24 -0.17	35.03 -0.21 -0.28	42.68 -0.29 -1.03	58.54 -0.63 -1.92	52.70 -0.31 -1.37	41.89 -0.42 -0.38	31.67 -0.26 0.00	28.43 -0.20 0.00	28.51 -0.20 0.00	28.06 -0.20 0.00	28.22 -0.23 0.00	28.46 -0.32 0.00	28.87 -0.47 0.00	30.66 -0.50 0.00	35.83 -0.58 0.01	41.39 -0.38 0.21	55.68 -0.45 -0.05	67.78 -0.67 -1.23	53.43 -0.74 -1.24	42.89 -0.60 -0.42	40.72 -0.53 -0.78
NEG CENTRAL___INDECK 23768	41.69 0.25 0.00	36.63 -0.26 0.00	34.01 -0.07 0.00	33.96 0.10 0.00	35.13 0.18 0.00	41.91 -0.04 0.00	56.67 -0.57 0.00	51.74 0.10 0.00	41.35 -0.59 0.00	31.54 -0.38 0.00	28.31 -0.31 0.00	28.33 -0.37 0.00	27.89 -0.37 0.00	28.02 -0.43 0.00	28.14 -0.63 0.00	28.61 -0.73 0.00	30.06 -1.09 0.01	35.38 -1.02 0.02	41.15 -0.38 0.46	54.82 0.00 1.26	66.76 -0.47 0.00	52.30 -0.63 0.00	42.04 -0.60 0.43	39.90 -0.57 0.00
NEG CENTRAL___SENECA 23627	41.80 -0.12 -0.48	36.71 -0.44 -0.26	33.91 -0.27 -0.10	33.75 -0.20 -0.09	34.96 -0.14 -0.14	42.18 -0.29 -0.52	57.37 -0.86 -0.98	51.98 -0.36 -0.70	41.67 -0.46 -0.19	31.63 -0.29 0.00	28.40 -0.23 0.00	28.45 -0.26 0.00	28.01 -0.25 0.00	28.16 -0.28 0.00	28.34 -0.43 0.00	28.70 -0.65 0.00	30.47 -0.69 0.01	35.65 -0.76 0.01	41.20 -0.42 0.36	54.85 -0.56 0.67	66.97 -0.87 -0.62	52.60 -0.95 -0.62	42.36 -0.69 0.02	40.25 -0.61 -0.39
NEG CENTRAL___STATE_STREET 24147	42.59 -0.12 -1.28	37.32 -0.26 -0.69	34.10 -0.24 -0.26	33.90 -0.20 -0.24	35.20 -0.14 -0.38	43.17 -0.17 -1.39	59.61 -0.23 -2.60	53.45 -0.05 -1.86	42.24 -0.21 -0.51	31.79 -0.13 0.00	28.54 -0.09 0.00	28.62 -0.09 0.00	28.20 -0.06 0.00	28.39 -0.06 0.00	28.66 -0.12 0.00	29.14 -0.21 0.00	30.97 -0.19 0.00	36.13 -0.29 0.01	41.76 -0.13 0.10	56.67 0.00 -0.59	68.76 -0.13 -1.67	54.40 -0.21 -1.68	43.56 -0.26 -0.75	41.24 -0.28 -1.06
NEG MILLWOOD___DRP 24198	43.39 1.95 0.00	38.62 1.73 0.00	35.65 1.57 0.00	35.35 1.49 0.00	36.46 1.50 0.00	43.80 1.85 0.00	60.11 2.86 0.00	54.38 2.74 0.00	44.41 2.47 0.00	33.55 1.63 0.00	30.00 1.37 0.00	30.14 1.44 0.00	29.73 1.47 0.00	29.98 1.54 0.00	30.33 1.55 0.00	30.98 1.64 0.00	32.81 1.65 0.00	38.54 2.11 0.00	44.21 2.23 0.00	59.11 3.03 0.00	71.12 3.90 0.00	55.74 2.81 0.00	45.40 2.33 0.00	42.49 2.02 0.00
NEG NORTH_FLCN_SEA 23793	41.94 0.50 0.00	37.41 0.52 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.38 0.42 0.00	42.58 0.63 0.00	58.10 0.86 0.00	52.21 0.57 0.00	42.27 0.34 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.44 0.28 0.00	36.90 0.47 0.00	42.57 0.59 0.00	56.86 0.79 0.00	68.37 1.14 0.00	53.78 0.85 0.00	43.85 0.78 0.00	41.19 0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	41.52 0.08 0.00	37.04 0.15 0.00	34.22 0.14 0.00	34.00 0.14 0.00	35.03 0.07 0.00	42.16 0.21 0.00	57.53 0.29 0.00	51.69 0.05 0.00	41.86 -0.08 0.00	31.70 -0.22 0.00	28.28 -0.34 0.00	28.28 -0.43 0.00	27.87 -0.40 0.00	28.13 -0.31 0.00	28.49 -0.29 0.00	29.16 -0.18 0.00	31.10 -0.06 0.00	36.50 0.07 0.00	42.15 0.17 0.00	56.30 0.22 0.00	67.76 0.54 0.00	53.26 0.32 0.00	43.42 0.34 0.00	40.79 0.32 0.00
NEG NORTH___ALICE_FALLS 23915	41.98 0.54 0.00	37.44 0.55 0.00	34.59 0.51 0.00	34.37 0.51 0.00	35.38 0.42 0.00	42.62 0.67 0.00	58.16 0.92 0.00	52.31 0.67 0.00	42.36 0.42 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.47 0.31 0.00	36.97 0.55 0.00	42.66 0.67 0.00	56.98 0.90 0.00	68.57 1.34 0.00	53.89 0.95 0.00	43.98 0.90 0.00	41.27 0.81 0.00
NEG NORTH___LWR_SARANAC 23913	41.98 0.54 0.00	37.44 0.55 0.00	34.59 0.51 0.00	34.37 0.51 0.00	35.38 0.42 0.00	42.62 0.67 0.00	58.16 0.92 0.00	52.31 0.67 0.00	42.36 0.42 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.47 0.31 0.00	36.97 0.55 0.00	42.66 0.67 0.00	56.98 0.90 0.00	68.57 1.34 0.00	53.89 0.95 0.00	43.98 0.90 0.00	41.27 0.81 0.00
NEG NORTH___PLATTSBURG 23628	41.98 0.54 0.00	37.44 0.55 0.00	34.59 0.51 0.00	34.37 0.51 0.00	35.38 0.42 0.00	42.62 0.67 0.00	58.16 0.91 0.00	52.31 0.67 0.00	42.36 0.42 0.00	32.02 0.10 0.00	28.57 -0.06 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.49 0.15 0.00	31.47 0.31 0.00	36.97 0.55 0.00	42.65 0.67 0.00	56.92 0.84 0.00	68.57 1.34 0.00	53.89 0.95 0.00	43.93 0.86 0.00	41.27 0.81 0.00

NEG WEST_LEA_LOCKPORT 23791	39.29 -2.15 0.00	34.38 -2.51 0.00	32.14 -1.94 0.00	32.14 -1.73 0.00	33.14 -1.82 0.00	38.85 -3.10 0.00	51.81 -5.44 0.00	48.03 -3.61 0.00	38.88 -3.06 0.00	30.17 -1.76 0.00	27.22 -1.40 0.00	27.19 -1.52 0.00	26.76 -1.50 0.00	26.82 -1.62 0.00	26.85 -1.93 0.00	26.70 -2.64 0.00	28.10 -3.05 0.01	32.73 -3.68 0.02	37.97 -3.48 0.53	49.81 -4.82 1.45	60.77 -6.45 0.00	47.64 -5.29 0.00	38.32 -4.26 0.49	36.90 -3.56 0.00
NEG WEST___LANCASTR 23811	39.29 -2.15 0.00	34.38 -2.51 0.00	32.14 -1.94 0.00	32.10 -1.76 0.00	33.07 -1.89 0.00	39.01 -2.94 0.00	52.38 -4.87 0.00	48.18 -3.46 0.00	38.88 -3.06 0.00	30.10 -1.82 0.00	27.11 -1.52 0.00	27.07 -1.64 0.00	26.65 -1.61 0.00	26.68 -1.76 0.00	26.70 -2.07 0.00	26.70 -2.64 0.00	28.16 -2.99 0.01	33.27 -3.13 0.02	38.14 -3.36 0.49	50.14 -4.60 1.34	61.17 -6.05 0.00	47.80 -5.13 0.00	39.21 -3.40 0.46	37.02 -3.44 0.00
NEG_PENN_ALLEGHNY 23528	42.36 0.29 -0.63	37.42 0.19 -0.34	34.42 0.21 -0.13	34.18 0.20 -0.12	35.39 0.25 -0.19	42.85 0.21 -0.68	58.81 0.29 -1.28	52.97 0.41 -0.91	42.44 0.25 -0.25	32.15 0.23 0.00	28.83 0.20 0.00	28.94 0.23 0.00	28.49 0.23 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.49 0.15 0.00	31.26 0.09 -0.01	36.59 0.15 -0.02	42.15 0.30 0.13	56.67 0.50 -0.09	68.61 0.54 -0.85	54.05 0.27 -0.85	43.62 0.22 -0.34	41.16 0.16 -0.54
NEG___GEN_MONROE 24207	40.70 -0.75 0.00	35.86 -1.03 0.00	33.26 -0.82 0.00	33.19 -0.68 0.00	34.29 -0.66 0.00	40.82 -1.13 0.00	55.18 -2.06 0.00	50.45 -1.19 0.00	40.72 -1.22 0.00	31.25 -0.67 0.00	28.08 -0.54 0.00	28.08 -0.63 0.00	27.64 -0.62 0.00	27.73 -0.71 0.00	27.85 -0.92 0.00	28.05 -1.29 0.00	29.66 -1.50 0.00	34.56 -1.86 0.01	39.78 -1.64 0.56	52.40 -2.13 1.54	64.20 -3.03 0.00	50.50 -2.44 0.00	40.41 -2.15 0.51	38.64 -1.82 0.00
NEPA___ENERGY 23901	40.45 -0.99 0.00	35.38 -1.51 0.00	33.09 -0.99 0.00	33.08 -0.78 0.00	34.08 -0.87 0.00	40.19 -1.76 0.00	53.98 -3.26 0.00	49.73 -1.91 0.00	40.30 -1.64 0.00	31.19 -0.73 0.00	28.11 -0.52 0.00	28.08 -0.63 0.00	27.61 -0.65 0.00	27.68 -0.77 0.00	27.71 -1.06 0.00	27.64 -1.70 0.00	29.13 -2.03 0.01	34.07 -2.33 0.02	39.44 -2.06 0.49	51.94 -2.80 1.34	63.26 -3.97 0.00	49.39 -3.55 0.00	39.90 -2.71 0.46	38.16 -2.31 0.00
NEVERSINK___HYD 23608	43.68 2.24 0.00	38.92 2.03 0.00	35.92 1.84 0.00	35.66 1.79 0.00	36.77 1.82 0.00	44.17 2.22 0.00	60.51 3.26 0.00	54.58 2.94 0.00	44.29 2.35 0.00	33.48 1.56 0.00	29.88 1.26 0.00	30.03 1.32 0.00	29.53 1.27 0.00	29.75 1.31 0.00	30.13 1.35 0.00	30.75 1.41 0.00	32.63 1.46 0.00	38.39 1.97 0.00	44.17 2.18 0.00	59.33 3.25 0.00	71.19 3.97 0.00	55.79 2.86 0.00	45.35 2.28 0.00	42.57 2.10 0.00
NEWKRMKL_115KV_TB1 55635	42.19 0.75 0.00	37.52 0.63 0.00	34.80 0.72 0.00	34.54 0.68 0.00	35.62 0.66 0.00	42.79 0.84 0.00	58.39 1.14 0.00	52.47 0.83 0.00	42.74 0.80 0.00	32.40 0.48 0.00	29.08 0.46 0.00	29.20 0.49 0.00	28.66 0.40 0.00	28.81 0.37 0.00	29.18 0.40 0.00	29.84 0.50 0.00	31.66 0.50 0.00	37.12 0.69 0.00	42.82 0.84 0.00	56.92 0.84 0.00	68.16 0.94 0.00	53.89 0.95 0.00	43.89 0.82 0.00	41.19 0.73 0.00
NEWTON___FALLS_HYD 23847	41.43 -0.66 -0.66	36.80 -0.44 -0.35	33.74 -0.48 -0.14	33.51 -0.47 -0.12	34.70 -0.45 -0.20	42.46 -0.21 -0.71	58.12 -0.46 -1.34	51.51 -1.08 -0.95	41.03 -1.17 -0.26	30.68 -1.24 0.00	27.42 -1.20 0.00	27.44 -1.26 0.00	26.96 -1.30 0.00	27.13 -1.31 0.00	27.57 -1.21 0.00	28.14 -1.20 0.00	29.88 -1.28 0.00	35.15 -1.27 0.00	40.88 -1.22 -0.12	55.90 -1.07 -0.89	67.31 -1.01 -1.09	53.34 -0.69 -1.09	43.30 -0.43 -0.66	40.71 -0.45 -0.69
NGRID_A1_DSASP 323792	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
NGRID_A2_DSASP 323793	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
NGRID_A4_DSASP 323807	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
NIAGARA_115E_LBMP 323715	38.67 -2.78 0.00	33.83 -3.06 0.00	31.63 -2.45 0.00	31.59 -2.27 0.00	32.58 -2.38 0.00	38.22 -3.73 0.00	50.83 -6.41 0.00	47.15 -4.49 0.00	38.21 -3.73 0.00	29.72 -2.20 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.45 -1.99 0.00	26.47 -2.30 0.00	26.79 -2.55 0.00	27.63 -3.52 0.01	32.29 -4.12 0.02	37.31 -4.16 0.51	49.06 -5.61 1.41	59.63 -7.60 0.00	46.80 -6.14 0.00	37.77 -4.82 0.47	36.30 -4.17 0.00
NIAGARA_115W_LBMP 323714	38.50 -2.94 0.00	33.75 -3.14 0.00	31.46 -2.62 0.00	31.53 -2.34 0.00	32.51 -2.45 0.00	38.01 -3.94 0.00	50.55 -6.70 0.00	46.94 -4.70 0.00	38.04 -3.90 0.00	29.62 -2.30 0.00	26.74 -1.89 0.00	26.70 -2.01 0.00	26.31 -1.95 0.00	26.39 -2.05 0.00	26.40 -2.36 0.02	26.70 -2.64 0.00	27.54 -3.61 0.01	32.14 -4.26 0.02	37.15 -4.32 0.52	48.83 -5.83 1.41	59.29 -7.93 0.00	46.58 -6.35 0.00	37.60 -5.00 0.48	36.13 -4.33 0.00
NIAGARA_230_LBMP 323716	39.12 -2.32 0.00	34.23 -2.66 0.00	31.97 -2.11 0.00	31.97 -1.90 0.00	32.97 -1.99 0.00	38.68 -3.27 0.00	51.46 -5.78 0.00	47.71 -3.93 0.00	38.67 -3.27 0.00	30.07 -1.85 0.00	27.17 -1.46 0.00	27.13 -1.58 0.00	26.71 -1.55 0.00	26.79 -1.65 0.00	26.82 -1.96 0.00	27.14 -2.20 0.00	28.04 -3.12 0.01	32.69 -3.72 0.02	37.81 -3.65 0.52	49.66 -4.99 1.43	60.37 -6.86 0.00	47.38 -5.56 0.00	38.24 -4.35 0.48	36.74 -3.72 0.00
NIAGARA___115KV_198_GIBSON 55903	38.50 -2.94 0.00	33.68 -3.21 0.00	31.46 -2.62 0.00	31.46 -2.40 0.00	32.47 -2.48 0.00	38.01 -3.94 0.00	50.55 -6.70 0.00	46.94 -4.70 0.00	38.04 -3.90 0.00	29.62 -2.30 0.00	26.74 -1.89 0.00	26.70 -2.01 0.00	26.31 -1.95 0.00	26.37 -2.08 0.00	26.40 -2.36 0.02	26.20 -3.14 0.00	27.57 -3.58 0.01	32.00 -4.41 0.02	37.13 -4.32 0.53	48.63 -6.00 1.44	59.29 -7.93 0.00	46.53 -6.41 0.00	37.42 -5.17 0.49	36.13 -4.33 0.00

NIAGARA____ 23760	39.12 -2.32 0.00	34.23 -2.66 0.00	31.97 -2.11 0.00	31.97 -1.90 0.00	32.97 -1.99 0.00	38.68 -3.27 0.00	51.46 -5.78 0.00	47.71 -3.93 0.00	38.67 -3.27 0.00	30.07 -1.85 0.00	27.17 -1.46 0.00	27.13 -1.58 0.00	26.71 -1.55 0.00	26.79 -1.65 0.00	26.81 -1.96 0.01	27.14 -2.20 0.00	28.04 -3.12 0.01	32.69 -3.72 0.02	37.81 -3.65 0.52	49.67 -4.99 1.42	60.37 -6.86 0.00	47.38 -5.56 0.00	38.25 -4.35 0.48	36.74 -3.72 0.00
NINE_MILE_1 23575	31.39 -1.37 8.69	30.94 -1.25 4.70	31.13 -1.16 1.79	31.10 -1.15 1.61	31.19 -1.15 2.61	31.11 -1.38 9.46	37.58 -1.95 17.71	37.30 -1.70 12.64	37.06 -1.43 3.45	31.03 -0.89 0.00	27.88 -0.74 0.00	27.96 -0.75 0.00	27.53 -0.73 0.00	27.70 -0.74 0.00	28.00 -0.78 0.00	28.52 -0.82 0.00	30.29 -0.87 0.00	35.26 -1.17 0.00	36.75 -1.43 3.80	37.89 -1.80 16.39	53.46 -2.22 11.55	39.56 -1.80 11.58	32.36 -1.51 9.20	31.71 -1.42 7.33
NINE_MILE_2 23744	31.25 -1.37 8.82	30.87 -1.25 4.77	31.10 -1.16 1.82	31.08 -1.15 1.63	31.15 -1.15 2.65	30.97 -1.38 9.60	37.32 -1.95 17.98	37.16 -1.65 12.83	37.01 -1.43 3.51	31.03 -0.89 0.00	27.88 -0.74 0.00	27.96 -0.75 0.00	27.56 -0.71 0.00	27.70 -0.74 0.00	28.00 -0.78 0.00	28.52 -0.82 0.00	30.29 -0.87 0.00	35.26 -1.17 0.00	36.70 -1.43 3.85	37.67 -1.80 16.61	53.29 -2.22 11.72	39.38 -1.80 11.75	32.23 -1.51 9.33	31.60 -1.42 7.45
NM_CAPITAL____DRP 24208	42.39 0.95 0.00	37.74 0.85 0.00	34.93 0.85 0.00	34.71 0.85 0.00	35.80 0.84 0.00	42.96 1.01 0.00	58.62 1.37 0.00	52.78 1.14 0.00	42.99 1.05 0.00	32.59 0.67 0.00	29.23 0.60 0.00	29.34 0.63 0.00	28.83 0.57 0.00	28.98 0.54 0.00	29.32 0.55 0.00	29.99 0.65 0.00	31.81 0.65 0.00	37.30 0.87 0.00	43.03 1.05 0.00	57.26 1.18 0.00	68.50 1.28 0.00	54.16 1.22 0.00	44.11 1.03 0.00	41.39 0.93 0.00
NM_CENTRAL____DRP 24181	41.69 -0.54 -0.78	36.76 -0.55 -0.42	33.73 -0.51 -0.16	33.50 -0.51 -0.15	34.70 -0.49 -0.24	42.26 -0.55 -0.85	58.10 -0.74 -1.60	52.16 -0.62 -1.14	41.66 -0.59 -0.31	31.60 -0.32 0.00	28.43 -0.20 0.00	28.51 -0.20 0.00	28.09 -0.17 0.00	28.24 -0.20 0.00	28.55 -0.23 0.00	29.05 -0.29 0.00	30.85 -0.31 0.00	35.95 -0.47 0.00	41.19 -0.55 0.25	55.31 -0.62 0.15	67.44 -0.81 -1.03	53.28 -0.69 -1.03	42.72 -0.65 -0.30	40.51 -0.61 -0.65
NM_FRONTIER____DRP 24179	38.50 -2.94 0.00	33.68 -3.21 0.00	31.46 -2.62 0.00	31.46 -2.40 0.00	32.47 -2.48 0.00	38.01 -3.94 0.00	50.55 -6.70 0.00	46.94 -4.70 0.00	38.04 -3.90 0.00	29.62 -2.30 0.00	26.74 -1.89 0.00	26.70 -2.01 0.00	26.31 -1.95 0.00	26.37 -2.08 0.00	26.40 -2.36 0.02	26.20 -3.14 0.00	27.57 -3.58 0.01	32.00 -4.41 0.02	37.13 -4.32 0.53	48.63 -6.00 1.44	59.29 -7.93 0.00	46.53 -6.41 0.00	37.42 -5.17 0.49	36.13 -4.33 0.00
NM_ST_REGIS____HYD 24053	40.97 -0.75 -0.28	36.52 -0.52 -0.15	33.66 -0.48 -0.06	33.41 -0.51 -0.05	34.45 -0.59 -0.08	41.75 -0.50 -0.30	57.06 -0.74 -0.56	51.01 -1.03 -0.40	41.08 -0.96 -0.11	30.93 -0.99 0.00	27.60 -1.03 0.00	27.62 -1.09 0.00	27.22 -1.05 0.00	27.45 -1.00 0.00	27.80 -0.98 0.00	28.46 -0.88 0.00	30.35 -0.81 0.00	35.62 -0.80 0.00	41.19 -0.80 0.00	55.37 -0.95 -0.24	66.82 -0.87 -0.47	52.72 -0.69 -0.47	42.88 -0.43 -0.24	40.35 -0.40 -0.30
NORTHPORT____1 23551	43.60 2.15 0.00	39.03 2.06 -0.07	36.43 1.84 -0.51	36.96 1.79 -1.31	39.49 1.85 -2.68	44.42 2.22 -0.25	48.85 1.49 9.88	48.85 1.86 4.65	44.79 2.85 0.00	35.04 2.17 -0.95	37.00 1.86 -6.52	34.84 1.95 -4.18	35.53 1.89 -5.37	35.10 1.96 -4.69	35.66 2.01 -4.87	41.21 1.97 -9.90	46.45 2.02 -13.27	47.00 2.26 -8.32	46.28 2.35 -1.95	47.02 2.97 12.03	47.02 3.36 23.56	47.02 2.49 8.41	46.46 2.45 -0.94	43.90 2.43 -1.01
NORTHPORT____2 23552	43.60 2.15 0.00	39.03 2.06 -0.07	36.43 1.84 -0.51	36.96 1.79 -1.31	39.49 1.85 -2.68	44.42 2.22 -0.25	48.85 1.49 9.88	48.85 1.86 4.65	44.79 2.85 0.00	35.04 2.17 -0.95	37.00 1.86 -6.52	34.84 1.95 -4.18	35.53 1.89 -5.37	35.10 1.96 -4.69	35.66 2.01 -4.87	41.21 1.97 -9.90	46.45 2.02 -13.27	47.00 2.26 -8.32	46.28 2.35 -1.95	47.02 2.97 12.03	47.02 3.36 23.56	47.02 2.49 8.41	46.46 2.45 -0.94	43.90 2.43 -1.01
NORTHPORT____3 23553	43.60 2.15 0.00	39.03 2.06 -0.07	36.46 1.87 -0.51	36.96 1.79 -1.31	39.49 1.85 -2.68	44.46 2.26 -0.25	52.86 1.49 5.87	50.79 1.91 2.76	44.79 2.85 0.00	35.04 2.17 -0.95	37.03 1.89 -6.52	34.88 1.98 -4.19	35.54 1.89 -5.38	35.10 1.96 -4.69	35.66 2.01 -4.87	41.22 1.97 -9.92	46.51 2.06 -13.29	49.56 2.26 -10.88	50.56 2.35 -6.23	54.12 2.97 4.93	56.66 3.43 13.99	50.61 2.54 4.87	46.51 2.50 -0.94	43.90 2.43 -1.01
NORTHPORT____4 23650	43.60 2.15 0.00	39.03 2.06 -0.07	36.46 1.87 -0.51	36.96 1.79 -1.31	39.49 1.85 -2.68	44.46 2.26 -0.25	52.86 1.49 5.87	50.79 1.91 2.76	44.79 2.85 0.00	35.04 2.17 -0.95	37.03 1.89 -6.52	34.88 1.98 -4.19	35.54 1.89 -5.38	35.10 1.96 -4.69	35.66 2.01 -4.87	41.22 1.97 -9.92	46.51 2.06 -13.29	49.56 2.26 -10.88	50.56 2.35 -6.23	54.12 2.97 4.93	56.66 3.43 13.99	50.61 2.54 4.87	46.51 2.50 -0.94	43.90 2.43 -1.01
NORTHPORT____IC 23718	43.60 2.15 0.00	39.03 2.07 -0.07	36.43 1.84 -0.51	36.96 1.79 -1.31	39.49 1.85 -2.68	44.42 2.22 -0.25	48.85 1.49 9.88	48.85 1.86 4.65	44.79 2.85 0.00	35.04 2.17 -0.95	37.00 1.86 -6.52	34.84 1.95 -4.18	35.53 1.89 -5.37	35.10 1.96 -4.69	35.66 2.01 -4.87	41.23 2.00 -9.90	46.45 2.03 -13.27	47.15 2.40 -8.32	46.28 2.35 -1.95	47.02 2.97 12.03	47.02 3.36 23.56	47.02 2.49 8.41	46.47 2.46 -0.94	43.90 2.43 -1.01
NORTH____COUNTRY_ESR 323785	41.44 0.00 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.42 0.17 0.00	51.64 0.00 0.00	41.81 -0.13 0.00	31.66 -0.26 0.00	28.28 -0.34 0.00	28.31 -0.40 0.00	27.89 -0.37 0.00	28.13 -0.31 0.00	28.52 -0.26 0.00	29.17 -0.17 0.00	31.10 -0.06 0.00	36.43 0.00 0.00	42.07 0.08 0.00	56.14 0.06 0.00	67.56 0.34 0.00	53.15 0.21 0.00	43.33 0.26 0.00	40.71 0.24 0.00
NPX_GEN_1385_PROXY 323591	43.60 2.15 0.00	39.03 2.06 -0.07	36.43 1.84 -0.51	36.96 1.79 -1.31	39.49 1.85 -2.68	44.42 2.22 -0.25	48.55 1.49 10.18	49.15 1.86 4.35	44.79 2.85 0.00	35.04 2.17 -0.95	37.00 1.86 -6.52	34.84 1.95 -4.18	35.53 1.89 -5.37	35.10 1.96 -4.69	35.66 2.01 -4.87	41.21 1.97 -9.90	46.45 2.02 -13.27	47.00 2.26 -8.32	46.28 2.35 -1.95	47.02 2.97 12.03	47.02 3.36 23.56	47.02 2.49 8.41	46.46 2.45 -0.94	43.90 2.43 -1.01
NPX_GEN_CSC 323557	43.39 1.95 0.00	38.99 2.03 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	60.73 1.60 -1.88	55.04 2.07 -1.33	44.71 2.77 0.00	35.20 2.33 -0.95	37.06 1.92 -6.52	35.02 2.09 -4.22	35.55 1.86 -5.42	35.24 2.10 -4.69	35.80 2.16 -4.87	41.27 1.94 -10.00	46.93 2.37 -13.40	55.33 2.84 -16.06	59.57 2.73 -14.86	68.49 3.08 -9.33	75.53 3.09 -5.21	57.50 2.33 -2.24	46.22 2.20 -0.95	43.79 2.31 -1.02

NSINS_S_GLNS_FALLS 23858	43.89 2.45 0.00	39.03 2.14 0.00	36.09 2.01 0.00	35.89 2.03 0.00	37.05 2.10 0.00	44.55 2.60 0.00	61.08 3.84 0.00	54.69 3.05 0.00	43.99 2.06 0.00	33.13 1.21 0.00	29.66 1.03 0.00	29.68 0.98 0.00	29.17 0.90 0.00	29.13 0.68 0.00	29.47 0.69 0.00	30.22 0.88 0.00	32.00 0.84 0.00	37.66 1.24 0.00	43.79 1.81 0.00	57.48 1.40 0.00	68.97 1.75 0.00	54.90 1.96 0.00	44.58 1.51 0.00	41.96 1.50 0.00
NUCOR_STEEL____DRP 24197	42.81 0.00 -1.37	37.52 -0.11 -0.74	34.26 -0.10 -0.28	34.01 -0.10 -0.25	35.33 -0.03 -0.41	43.44 0.00 -1.49	59.97 -0.06 -2.79	53.68 0.05 -1.99	42.36 -0.13 -0.54	31.86 -0.06 0.00	28.63 0.00 0.00	28.71 0.00 0.00	28.26 0.00 0.00	28.44 0.00 0.00	28.72 -0.06 0.00	29.22 -0.12 0.00	31.06 -0.09 0.00	36.24 -0.18 0.00	41.90 -0.08 0.00	57.06 0.06 -0.93	69.02 0.00 -1.79	54.63 -0.11 -1.80	43.80 -0.17 -0.90	41.44 -0.16 -1.14
NUMBER_THREE_WT_PWR 323818	42.64 0.37 -0.83	37.81 0.48 -0.45	34.59 0.34 -0.17	34.32 0.30 -0.15	35.69 0.49 -0.25	43.81 0.97 -0.90	59.96 1.03 -1.68	53.05 0.21 -1.20	42.06 -0.21 -0.33	31.31 -0.61 0.00	28.02 -0.60 0.00	28.02 -0.69 0.00	27.44 -0.82 0.00	27.56 -0.88 0.00	28.06 -0.72 0.00	28.55 -0.79 0.00	30.29 -0.87 0.00	35.73 -0.69 0.00	41.61 -0.38 0.00	56.92 0.40 -0.45	68.70 0.60 -0.87	54.55 0.74 -0.87	44.11 0.60 -0.44	41.46 0.45 -0.55
NYISO_LBMP_REFERENCE 24008	41.44 0.00 0.00	36.89 0.00 0.00	34.08 0.00 0.00	33.86 0.00 0.00	34.96 0.00 0.00	41.95 0.00 0.00	57.24 0.00 0.00	51.64 0.00 0.00	41.94 0.00 0.00	31.92 0.00 0.00	28.63 0.00 0.00	28.71 0.00 0.00	28.26 0.00 0.00	28.44 0.00 0.00	28.78 0.00 0.00	29.34 0.00 0.00	31.16 0.00 0.00	36.43 0.00 0.00	41.98 0.00 0.00	56.08 0.00 0.00	67.22 0.00 0.00	52.94 0.00 0.00	43.07 0.00 0.00	40.46 0.00 0.00
NYPA_BRENTWD____GT 24164	44.05 2.61 0.00	39.47 2.51 -0.07	36.87 2.28 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.37 2.40 -1.73	55.19 2.74 -0.81	45.30 3.36 0.00	35.43 2.55 -0.95	37.35 2.20 -6.52	35.28 2.30 -4.27	35.97 2.21 -5.51	35.44 2.30 -4.69	35.98 2.33 -4.87	41.78 2.29 -10.15	47.25 2.49 -13.60	55.37 2.95 -16.00	59.74 3.19 -14.57	68.78 4.09 -8.61	75.98 4.63 -4.12	58.27 3.49 -1.84	47.05 3.01 -0.96	44.42 2.91 -1.04
NYPA_GOWANUS____GT5 24156	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NYPA_GOWANUS____GT6 24157	43.51 2.07 0.00	38.62 1.73 0.00	35.54 1.46 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.63 2.69 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.16 1.82 0.00	33.12 1.96 0.00	38.90 2.48 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.32 0.00	42.57 2.10 0.00
NYPA_HARLEM__RVR__GT1 24160	43.26 1.82 0.00	38.37 1.48 0.00	35.31 1.23 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.25 1.30 0.00	59.36 2.12 0.01	53.96 2.33 0.01	44.28 2.35 0.01	33.57 1.66 0.01	30.05 1.43 0.01	30.22 1.52 0.01	29.75 1.50 0.01	29.97 1.53 0.01	30.35 1.58 0.01	30.83 1.50 0.01	32.80 1.65 0.01	38.46 2.04 0.01	44.03 2.06 0.01	58.76 2.69 0.01	70.91 3.69 0.01	55.31 2.38 0.01	44.88 1.81 0.00	42.24 1.78 0.00
NYPA_HARLEM__RVR__GT2 24161	43.26 1.82 0.00	38.37 1.48 0.00	35.31 1.23 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.25 1.30 0.00	59.36 2.12 0.01	53.96 2.33 0.01	44.28 2.35 0.01	33.57 1.66 0.01	30.05 1.43 0.01	30.22 1.52 0.01	29.75 1.50 0.01	29.97 1.53 0.01	30.35 1.58 0.01	30.83 1.50 0.01	32.80 1.65 0.01	38.46 2.04 0.01	44.03 2.06 0.01	58.76 2.69 0.01	70.91 3.69 0.01	55.31 2.38 0.01	44.88 1.81 0.00	42.24 1.78 0.00
NYPA_KENT____GT 24152	43.43 1.99 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.59 1.63 0.00	59.88 2.63 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.77 1.85 0.00	30.31 1.69 0.00	30.49 1.78 0.00	30.01 1.75 0.00	30.24 1.79 0.00	30.62 1.84 0.00	31.13 1.79 0.00	33.06 1.90 0.00	38.83 2.40 0.00	44.46 2.48 0.00	59.33 3.25 0.00	71.46 4.24 0.00	55.79 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
NYPA_POUCH1____GT 24155	43.47 2.03 0.00	38.59 1.70 0.00	35.51 1.43 0.00	35.22 1.36 0.00	36.36 1.40 0.00	43.59 1.63 0.00	59.88 2.63 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.74 1.82 0.00	30.29 1.66 0.00	30.46 1.75 0.00	30.01 1.75 0.00	30.24 1.79 0.00	30.62 1.84 0.00	31.10 1.76 0.00	33.09 1.93 0.00	38.87 2.44 0.00	44.55 2.56 0.00	59.39 3.31 0.00	71.53 4.31 0.00	55.85 2.91 0.00	45.35 2.28 0.00	42.57 2.10 0.00
NYPA_VERNON____GT2 24162	43.35 1.91 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.29 1.66 0.00	30.43 1.72 0.00	29.99 1.72 0.00	30.21 1.76 0.00	30.59 1.81 0.00	31.07 1.73 0.00	33.03 1.87 0.00	38.72 2.30 0.00	44.38 2.39 0.00	59.16 3.08 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
NYPA_VERNON____GT3 24163	43.35 1.91 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.32 2.68 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.29 1.66 0.00	30.43 1.72 0.00	29.99 1.72 0.00	30.21 1.76 0.00	30.59 1.81 0.00	31.07 1.73 0.00	33.03 1.87 0.00	38.72 2.30 0.00	44.38 2.39 0.00	59.16 3.08 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.44 1.98 0.00
NYPA__ASTORIA_CC1 323568	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00
NYPA__ASTORIA_CC2 323569	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.46 1.51 0.00	59.65 2.40 0.00	54.22 2.58 0.00	44.46 2.52 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.36 1.90 0.00

NYPA___HOLTSVILL 23794	43.72 2.28 0.00	39.17 2.21 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.77 2.13 -2.68	44.76 2.56 -0.25	61.41 1.95 -2.22	55.01 2.33 -1.04	44.96 3.02 0.00	35.23 2.36 -0.95	37.17 2.03 -6.52	35.05 2.12 -4.22	35.69 2.01 -5.42	35.27 2.13 -4.69	35.83 2.19 -4.87	41.41 2.08 -9.99	46.88 2.34 -13.39	55.26 2.77 -16.07	59.76 2.89 -14.88	69.06 3.59 -9.39	76.48 3.97 -5.29	58.17 2.96 -2.27	46.65 2.63 -0.95	44.08 2.59 -1.02
NYPA___HELLGATE_GT1 24158	43.26 1.82 0.00	38.37 1.48 0.00	35.31 1.23 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.25 1.30 0.00	59.36 2.12 0.01	53.96 2.33 0.01	44.28 2.35 0.01	33.57 1.66 0.01	30.05 1.43 0.01	30.22 1.52 0.01	29.75 1.50 0.01	29.97 1.53 0.01	30.35 1.58 0.01	30.83 1.50 0.01	32.80 1.65 0.01	38.46 2.04 0.01	44.03 2.06 0.01	58.76 2.69 0.01	70.91 3.69 0.01	55.31 2.38 0.01	44.88 1.81 0.00	42.24 1.78 0.00
NYPA___HELLGATE_GT2 24159	43.26 1.82 0.00	38.37 1.48 0.00	35.31 1.23 0.00	35.01 1.15 0.00	36.15 1.19 0.00	43.25 1.30 0.00	59.36 2.12 0.01	53.96 2.33 0.01	44.28 2.35 0.01	33.57 1.66 0.01	30.05 1.43 0.01	30.22 1.52 0.01	29.75 1.50 0.01	29.97 1.53 0.01	30.35 1.58 0.01	30.83 1.50 0.01	32.80 1.65 0.01	38.46 2.04 0.01	44.03 2.06 0.01	58.76 2.69 0.01	70.91 3.69 0.01	55.31 2.38 0.01	44.88 1.81 0.00	42.24 1.78 0.00
NYS_BARGE___HYD 23848	39.29 -2.16 0.00	34.35 -2.55 0.00	32.10 -1.98 0.00	32.07 -1.80 0.00	33.10 -1.85 0.00	38.85 -3.10 0.00	51.80 -5.44 0.00	47.98 -3.67 0.00	38.84 -3.10 0.00	30.17 -1.76 0.00	27.20 -1.43 0.00	27.16 -1.55 0.00	26.73 -1.53 0.00	26.82 -1.62 0.00	26.82 -1.96 0.00	27.17 -2.17 0.00	28.10 -3.05 0.01	32.84 -3.57 0.02	37.98 -3.48 0.52	49.95 -4.71 1.42	60.77 -6.45 0.00	47.64 -5.29 0.00	38.46 -4.14 0.48	36.90 -3.56 0.00
OAK ORCHARD___HYD 24046	40.70 -0.74 0.00	35.86 -1.03 0.00	33.23 -0.85 0.00	33.12 -0.75 0.00	34.26 -0.70 0.00	40.82 -1.13 0.00	55.24 -2.01 0.00	50.50 -1.14 0.00	40.81 -1.13 0.00	31.31 -0.61 0.00	28.17 -0.46 0.00	28.22 -0.49 0.00	27.78 -0.48 0.00	27.96 -0.48 0.00	28.11 -0.66 0.00	28.58 -0.76 0.00	30.03 -1.12 0.00	35.07 -1.35 0.01	40.17 -1.26 0.55	52.99 -1.57 1.52	64.81 -2.42 0.00	50.93 -2.01 0.00	40.85 -1.72 0.50	38.93 -1.54 0.00
OAKDALE___35_KV_LOAD 356122	42.25 0.21 -0.60	37.33 0.11 -0.33	34.34 0.14 -0.12	34.11 0.14 -0.11	35.31 0.17 -0.18	42.73 0.13 -0.66	58.59 0.11 -1.23	52.78 0.26 -0.88	42.35 0.17 -0.24	32.08 0.16 0.00	28.80 0.17 0.00	28.88 0.17 0.00	28.43 0.17 0.00	28.61 0.17 0.00	28.92 0.14 0.00	29.40 0.06 0.00	31.20 0.03 -0.01	36.52 0.07 -0.02	42.01 0.17 0.15	56.42 0.34 -0.01	68.35 0.34 -0.79	53.89 0.16 -0.79	43.45 0.09 -0.29	41.05 0.08 -0.50
OCC_CHEM___DRP 24175	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
OH_GEN_PROXY 24063	39.16 -2.28 0.00	34.22 -2.62 0.06	32.00 -2.08 0.00	32.00 -1.86 0.00	33.00 -1.96 0.00	36.00 -3.23 2.72	45.77 -5.61 5.87	48.12 -3.82 -0.30	38.79 -3.15 0.00	30.13 -1.79 0.00	27.20 -1.43 0.00	27.16 -1.55 0.00	26.76 -1.50 0.00	26.85 -1.59 0.00	26.88 -1.90 0.00	27.20 -2.14 0.00	28.10 -3.05 0.01	32.80 -3.61 0.02	37.94 -3.53 0.52	49.83 -4.82 1.43	60.57 -6.66 0.00	47.54 -5.40 0.00	38.37 -4.22 0.48	36.82 -3.64 0.00
OLIN_CORP_DRP 24177	38.75 -2.69 0.00	33.94 -2.95 0.00	31.69 -2.39 0.00	31.70 -2.17 0.00	32.72 -2.24 0.00	38.30 -3.65 0.00	50.95 -6.30 0.00	47.25 -4.39 0.00	38.29 -3.65 0.00	29.78 -2.14 0.00	26.88 -1.75 0.00	26.84 -1.87 0.00	26.42 -1.84 0.00	26.48 -1.96 0.00	26.53 -2.24 0.00	26.35 -2.99 0.00	27.72 -3.43 0.01	32.22 -4.19 0.02	37.39 -4.07 0.52	49.04 -5.61 1.43	59.76 -7.46 0.00	46.90 -6.03 0.00	37.72 -4.87 0.48	36.38 -4.09 0.00
OLIN_CORP_DSASP 323712	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
ONEIDA_HERK_LFGE 323681	42.74 0.75 -0.55	37.92 0.74 -0.30	34.81 0.61 -0.11	34.57 0.61 -0.10	35.89 0.77 -0.16	43.76 1.22 -0.60	59.91 1.55 -1.12	53.26 0.82 -0.80	42.58 0.42 -0.22	31.92 0.00 0.00	28.54 -0.09 0.00	28.56 -0.14 0.00	28.03 -0.23 0.00	28.19 -0.26 0.00	28.66 -0.11 0.00	29.17 -0.17 0.00	30.94 -0.22 0.00	36.43 0.00 0.00	42.24 0.25 0.00	57.46 1.06 -0.32	69.18 1.34 -0.61	54.82 1.27 -0.62	44.37 0.99 -0.31	41.66 0.81 -0.39
ONEIDA___115KV_TB4 55905	42.72 0.79 -0.49	37.89 0.74 -0.26	34.83 0.65 -0.10	34.60 0.64 -0.09	35.87 0.77 -0.15	43.53 1.05 -0.53	59.67 1.43 -1.00	53.39 1.03 -0.71	42.80 0.67 -0.19	32.27 0.35 0.00	28.88 0.26 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.61 0.17 0.00	29.03 0.26 0.00	29.55 0.21 0.00	31.38 0.22 0.00	36.83 0.40 0.00	42.47 0.59 0.11	57.43 1.29 -0.06	69.46 1.55 -0.69	54.90 1.27 -0.69	44.27 0.95 -0.25	41.71 0.81 -0.44
ONONDAGA_REF_OCCRA 23987	42.08 -0.33 -0.97	37.05 -0.37 -0.53	33.94 -0.34 -0.20	33.70 -0.34 -0.18	34.93 -0.31 -0.29	42.68 -0.34 -1.06	58.77 -0.46 -1.99	52.75 -0.31 -1.42	41.95 -0.38 -0.39	31.73 -0.19 0.00	28.51 -0.11 0.00	28.59 -0.11 0.00	28.18 -0.08 0.00	28.33 -0.11 0.00	28.63 -0.14 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.10 -0.33 0.00	41.46 -0.34 0.19	55.95 -0.28 -0.15	68.10 -0.40 -1.28	53.85 -0.37 -1.28	43.16 -0.39 -0.48	40.87 -0.40 -0.81
ONONDAGA___COGEN 23986	42.64 -0.33 -1.53	37.35 -0.37 -0.83	34.05 -0.34 -0.32	33.81 -0.34 -0.28	35.10 -0.31 -0.46	43.28 -0.34 -1.66	59.90 -0.46 -3.12	53.50 -0.36 -2.22	42.13 -0.42 -0.61	31.73 -0.19 0.00	28.51 -0.11 0.00	28.62 -0.09 0.00	28.18 -0.08 0.00	28.36 -0.09 0.00	28.66 -0.12 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.65 -0.34 0.00	56.78 -0.34 -1.03	68.76 -0.47 -2.00	54.52 -0.42 -2.01	43.65 -0.43 -1.01	41.33 -0.40 -1.27
ONTARIO___LFGE 23819	41.80 -0.12 -0.48	36.71 -0.44 -0.26	33.91 -0.27 -0.10	33.75 -0.20 -0.09	34.96 -0.14 -0.14	42.18 -0.29 -0.52	57.37 -0.86 -0.98	51.98 -0.36 -0.70	41.67 -0.46 -0.19	31.63 -0.29 0.00	28.40 -0.23 0.00	28.45 -0.26 0.00	28.01 -0.25 0.00	28.16 -0.28 0.00	28.34 -0.43 0.00	28.87 -0.47 0.00	30.47 -0.69 0.01	35.64 -0.77 0.01	41.22 -0.42 0.35	54.96 -0.51 0.62	67.01 -0.88 -0.66	52.65 -0.95 -0.66	42.39 -0.69 -0.01	40.28 -0.61 -0.42

ORANGEVILLE_WT_PWR 323706	39.87 -1.57 0.00	34.90 -1.99 0.00	32.62 -1.46 0.00	32.61 -1.25 0.00	33.63 -1.33 0.00	39.68 -2.27 0.00	53.18 -4.06 0.00	48.90 -2.74 0.00	39.42 -2.52 0.00	30.42 -1.50 0.00	27.40 -1.23 0.00	27.39 -1.32 0.00	26.96 -1.30 0.00	27.05 -1.39 0.00	27.08 -1.70 0.00	27.43 -1.91 0.00	28.47 -2.68 0.01	33.38 -3.02 0.03	38.76 -2.77 0.45	51.30 -3.53 1.24	62.38 -4.84 0.00	48.86 -4.08 0.00	39.50 -3.14 0.43	37.71 -2.75 0.00
ORANGEVILLE___ESR 323794	39.87 -1.57 0.00	34.90 -1.99 0.00	32.62 -1.46 0.00	32.61 -1.25 0.00	33.63 -1.33 0.00	39.68 -2.27 0.00	53.18 -4.06 0.00	48.90 -2.74 0.00	39.42 -2.52 0.00	30.42 -1.50 0.00	27.40 -1.23 0.00	27.39 -1.32 0.00	26.96 -1.30 0.00	27.05 -1.39 0.00	27.08 -1.70 0.00	27.43 -1.91 0.00	28.47 -2.68 0.01	33.38 -3.02 0.03	38.76 -2.77 0.45	51.30 -3.53 1.24	62.38 -4.84 0.00	48.86 -4.08 0.00	39.50 -3.14 0.43	37.71 -2.75 0.00
OSWEGATCHIE___HYD 24044	41.43 -0.66 -0.66	36.80 -0.44 -0.35	33.74 -0.48 -0.14	33.51 -0.47 -0.12	34.70 -0.46 -0.20	42.46 -0.21 -0.71	58.12 -0.46 -1.34	51.51 -1.09 -0.95	41.03 -1.17 -0.26	30.68 -1.25 0.00	27.42 -1.20 0.00	27.44 -1.26 0.00	26.96 -1.30 0.00	27.14 -1.31 0.00	27.57 -1.21 0.00	28.11 -1.23 0.00	29.91 -1.25 0.00	35.15 -1.28 0.00	40.77 -1.22 0.00	55.36 -1.07 -0.35	66.89 -1.01 -0.67	52.92 -0.69 -0.68	42.98 -0.43 -0.34	40.45 -0.44 -0.43
OSWEGO___5 23606	46.91 -1.03 -6.50	39.41 -0.99 -3.52	34.51 -0.92 -1.34	34.18 -0.88 -1.20	36.00 -0.91 -1.95	47.94 -1.09 -7.08	69.01 -1.49 -13.26	59.81 -1.29 -9.46	43.43 -1.09 -2.59	31.22 -0.70 0.00	28.05 -0.57 0.00	28.16 -0.55 0.00	27.72 -0.54 0.00	27.87 -0.57 0.00	28.17 -0.61 0.00	28.69 -0.65 0.00	30.47 -0.69 0.00	35.48 -0.95 0.00	42.41 -1.09 -1.52	63.28 -1.40 -8.60	74.08 -1.75 -8.61	60.19 -1.38 -8.63	47.60 -1.16 -5.69	44.84 -1.09 -5.47
OSWEGO___6 23613	46.91 -1.03 -6.50	39.41 -0.99 -3.52	34.51 -0.92 -1.34	34.18 -0.88 -1.20	36.00 -0.91 -1.95	47.94 -1.09 -7.08	69.01 -1.49 -13.26	59.81 -1.29 -9.46	43.43 -1.09 -2.59	31.22 -0.70 0.00	28.05 -0.57 0.00	28.16 -0.55 0.00	27.72 -0.54 0.00	27.87 -0.57 0.00	28.17 -0.61 0.00	28.69 -0.65 0.00	30.47 -0.69 0.00	35.48 -0.95 0.00	42.41 -1.09 -1.52	63.28 -1.40 -8.60	74.08 -1.75 -8.61	60.19 -1.38 -8.63	47.60 -1.16 -5.69	44.84 -1.09 -5.47
OUTOKUMPU-AB___DRP 24206	39.45 -1.99 0.00	34.49 -2.40 0.00	32.24 -1.84 0.00	32.24 -1.63 0.00	33.24 -1.71 0.00	39.01 -2.94 0.00	52.03 -5.21 0.00	48.18 -3.46 0.00	39.05 -2.89 0.00	30.32 -1.60 0.00	27.37 -1.26 0.00	27.30 -1.41 0.00	26.90 -1.36 0.00	26.94 -1.51 0.00	26.95 -1.81 0.01	26.79 -2.55 0.00	28.19 -2.96 0.01	32.87 -3.53 0.02	38.11 -3.36 0.52	50.00 -4.65 1.43	60.97 -6.25 0.00	47.80 -5.13 0.00	38.50 -4.09 0.48	37.02 -3.44 0.00
OXBOW___BTM 323836	39.08 -2.36 0.00	34.20 -2.69 0.00	31.93 -2.15 0.00	31.97 -1.90 0.00	32.97 -1.99 0.00	38.59 -3.36 0.00	51.46 -5.78 0.00	47.67 -3.98 0.00	38.67 -3.27 0.00	30.04 -1.88 0.00	27.11 -1.52 0.00	27.07 -1.64 0.00	26.68 -1.58 0.00	26.74 -1.71 0.00	26.72 -2.04 0.01	27.05 -2.29 0.00	27.94 -3.21 0.01	32.66 -3.75 0.02	37.74 -3.74 0.51	49.63 -5.05 1.40	60.30 -6.92 0.00	47.32 -5.61 0.00	38.21 -4.39 0.47	36.66 -3.81 0.00
OXBOW___ 24026	39.08 -2.36 0.00	34.20 -2.69 0.00	31.93 -2.15 0.00	31.93 -1.93 0.00	32.93 -2.03 0.00	38.59 -3.36 0.00	51.46 -5.78 0.00	47.66 -3.98 0.00	38.67 -3.27 0.00	30.04 -1.88 0.00	27.11 -1.52 0.00	27.07 -1.64 0.00	26.68 -1.58 0.00	26.71 -1.74 0.00	26.72 -2.04 0.01	26.55 -2.79 0.00	27.94 -3.21 0.01	32.55 -3.86 0.02	37.73 -3.74 0.52	49.49 -5.16 1.43	60.30 -6.92 0.00	47.27 -5.66 0.00	38.07 -4.52 0.48	36.66 -3.80 0.00
OXY_CHEM_DSASP 323612	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
OZONE_PARK_ESR 323760	43.60 2.15 0.00	38.74 1.84 0.00	35.65 1.57 0.00	35.35 1.49 0.00	36.50 1.54 0.00	43.84 1.89 0.00	60.22 2.98 0.00	54.74 3.10 0.00	44.83 2.89 0.00	33.96 2.04 0.00	30.40 1.77 0.00	30.57 1.87 0.00	30.10 1.84 0.00	30.32 1.88 0.00	30.70 1.93 0.00	31.28 1.94 0.00	33.19 2.03 0.00	38.98 2.55 0.00	44.67 2.69 0.00	59.56 3.48 0.00	71.79 4.57 0.00	56.11 3.18 0.00	45.57 2.50 0.00	42.69 2.23 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.62 -2.82 0.00	33.75 -3.14 0.00	31.56 -2.52 0.00	31.56 -2.30 0.00	32.54 -2.41 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.05 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.23 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.42 -2.02 0.00	26.45 -2.30 0.02	26.26 -3.08 0.00	27.63 -3.52 0.01	32.07 -4.33 0.02	37.22 -4.24 0.53	48.75 -5.89 1.44	59.43 -7.80 0.00	46.64 -6.30 0.00	37.50 -5.08 0.48	36.21 -4.25 0.00
PACKARD___115KV_DUPONT_184 80571	38.62 -2.82 0.00	33.83 -3.06 0.00	31.56 -2.52 0.00	31.59 -2.27 0.00	32.58 -2.38 0.00	38.13 -3.82 0.00	50.72 -6.53 0.00	47.04 -4.60 0.00	38.16 -3.77 0.00	29.69 -2.24 0.00	26.82 -1.80 0.00	26.78 -1.92 0.00	26.37 -1.89 0.00	26.45 -1.99 0.00	26.45 -2.30 0.02	26.76 -2.58 0.00	27.60 -3.55 0.01	32.22 -4.19 0.02	37.23 -4.24 0.52	48.95 -5.72 1.41	59.43 -7.80 0.00	46.69 -6.25 0.00	37.69 -4.91 0.48	36.21 -4.25 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.35 1.91 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.08 1.22 0.00	36.22 1.26 0.00	43.34 1.38 0.00	59.42 2.18 0.00	54.02 2.38 0.00	44.29 2.35 0.00	33.58 1.66 0.00	30.14 1.52 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	30.98 1.64 0.00	32.87 1.71 0.00	38.57 2.15 0.00	44.13 2.14 0.00	58.83 2.75 0.00	70.92 3.70 0.00	55.37 2.44 0.00	44.97 1.90 0.00	42.32 1.86 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.97 2.53 0.00	38.99 2.10 0.00	35.92 1.84 0.00	35.59 1.73 0.00	36.74 1.78 0.00	43.96 2.01 0.00	60.28 3.03 0.00	54.74 3.10 0.00	44.87 2.94 0.00	34.00 2.07 0.00	30.52 1.89 0.00	30.72 2.01 0.00	30.21 1.95 0.00	30.41 1.96 0.00	30.79 2.01 0.00	31.31 1.97 0.00	33.25 2.09 0.00	39.05 2.62 0.00	44.67 2.69 0.00	59.61 3.53 0.00	71.79 4.57 0.00	56.06 3.12 0.00	45.53 2.46 0.00	42.85 2.39 0.00
PATROON___115KV_TB1 80586	42.31 0.87 0.00	37.63 0.74 0.00	34.86 0.78 0.00	34.64 0.78 0.00	35.73 0.77 0.00	42.92 0.96 0.00	58.56 1.32 0.00	52.62 0.98 0.00	42.86 0.92 0.00	32.50 0.57 0.00	29.14 0.52 0.00	29.25 0.55 0.00	28.71 0.45 0.00	28.87 0.43 0.00	29.24 0.46 0.00	29.90 0.56 0.00	31.72 0.56 0.00	37.19 0.76 0.00	42.91 0.92 0.00	57.09 1.01 0.00	68.37 1.14 0.00	54.05 1.11 0.00	44.02 0.95 0.00	41.27 0.81 0.00

PATTRSNVILLE___SOLAR 323815	43.10 1.66 0.00	38.37 1.48 0.00	35.44 1.36 0.00	35.22 1.36 0.00	36.39 1.43 0.00	43.71 1.76 0.00	59.70 2.46 0.00	53.34 1.70 0.00	42.90 0.97 0.00	32.37 0.45 0.00	28.94 0.32 0.00	28.99 0.29 0.00	28.54 0.28 0.00	28.67 0.23 0.00	29.06 0.29 0.00	29.72 0.38 0.00	31.69 0.53 0.00	37.19 0.77 0.00	43.16 1.17 0.00	57.82 1.74 0.00	69.37 2.15 0.00	54.74 1.80 0.00	44.49 1.42 0.00	41.80 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.49 -1.95 0.00	34.57 -2.32 0.00	32.31 -1.77 0.00	32.30 -1.56 0.00	33.28 -1.68 0.00	39.18 -2.77 0.00	52.55 -4.69 0.00	48.44 -3.20 0.00	39.13 -2.81 0.00	30.29 -1.63 0.00	27.31 -1.32 0.00	27.27 -1.44 0.00	26.85 -1.41 0.00	26.88 -1.56 0.00	26.90 -1.87 0.00	26.85 -2.49 0.00	28.28 -2.87 0.01	33.31 -3.10 0.02	38.30 -3.19 0.50	50.40 -4.32 1.36	61.44 -5.78 0.00	48.01 -4.92 0.00	39.16 -3.45 0.46	37.19 -3.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.39 1.95 0.00	38.62 1.73 0.00	35.65 1.57 0.00	35.35 1.49 0.00	36.46 1.50 0.00	43.80 1.85 0.00	60.11 2.86 0.00	54.38 2.74 0.00	44.41 2.47 0.00	33.55 1.63 0.00	30.00 1.37 0.00	30.14 1.44 0.00	29.73 1.47 0.00	29.98 1.54 0.00	30.33 1.55 0.00	30.98 1.64 0.00	32.81 1.65 0.00	38.54 2.11 0.00	44.21 2.23 0.00	59.11 3.03 0.00	71.12 3.90 0.00	55.74 2.81 0.00	45.40 2.33 0.00	42.49 2.02 0.00
PEEKSKILL____ 23653	43.10 1.66 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.02 2.38 0.00	44.20 2.26 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.14 1.43 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.84 1.50 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.08 2.10 0.00	58.83 2.75 0.00	70.78 3.56 0.00	55.43 2.49 0.00	45.01 1.94 0.00	42.24 1.78 0.00
PGE MADISON___WINDPWR 24146	44.11 2.03 -0.64	39.16 1.92 -0.35	35.92 1.70 -0.13	35.74 1.76 -0.12	37.21 2.06 -0.19	45.46 2.81 -0.70	62.56 4.01 -1.31	55.67 3.10 -0.93	44.25 2.06 -0.25	33.10 1.18 0.00	29.37 0.74 0.00	29.34 0.63 0.00	28.80 0.54 0.00	28.96 0.51 0.00	29.49 0.72 0.00	29.96 0.62 0.00	31.88 0.72 0.00	37.89 1.46 0.00	44.00 2.14 0.12	60.32 4.15 -0.09	72.97 4.91 -0.84	57.80 4.02 -0.84	46.40 3.01 -0.32	43.71 2.71 -0.53
PIERCEFIELD___HYD 23852	40.68 -1.08 -0.32	36.25 -0.81 -0.17	33.40 -0.75 -0.07	33.14 -0.78 -0.06	34.18 -0.87 -0.09	41.50 -0.80 -0.34	56.74 -1.14 -0.64	50.65 -1.45 -0.46	40.72 -1.34 -0.13	30.68 -1.24 0.00	27.37 -1.26 0.00	27.39 -1.32 0.00	26.99 -1.27 0.00	27.22 -1.22 0.00	27.57 -1.21 0.00	28.20 -1.14 0.00	30.07 -1.09 0.00	35.30 -1.13 0.00	40.77 -1.22 0.00	54.89 -1.46 -0.27	66.28 -1.48 -0.53	52.30 -1.16 -0.53	42.56 -0.78 -0.27	40.03 -0.77 -0.34
PINELAWN_CC_1 323563	43.89 2.44 0.00	39.33 2.36 -0.08	36.70 2.11 -0.51	37.20 2.03 -1.31	39.74 2.10 -2.68	44.76 2.56 -0.25	59.96 2.29 -0.42	54.42 2.58 -0.20	45.12 3.19 0.00	35.27 2.40 -0.95	37.21 2.06 -6.52	35.39 2.15 -4.53	36.23 2.06 -5.91	35.28 2.13 -4.70	35.84 2.19 -4.88	42.37 2.14 -10.88	48.06 2.31 -14.59	55.42 2.73 -16.26	59.07 2.98 -14.11	66.65 3.87 -6.71	72.67 4.44 -1.01	56.98 3.34 -0.71	46.99 2.89 -1.03	44.33 2.75 -1.11
PJM_GEN_HTP_PROXY 323702	43.31 1.87 0.00	38.51 1.62 0.00	35.48 1.40 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.59 1.63 0.00	59.52 2.58 0.30	54.63 2.68 -0.30	44.54 2.60 0.00	33.74 1.82 0.00	30.20 1.57 0.00	30.37 1.66 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.16 3.08 0.00	71.26 4.03 0.00	55.74 2.80 0.00	45.27 2.20 0.00	42.44 1.98 0.00
PJM_GEN_KEystone 24065	41.36 -0.08 0.00	36.52 -0.37 0.00	33.88 -0.20 0.00	33.69 -0.17 0.00	34.75 -0.21 0.00	41.40 -0.55 0.00	56.02 -0.92 0.30	51.69 -0.26 -0.30	41.86 -0.08 0.00	31.98 0.06 0.00	28.71 0.09 0.00	28.79 0.09 0.00	28.35 0.09 0.00	28.50 0.06 0.00	28.72 -0.06 0.00	29.19 -0.15 0.00	30.72 -0.44 0.00	35.98 -0.44 0.01	41.42 -0.34 0.23	54.95 -0.51 0.62	66.55 -0.67 0.00	52.04 -0.90 0.00	42.17 -0.69 0.21	39.86 -0.61 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.72 2.28 0.00	39.10 2.14 -0.07	36.50 1.91 -0.51	37.03 1.86 -1.31	39.56 1.92 -2.68	44.50 2.31 -0.25	59.06 2.12 0.30	54.37 2.43 -0.30	44.92 2.98 0.00	35.10 2.23 -0.95	37.09 1.95 -6.51	34.75 2.04 -4.01	35.34 1.98 -5.10	35.18 2.05 -4.69	35.74 2.10 -4.87	40.79 2.05 -9.39	45.90 2.15 -12.59	52.77 2.55 -13.80	56.50 2.73 -11.79	64.76 3.54 -5.15	71.32 4.10 0.00	56.30 3.07 -0.29	46.63 2.67 -0.89	43.97 2.55 -0.96
PJM_GEN_VFT_PROXY 323633	43.18 1.74 0.00	38.37 1.48 0.00	35.34 1.26 0.00	35.05 1.18 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.35 2.40 0.30	54.52 2.58 -0.30	44.46 2.52 0.00	33.68 1.75 0.00	30.17 1.54 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	30.98 1.64 0.00	32.90 1.74 0.00	38.57 2.15 0.00	44.25 2.27 0.00	58.99 2.91 0.00	71.12 3.90 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.33 1.86 0.00
PLATSBRG_115KV_PMLD1 355749	41.90 0.46 0.00	37.37 0.48 0.00	34.52 0.44 0.00	34.30 0.44 0.00	35.34 0.38 0.00	42.54 0.59 0.00	58.05 0.80 0.00	52.21 0.57 0.00	42.27 0.34 0.00	31.98 0.06 0.00	28.54 -0.09 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.46 0.12 0.00	31.41 0.25 0.00	36.86 0.44 0.00	42.57 0.59 0.00	56.81 0.73 0.00	68.37 1.14 0.00	53.73 0.79 0.00	43.85 0.78 0.00	41.19 0.73 0.00
PLEASANTVLY___LBMP 24000	42.89 1.45 0.00	38.18 1.29 0.00	35.20 1.12 0.00	34.95 1.08 0.00	36.08 1.12 0.00	43.29 1.34 0.00	59.25 2.00 0.00	53.71 2.07 0.00	43.91 1.97 0.00	33.29 1.37 0.00	29.80 1.17 0.00	29.94 1.23 0.00	29.51 1.24 0.00	29.69 1.25 0.00	30.07 1.29 0.00	30.69 1.35 0.00	32.53 1.37 0.00	38.17 1.75 0.00	43.83 1.85 0.00	58.43 2.36 0.00	70.25 3.03 0.00	55.11 2.17 0.00	44.79 1.72 0.00	42.00 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.22 1.78 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.18 1.32 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.76 2.52 0.00	54.22 2.58 0.00	44.41 2.47 0.00	33.61 1.69 0.00	30.09 1.46 0.00	30.26 1.55 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.98 1.64 0.00	32.87 1.71 0.00	38.57 2.15 0.00	44.25 2.27 0.00	59.00 2.92 0.00	71.06 3.83 0.00	55.58 2.65 0.00	45.18 2.11 0.00	42.36 1.90 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.22 1.78 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.18 1.32 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.76 2.52 0.00	54.22 2.58 0.00	44.41 2.47 0.00	33.61 1.69 0.00	30.09 1.46 0.00	30.26 1.55 0.00	29.79 1.53 0.00	30.01 1.56 0.00	30.39 1.61 0.00	30.98 1.64 0.00	32.87 1.71 0.00	38.57 2.15 0.00	44.25 2.27 0.00	59.00 2.92 0.00	71.06 3.83 0.00	55.58 2.65 0.00	45.18 2.11 0.00	42.36 1.90 0.00

PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.18 1.74 0.00	38.44 1.55 0.00	35.44 1.36 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.59 1.64 0.00	59.71 2.46 0.00	54.02 2.38 0.00	44.04 2.10 0.00	33.33 1.40 0.00	29.83 1.20 0.00	29.97 1.26 0.00	29.51 1.24 0.00	29.75 1.31 0.00	30.10 1.32 0.00	30.75 1.41 0.00	32.59 1.43 0.00	38.28 1.86 0.00	44.00 2.02 0.00	58.88 2.80 0.00	70.65 3.43 0.00	55.43 2.49 0.00	45.10 2.02 0.00	42.28 1.82 0.00
POLETTI____ 23519	43.27 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.64 1.72 0.00	30.14 1.52 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.90 1.74 0.00	38.65 2.22 0.00	44.25 2.27 0.00	59.00 2.92 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00
POMONA____ESR 323819	43.14 1.70 0.00	38.37 1.48 0.00	35.37 1.29 0.00	35.12 1.25 0.00	36.21 1.26 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.07 2.43 0.00	44.20 2.26 0.00	33.52 1.60 0.00	29.97 1.35 0.00	30.14 1.43 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.87 1.52 0.00	32.75 1.59 0.00	38.39 1.97 0.00	44.12 2.14 0.00	58.94 2.86 0.00	70.85 3.63 0.00	55.48 2.54 0.00	45.05 1.98 0.00	42.29 1.82 0.00
PORT_JEFF_3 23555	43.80 2.36 0.00	39.29 2.33 -0.07	36.77 2.18 -0.51	37.30 2.13 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.48 2.06 -2.18	55.15 2.48 -1.03	45.04 3.10 0.00	35.33 2.46 -0.95	37.23 2.09 -6.52	35.14 2.21 -4.22	35.75 2.06 -5.42	35.36 2.22 -4.69	35.92 2.27 -4.87	41.51 2.17 -9.99	46.99 2.43 -13.40	55.36 2.88 -16.06	59.87 3.02 -14.86	69.22 3.82 -9.33	76.66 4.24 -5.20	58.35 3.18 -2.23	46.78 2.76 -0.95	44.15 2.67 -1.02
PORT_JEFF_4 23616	43.80 2.36 0.00	39.29 2.33 -0.07	36.77 2.18 -0.51	37.30 2.13 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.48 2.06 -2.18	55.15 2.48 -1.03	45.04 3.10 0.00	35.33 2.46 -0.95	37.23 2.09 -6.52	35.14 2.21 -4.22	35.75 2.06 -5.42	35.36 2.22 -4.69	35.92 2.27 -4.87	41.51 2.17 -9.99	46.99 2.43 -13.40	55.36 2.88 -16.06	59.87 3.02 -14.86	69.22 3.82 -9.33	76.66 4.24 -5.20	58.35 3.18 -2.23	46.78 2.76 -0.95	44.15 2.67 -1.02
PORT_JEFF_IC 23713	43.89 2.45 0.00	39.36 2.40 -0.07	36.84 2.25 -0.51	37.37 2.20 -1.31	39.91 2.27 -2.68	44.97 2.77 -0.25	61.55 2.18 -2.13	55.18 2.53 -1.00	45.13 3.19 0.00	35.36 2.49 -0.95	37.29 2.15 -6.52	35.17 2.24 -4.23	35.82 2.12 -5.44	35.41 2.28 -4.69	35.95 2.30 -4.87	41.62 2.26 -10.02	47.08 2.49 -13.43	55.62 3.13 -16.07	59.97 3.15 -14.84	69.26 3.93 -9.26	76.68 4.37 -5.09	58.41 3.28 -2.19	46.87 2.84 -0.95	44.24 2.75 -1.02
PPL PILGRIM_ST_GT1 24216	44.05 2.61 0.00	39.47 2.51 -0.07	36.87 2.28 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.37 2.40 -1.73	55.19 2.74 -0.81	45.30 3.36 0.00	35.43 2.55 -0.95	37.35 2.20 -6.52	35.28 2.30 -4.27	35.97 2.21 -5.51	35.44 2.30 -4.69	35.98 2.33 -4.87	41.78 2.29 -10.15	47.25 2.49 -13.60	55.37 2.95 -16.00	59.74 3.19 -14.57	68.78 4.09 -8.61	75.98 4.63 -4.12	58.27 3.49 -1.84	47.05 3.01 -0.96	44.42 2.91 -1.04
PPL PILGRIM_ST_GT2 24217	44.05 2.61 0.00	39.47 2.51 -0.07	36.87 2.28 -0.51	37.37 2.20 -1.31	39.95 2.31 -2.68	44.97 2.77 -0.25	61.37 2.40 -1.73	55.19 2.74 -0.81	45.30 3.36 0.00	35.43 2.55 -0.95	37.35 2.20 -6.52	35.28 2.30 -4.27	35.97 2.21 -5.51	35.44 2.30 -4.69	35.98 2.33 -4.87	41.78 2.29 -10.15	47.25 2.49 -13.60	55.37 2.95 -16.00	59.74 3.19 -14.57	68.78 4.09 -8.61	75.98 4.63 -4.12	58.27 3.49 -1.84	47.05 3.01 -0.96	44.42 2.91 -1.04
PPL_SHRM_GT3 24213	43.43 1.99 0.00	39.03 2.06 -0.07	36.67 2.08 -0.51	37.23 2.07 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.06 1.66 -2.16	54.72 2.07 -1.02	44.71 2.77 0.00	35.20 2.33 -0.95	37.09 1.95 -6.52	35.02 2.09 -4.22	35.59 1.89 -5.43	35.24 2.10 -4.69	35.80 2.16 -4.87	41.31 1.97 -10.01	46.94 2.37 -13.41	55.33 2.84 -16.06	59.56 2.73 -14.85	68.51 3.14 -9.30	75.53 3.16 -5.15	57.54 2.38 -2.21	46.26 2.24 -0.95	43.79 2.31 -1.02
PPL_SHRM_GT4 24214	43.43 1.99 0.00	39.03 2.06 -0.07	36.67 2.08 -0.51	37.23 2.07 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.06 1.66 -2.16	54.72 2.07 -1.02	44.71 2.77 0.00	35.20 2.33 -0.95	37.09 1.95 -6.52	35.02 2.09 -4.22	35.59 1.89 -5.43	35.24 2.10 -4.69	35.80 2.16 -4.87	41.31 1.97 -10.01	46.94 2.37 -13.41	55.33 2.84 -16.06	59.56 2.73 -14.85	68.51 3.14 -9.30	75.53 3.16 -5.15	57.54 2.38 -2.21	46.26 2.24 -0.95	43.79 2.31 -1.02
PROJECT____ORANGE 1 24174	41.73 -0.50 -0.78	36.80 -0.52 -0.42	33.76 -0.48 -0.16	33.53 -0.47 -0.14	34.74 -0.45 -0.24	42.26 -0.55 -0.85	58.10 -0.74 -1.60	52.21 -0.57 -1.14	41.70 -0.55 -0.31	31.63 -0.29 0.00	28.43 -0.20 0.00	28.53 -0.17 0.00	28.12 -0.14 0.00	28.27 -0.17 0.00	28.57 -0.20 0.00	29.08 -0.26 0.00	30.88 -0.28 0.00	35.95 -0.47 0.00	41.23 -0.50 0.25	55.35 -0.56 0.17	67.51 -0.74 -1.03	53.33 -0.64 -1.03	42.76 -0.60 -0.29	40.55 -0.57 -0.65
PROJECT____ORANGE 2 24166	41.73 -0.50 -0.78	36.80 -0.52 -0.42	33.76 -0.48 -0.16	33.53 -0.47 -0.14	34.74 -0.45 -0.24	42.26 -0.55 -0.85	58.10 -0.74 -1.60	52.21 -0.57 -1.14	41.70 -0.55 -0.31	31.63 -0.29 0.00	28.43 -0.20 0.00	28.53 -0.17 0.00	28.12 -0.14 0.00	28.27 -0.17 0.00	28.57 -0.20 0.00	29.08 -0.26 0.00	30.88 -0.28 0.00	35.95 -0.47 0.00	41.23 -0.50 0.25	55.35 -0.56 0.17	67.51 -0.74 -1.03	53.33 -0.64 -1.03	42.76 -0.60 -0.29	40.55 -0.57 -0.65
PUCKETT____SOLAR 323809	42.75 0.70 -0.60	37.81 0.59 -0.33	34.75 0.54 -0.12	34.55 0.58 -0.11	35.80 0.66 -0.18	43.45 0.84 -0.66	59.62 1.14 -1.23	53.55 1.03 -0.88	42.81 0.63 -0.24	32.27 0.35 0.00	28.88 0.26 0.00	28.94 0.23 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.98 0.20 0.00	29.55 0.21 0.00	31.35 0.19 -0.01	36.84 0.40 -0.02	42.58 0.71 0.12	57.51 1.34 -0.09	69.58 1.55 -0.81	54.87 1.11 -0.82	44.25 0.86 -0.32	41.75 0.77 -0.52
PYRITES____HYD 24023	41.48 -0.25 -0.29	37.01 -0.04 -0.16	34.07 -0.07 -0.06	33.81 -0.10 -0.05	34.90 -0.14 -0.09	42.39 0.13 -0.31	57.94 0.11 -0.59	51.54 -0.52 -0.42	41.42 -0.63 -0.11	31.12 -0.80 0.00	27.71 -0.92 0.00	27.73 -0.98 0.00	27.33 -0.93 0.00	27.53 -0.91 0.00	27.91 -0.86 0.00	28.55 -0.79 0.00	30.47 -0.69 0.00	35.81 -0.62 0.00	41.48 -0.50 0.00	56.05 -0.28 -0.25	67.71 0.00 -0.49	53.42 0.00 -0.49	43.45 0.13 -0.25	40.85 0.08 -0.31
QUAKERRD_115KV_BK1 80622	39.83 -1.62 0.00	35.19 -1.70 0.00	32.55 -1.53 0.00	32.44 -1.42 0.00	33.56 -1.40 0.00	40.06 -1.89 0.00	54.32 -2.92 0.00	49.52 -2.12 0.00	40.05 -1.89 0.00	30.71 -1.21 0.00	27.60 -1.03 0.00	27.67 -1.03 0.00	27.24 -1.02 0.00	27.42 -1.02 0.00	27.60 -1.18 0.00	27.93 -1.41 0.00	29.60 -1.56 0.00	34.49 -1.93 0.01	39.50 -1.93 0.55	51.98 -2.58 1.52	63.80 -3.43 0.00	50.18 -2.75 0.00	40.16 -2.41 0.50	38.32 -2.14 0.00



QUEENSBRY_115KV_TB8 356137	43.97 2.53 0.00	39.10 2.21 0.00	36.12 2.04 0.00	35.93 2.07 0.00	37.12 2.17 0.00	44.59 2.64 0.00	61.14 3.89 0.00	54.79 3.15 0.00	43.99 2.06 0.00	33.17 1.24 0.00	29.66 1.03 0.00	29.71 1.00 0.00	29.19 0.93 0.00	29.10 0.65 0.00	29.44 0.66 0.00	30.19 0.85 0.00	32.00 0.84 0.00	37.66 1.24 0.00	43.83 1.85 0.00	57.42 1.35 0.00	68.90 1.68 0.00	54.84 1.91 0.00	44.54 1.46 0.00	41.96 1.50 0.00
RAMAPO___LBMP 323565	43.02 1.57 0.00	38.26 1.36 0.00	35.27 1.19 0.00	35.01 1.15 0.00	36.11 1.15 0.00	43.38 1.43 0.00	59.42 2.18 0.00	53.91 2.27 0.00	44.08 2.14 0.00	33.42 1.50 0.00	29.91 1.29 0.00	30.06 1.35 0.00	29.62 1.36 0.00	29.84 1.39 0.00	30.19 1.41 0.00	30.81 1.47 0.00	32.66 1.50 0.00	38.32 1.89 0.00	43.96 1.97 0.00	58.71 2.64 0.00	70.65 3.43 0.00	55.27 2.33 0.00	44.92 1.85 0.00	42.12 1.66 0.00
RANKINE____ 23646	39.78 -1.66 0.00	34.79 -2.10 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.52 -1.43 0.00	39.43 -2.52 0.00	52.72 -4.52 0.00	48.70 -2.94 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.57 -1.06 0.00	27.53 -1.18 0.00	27.10 -1.16 0.00	27.13 -1.31 0.00	27.16 -1.61 0.00	27.02 -2.32 0.00	28.44 -2.71 0.01	33.27 -3.13 0.02	38.50 -2.98 0.50	50.61 -4.09 1.38	61.64 -5.58 0.00	48.28 -4.66 0.00	39.03 -3.57 0.47	37.39 -3.08 0.00
RAVENSWOOD_GT2_1 24244	43.27 1.82 0.00	38.48 1.59 0.00	35.41 1.33 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.17 1.55 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.09 1.65 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.94 1.78 0.00	38.65 2.22 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT2_2 24245	43.27 1.82 0.00	38.48 1.59 0.00	35.41 1.33 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.17 1.55 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.09 1.65 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.94 1.78 0.00	38.65 2.22 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT2_3 24246	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.33 2.69 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.17 1.55 0.00	30.34 1.64 0.00	29.87 1.61 0.00	30.09 1.65 0.00	30.47 1.70 0.00	31.04 1.70 0.00	32.94 1.78 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT2_4 24247	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.33 2.69 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.17 1.55 0.00	30.34 1.64 0.00	29.87 1.61 0.00	30.09 1.65 0.00	30.47 1.70 0.00	31.04 1.70 0.00	32.94 1.78 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT3_1 24248	43.31 1.86 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.82 2.58 0.00	54.33 2.69 0.00	44.54 2.60 0.00	33.71 1.79 0.00	30.20 1.57 0.00	30.34 1.64 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.07 1.73 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.34 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT3_2 24249	43.31 1.86 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.59 1.64 0.00	59.82 2.58 0.00	54.33 2.69 0.00	44.54 2.60 0.00	33.71 1.79 0.00	30.20 1.57 0.00	30.34 1.64 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.07 1.73 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.34 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT3_3 24250	43.35 1.91 0.00	38.51 1.62 0.00	35.48 1.40 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.74 1.82 0.00	30.23 1.60 0.00	30.40 1.69 0.00	29.93 1.67 0.00	30.15 1.71 0.00	30.53 1.76 0.00	31.10 1.76 0.00	33.00 1.84 0.00	38.76 2.33 0.00	44.38 2.39 0.00	59.16 3.08 0.00	71.32 4.10 0.00	55.74 2.81 0.00	45.31 2.24 0.00	42.49 2.02 0.00
RAVENSWOOD_GT3_4 24251	43.35 1.91 0.00	38.51 1.62 0.00	35.48 1.40 0.00	35.18 1.32 0.00	36.32 1.36 0.00	43.63 1.68 0.00	59.88 2.63 0.00	54.38 2.74 0.00	44.58 2.64 0.00	33.74 1.82 0.00	30.23 1.60 0.00	30.40 1.69 0.00	29.93 1.67 0.00	30.15 1.71 0.00	30.53 1.76 0.00	31.10 1.76 0.00	33.00 1.84 0.00	38.76 2.33 0.00	44.38 2.39 0.00	59.16 3.08 0.00	71.32 4.10 0.00	55.74 2.81 0.00	45.31 2.24 0.00	42.49 2.02 0.00
RAVENSWOOD_GT_1 23729	43.35 1.91 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.33 2.69 0.00	44.54 2.60 0.00	33.74 1.82 0.00	30.29 1.66 0.00	30.43 1.72 0.00	29.99 1.72 0.00	30.21 1.76 0.00	30.59 1.81 0.00	31.10 1.76 0.00	33.03 1.87 0.00	38.76 2.33 0.00	44.38 2.39 0.00	59.16 3.08 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.45 1.98 0.00
RAVENSWOOD_GT_10 24258	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.14 1.52 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.90 1.74 0.00	38.65 2.22 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT_11 24259	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.14 1.52 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.90 1.74 0.00	38.65 2.22 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT_4 24252	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.20 1.57 0.00	30.37 1.67 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00

RAVENSWOOD_GT_5 24254	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.20 1.57 0.00	30.37 1.67 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT_6 24253	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.20 1.57 0.00	30.37 1.67 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT_7 24255	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.20 1.57 0.00	30.37 1.67 0.00	29.90 1.64 0.00	30.12 1.68 0.00	30.50 1.73 0.00	31.04 1.70 0.00	32.97 1.81 0.00	38.68 2.26 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.14 1.52 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.90 1.74 0.00	38.65 2.22 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD_GT_9 24257	43.27 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.68 1.76 0.00	30.14 1.52 0.00	30.31 1.61 0.00	29.84 1.58 0.00	30.06 1.62 0.00	30.44 1.67 0.00	31.01 1.67 0.00	32.90 1.74 0.00	38.65 2.22 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.19 3.97 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.41 1.94 0.00
RAVENSWOOD___1 23533	43.31 1.87 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.74 1.82 0.00	30.26 1.63 0.00	30.43 1.72 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.07 1.73 0.00	33.00 1.84 0.00	38.72 2.30 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.26 4.03 0.00	55.64 2.70 0.00	45.18 2.11 0.00	42.40 1.94 0.00
RAVENSWOOD___2 23534	43.31 1.87 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.70 2.46 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.43 1.72 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.04 1.70 0.00	33.00 1.84 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.18 2.11 0.00	42.40 1.94 0.00
RAVENSWOOD___3 23535	43.26 1.82 0.00	38.48 1.59 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.28 1.33 0.00	43.54 1.59 0.00	59.76 2.52 0.00	54.27 2.63 0.00	44.50 2.56 0.00	33.68 1.75 0.00	30.17 1.54 0.00	30.34 1.64 0.00	29.87 1.61 0.00	30.09 1.65 0.00	30.47 1.70 0.00	31.01 1.67 0.00	32.93 1.78 0.00	38.65 2.22 0.00	44.29 2.31 0.00	59.05 2.97 0.00	71.26 4.03 0.00	55.69 2.75 0.00	45.22 2.15 0.00	42.40 1.94 0.00
RAVENSWOOD___4 23820	43.26 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.70 2.46 0.00	54.22 2.58 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.04 1.70 0.00	33.00 1.84 0.00	38.68 2.26 0.00	44.33 2.35 0.00	59.11 3.03 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.14 2.07 0.00	42.36 1.90 0.00
RCPL_TRUST___DRP 24196	43.35 1.91 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.13 1.79 0.00	33.03 1.87 0.00	38.76 2.33 0.00	44.42 2.44 0.00	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
RED___ROCHESTER 323720	40.95 -0.50 0.00	36.08 -0.81 0.00	33.40 -0.68 0.00	33.32 -0.54 0.00	34.43 -0.52 0.00	41.11 -0.84 0.00	55.64 -1.60 0.00	50.87 -0.77 0.00	41.10 -0.84 0.00	31.50 -0.42 0.00	28.34 -0.29 0.00	28.39 -0.32 0.00	27.95 -0.31 0.00	28.16 -0.28 0.00	28.29 -0.49 0.00	28.78 -0.56 0.00	30.22 -0.93 0.00	35.32 -1.09 0.01	40.46 -0.96 0.56	53.36 -1.18 1.53	65.21 -2.01 0.00	51.35 -1.59 0.00	41.14 -1.42 0.51	39.17 -1.30 0.00
REGAN___SOLAR 323812	44.10 2.65 0.00	39.22 2.33 0.00	36.19 2.11 0.00	36.00 2.13 0.00	37.23 2.27 0.00	44.76 2.81 0.00	61.19 3.95 0.00	54.07 2.43 0.00	42.78 0.84 0.00	31.95 0.03 0.00	28.48 -0.14 0.00	28.54 -0.17 0.00	28.03 -0.23 0.00	28.13 -0.31 0.00	28.58 -0.20 0.00	29.40 0.06 0.00	31.41 0.25 0.00	37.08 0.66 0.00	43.62 1.64 0.00	59.05 2.97 0.00	70.99 3.76 0.00	56.11 3.18 0.00	45.53 2.45 0.00	42.77 2.31 0.00
RENSSELAER___COGEN 23796	42.15 0.70 0.00	37.52 0.63 0.00	34.73 0.65 0.00	34.50 0.64 0.00	35.59 0.63 0.00	42.75 0.80 0.00	58.28 1.03 0.00	52.42 0.78 0.00	42.73 0.79 0.00	32.40 0.48 0.00	29.06 0.43 0.00	29.16 0.46 0.00	28.66 0.40 0.00	28.81 0.37 0.00	29.18 0.40 0.00	29.81 0.47 0.00	31.63 0.47 0.00	37.08 0.66 0.00	42.78 0.80 0.00	56.92 0.84 0.00	68.10 0.87 0.00	53.78 0.84 0.00	43.80 0.73 0.00	41.15 0.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.17 3.73 0.00	40.14 3.25 0.00	37.11 3.03 0.00	36.91 3.05 0.00	38.14 3.18 0.00	45.94 3.99 0.00	63.14 5.90 0.00	56.13 4.49 0.00	44.71 2.77 0.00	33.48 1.56 0.00	29.89 1.26 0.00	29.88 1.18 0.00	29.31 1.05 0.00	29.24 0.80 0.00	29.58 0.81 0.00	30.46 1.11 0.00	32.28 1.12 0.00	38.17 1.75 0.00	44.76 2.77 0.00	59.00 2.92 0.00	71.06 3.83 0.00	56.64 3.71 0.00	45.83 2.76 0.00	43.21 2.75 0.00
REVERE_CPPR_DRP 24186	43.07 1.12 -0.51	38.24 1.07 -0.27	35.11 0.92 -0.11	34.87 0.91 -0.09	36.16 1.05 -0.15	44.01 1.51 -0.55	60.28 2.00 -1.04	53.78 1.39 -0.74	43.06 0.92 -0.20	32.37 0.45 0.00	28.91 0.29 0.00	28.94 0.23 0.00	28.43 0.17 0.00	28.59 0.14 0.00	29.06 0.29 0.00	29.58 0.23 0.00	31.38 0.22 0.00	36.94 0.51 0.00	42.74 0.76 0.00	58.15 1.68 -0.39	70.05 2.08 -0.75	55.49 1.80 -0.75	44.83 1.38 -0.38	42.11 1.17 -0.47

REYNLDPA_13_KV_LD 356490	41.90 0.46 0.00	37.37 0.48 0.00	34.56 0.48 0.00	34.34 0.47 0.00	35.31 0.35 0.00	42.49 0.54 0.00	57.76 0.51 0.00	52.01 0.36 0.00	42.23 0.30 0.00	32.08 0.16 0.00	28.71 0.09 0.00	28.74 0.03 0.00	28.38 0.11 0.00	28.59 0.14 0.00	28.95 0.17 0.00	29.57 0.23 0.00	31.54 0.38 0.00	36.65 0.22 0.00	42.20 0.21 0.00	56.19 0.11 0.00	67.70 0.47 0.00	53.26 0.32 0.00	43.46 0.39 0.00	40.87 0.40 0.00
REYNOLDS_115KV_TB3 80639	42.56 1.12 0.00	37.89 1.00 0.00	35.03 0.95 0.00	34.81 0.95 0.00	35.90 0.94 0.00	43.08 1.13 0.00	58.79 1.55 0.00	52.98 1.34 0.00	43.11 1.17 0.00	32.72 0.80 0.00	29.34 0.72 0.00	29.42 0.72 0.00	28.94 0.68 0.00	29.10 0.65 0.00	29.47 0.69 0.00	30.10 0.76 0.00	31.94 0.78 0.00	37.45 1.02 0.00	43.16 1.18 0.00	57.48 1.40 0.00	68.70 1.48 0.00	54.31 1.38 0.00	44.23 1.16 0.00	41.51 1.05 0.00
RIVERBAY____ 323610	43.97 2.53 0.00	38.99 2.10 0.00	35.92 1.84 0.00	35.59 1.73 0.00	36.74 1.78 0.00	43.96 2.01 0.00	60.28 3.03 0.00	54.74 3.10 0.00	44.87 2.94 0.00	34.00 2.07 0.00	30.52 1.89 0.00	30.72 2.01 0.00	30.21 1.95 0.00	30.41 1.96 0.00	30.79 2.01 0.00	31.31 1.97 0.00	33.25 2.09 0.00	39.05 2.62 0.00	44.67 2.69 0.00	59.61 3.53 0.00	71.79 4.57 0.00	56.06 3.12 0.00	45.53 2.46 0.00	42.85 2.39 0.00
RIVERSDE_115KV_TB3 55908	42.39 0.95 0.00	37.74 0.85 0.00	34.93 0.85 0.00	34.71 0.85 0.00	35.80 0.84 0.00	42.96 1.01 0.00	58.62 1.37 0.00	52.78 1.14 0.00	42.99 1.05 0.00	32.59 0.67 0.00	29.23 0.60 0.00	29.34 0.63 0.00	28.83 0.57 0.00	28.98 0.54 0.00	29.32 0.55 0.00	29.99 0.65 0.00	31.81 0.65 0.00	37.30 0.87 0.00	43.03 1.05 0.00	57.26 1.18 0.00	68.50 1.28 0.00	54.16 1.22 0.00	44.11 1.03 0.00	41.39 0.93 0.00
ROARING__BROOK_WT_PWR 323790	41.32 -0.12 0.00	36.82 -0.07 0.00	34.01 -0.07 0.00	33.79 -0.07 0.00	34.89 -0.07 0.00	41.91 -0.04 0.00	57.19 -0.06 0.00	51.54 -0.10 0.00	41.86 -0.08 0.00	31.83 -0.10 0.00	28.51 -0.11 0.00	28.56 -0.14 0.00	28.09 -0.17 0.00	28.27 -0.17 0.00	28.60 -0.17 0.00	29.17 -0.17 0.00	31.00 -0.16 0.00	36.28 -0.15 0.00	41.86 -0.13 0.00	55.91 -0.17 0.00	67.09 -0.13 0.00	52.78 -0.16 0.00	42.94 -0.13 0.00	40.34 -0.12 0.00
ROCHESRG_115KV_T4 355643	40.49 -0.95 0.00	35.71 -1.18 0.00	33.09 -0.99 0.00	32.98 -0.88 0.00	34.12 -0.84 0.00	40.65 -1.30 0.00	55.01 -2.23 0.00	50.25 -1.39 0.00	40.64 -1.30 0.00	31.19 -0.73 0.00	28.05 -0.57 0.00	28.10 -0.60 0.00	27.70 -0.57 0.00	27.85 -0.60 0.00	28.00 -0.78 0.00	28.25 -1.09 0.00	29.91 -1.25 0.00	34.85 -1.57 0.01	39.97 -1.43 0.58	52.57 -1.91 1.60	64.53 -2.69 0.00	50.71 -2.22 0.00	40.56 -1.98 0.53	38.80 -1.66 0.00
ROCHESTER_9_IC 23652	40.78 -0.66 0.00	35.93 -0.96 0.00	33.30 -0.78 0.00	33.19 -0.68 0.00	34.33 -0.63 0.00	40.94 -1.01 0.00	55.41 -1.83 0.00	50.66 -0.98 0.00	40.93 -1.01 0.00	31.38 -0.54 0.00	28.23 -0.40 0.00	28.28 -0.43 0.00	27.87 -0.40 0.00	28.02 -0.43 0.00	28.17 -0.60 0.00	28.43 -0.91 0.00	30.10 -1.06 0.00	35.07 -1.35 0.01	40.28 -1.13 0.57	53.00 -1.51 1.56	64.94 -2.29 0.00	51.08 -1.85 0.00	40.88 -1.68 0.52	39.05 -1.42 0.00
ROCKVIEW_13_KV_LD 356306	43.35 1.91 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.67 1.72 0.00	59.93 2.69 0.00	54.38 2.74 0.00	44.54 2.60 0.00	33.71 1.79 0.00	30.17 1.55 0.00	30.31 1.61 0.00	29.87 1.61 0.00	30.09 1.65 0.00	30.47 1.70 0.00	31.07 1.73 0.00	32.97 1.81 0.00	38.72 2.29 0.00	44.38 2.39 0.00	59.16 3.08 0.00	71.32 4.10 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
ROME____115KV_TB2 80656	43.07 1.12 -0.51	38.24 1.07 -0.27	35.11 0.92 -0.11	34.87 0.91 -0.09	36.16 1.05 -0.15	44.01 1.51 -0.55	60.28 2.00 -1.04	53.78 1.39 -0.74	43.06 0.92 -0.20	32.37 0.45 0.00	28.91 0.29 0.00	28.94 0.23 0.00	28.43 0.17 0.00	28.59 0.14 0.00	29.06 0.29 0.00	29.58 0.23 0.00	31.38 0.22 0.00	36.94 0.51 0.00	42.74 0.76 0.00	58.15 1.68 -0.39	70.05 2.08 -0.75	55.49 1.80 -0.75	44.83 1.38 -0.38	42.11 1.17 -0.47
ROSETON__1 23587	42.89 1.45 0.00	38.18 1.29 0.00	35.20 1.12 0.00	34.91 1.05 0.00	36.04 1.08 0.00	43.25 1.30 0.00	59.25 2.00 0.00	53.65 2.01 0.00	43.87 1.93 0.00	33.26 1.34 0.00	29.77 1.15 0.00	29.91 1.21 0.00	29.45 1.19 0.00	29.67 1.22 0.00	30.04 1.26 0.00	30.60 1.26 0.00	32.50 1.34 0.00	38.10 1.68 0.00	43.79 1.80 0.00	58.43 2.35 0.00	70.18 2.95 0.00	55.06 2.12 0.00	44.75 1.68 0.00	42.00 1.54 0.00
ROSETON__2 23588	42.89 1.45 0.00	38.18 1.29 0.00	35.20 1.12 0.00	34.91 1.05 0.00	36.04 1.08 0.00	43.25 1.30 0.00	59.25 2.00 0.00	53.65 2.01 0.00	43.87 1.93 0.00	33.26 1.34 0.00	29.77 1.15 0.00	29.91 1.21 0.00	29.45 1.19 0.00	29.67 1.22 0.00	30.04 1.26 0.00	30.60 1.26 0.00	32.50 1.34 0.00	38.10 1.68 0.00	43.79 1.80 0.00	58.43 2.35 0.00	70.18 2.95 0.00	55.06 2.12 0.00	44.75 1.68 0.00	42.00 1.54 0.00
ROTTTRDAM_115KV_TB3 80664	42.60 1.16 0.00	37.92 1.03 0.00	35.03 0.95 0.00	34.81 0.95 0.00	35.94 0.98 0.00	43.08 1.13 0.00	58.90 1.66 0.00	53.04 1.39 0.00	42.99 1.05 0.00	32.59 0.67 0.00	29.20 0.57 0.00	29.28 0.57 0.00	28.83 0.57 0.00	28.96 0.51 0.00	29.32 0.55 0.00	29.96 0.62 0.00	31.78 0.62 0.00	37.26 0.84 0.00	43.03 1.05 0.00	57.42 1.35 0.00	68.84 1.61 0.00	54.31 1.38 0.00	44.19 1.12 0.00	41.47 1.01 0.00
RUSSELL__1 23602	40.94 -0.50 0.00	36.08 -0.81 0.00	33.40 -0.68 0.00	33.32 -0.54 0.00	34.43 -0.52 0.00	41.11 -0.84 0.00	55.64 -1.60 0.00	50.87 -0.77 0.00	41.10 -0.84 0.00	31.51 -0.41 0.00	28.34 -0.29 0.00	28.39 -0.32 0.00	27.95 -0.31 0.00	28.13 -0.31 0.00	28.29 -0.49 0.00	28.55 -0.79 0.00	30.22 -0.93 0.00	35.25 -1.17 0.01	40.45 -0.97 0.57	53.28 -1.23 1.57	65.21 -2.02 0.00	51.30 -1.64 0.00	41.05 -1.51 0.52	39.17 -1.29 0.00
RUSSELL__2 23532	40.94 -0.50 0.00	36.08 -0.81 0.00	33.40 -0.68 0.00	33.32 -0.54 0.00	34.43 -0.52 0.00	41.11 -0.84 0.00	55.64 -1.60 0.00	50.87 -0.77 0.00	41.10 -0.84 0.00	31.51 -0.41 0.00	28.34 -0.29 0.00	28.39 -0.32 0.00	27.95 -0.31 0.00	28.13 -0.31 0.00	28.29 -0.49 0.00	28.55 -0.79 0.00	30.22 -0.93 0.00	35.25 -1.17 0.01	40.45 -0.97 0.57	53.28 -1.23 1.57	65.21 -2.02 0.00	51.30 -1.64 0.00	41.05 -1.51 0.52	39.17 -1.29 0.00
RUSSELL__3 23549	40.94 -0.50 0.00	36.08 -0.81 0.00	33.40 -0.68 0.00	33.32 -0.54 0.00	34.43 -0.52 0.00	41.11 -0.84 0.00	55.64 -1.60 0.00	50.87 -0.77 0.00	41.10 -0.84 0.00	31.51 -0.41 0.00	28.34 -0.29 0.00	28.39 -0.32 0.00	27.95 -0.31 0.00	28.13 -0.31 0.00	28.29 -0.49 0.00	28.55 -0.79 0.00	30.22 -0.93 0.00	35.25 -1.17 0.01	40.45 -0.97 0.57	53.28 -1.23 1.57	65.21 -2.02 0.00	51.30 -1.64 0.00	41.05 -1.51 0.52	39.17 -1.29 0.00

RUSSELL___4 23556	40.94 -0.50 0.00	36.08 -0.81 0.00	33.40 -0.68 0.00	33.32 -0.54 0.00	34.43 -0.52 0.00	41.11 -0.84 0.00	55.64 -1.60 0.00	50.87 -0.77 0.00	41.10 -0.84 0.00	31.51 -0.41 0.00	28.34 -0.29 0.00	28.39 -0.32 0.00	27.95 -0.31 0.00	28.13 -0.31 0.00	28.29 -0.49 0.00	28.55 -0.79 0.00	30.22 -0.93 0.00	35.25 -1.17 0.01	40.45 -0.97 0.57	53.28 -1.23 1.57	65.21 -2.02 0.00	51.30 -1.64 0.00	41.05 -1.51 0.52	39.17 -1.29 0.00
RUSSELL___STATION 23914	40.94 -0.50 0.00	36.08 -0.81 0.00	33.40 -0.68 0.00	33.32 -0.54 0.00	34.43 -0.52 0.00	41.11 -0.84 0.00	55.64 -1.60 0.00	50.87 -0.77 0.00	41.10 -0.84 0.00	31.51 -0.41 0.00	28.34 -0.29 0.00	28.39 -0.32 0.00	27.95 -0.31 0.00	28.13 -0.31 0.00	28.29 -0.49 0.00	28.55 -0.79 0.00	30.22 -0.93 0.00	35.25 -1.17 0.01	40.45 -0.97 0.57	53.28 -1.23 1.57	65.21 -2.02 0.00	51.30 -1.64 0.00	41.05 -1.51 0.52	39.17 -1.29 0.00
S SALMON___HYD 24043	43.99 0.08 -2.46	38.44 0.22 -1.33	34.69 0.10 -0.51	34.39 0.07 -0.46	35.94 0.25 -0.74	45.18 0.54 -2.68	62.67 0.40 -5.02	54.81 -0.41 -3.58	42.08 -0.84 -0.98	30.90 -1.02 0.00	27.74 -0.89 0.00	27.87 -0.83 0.00	27.36 -0.91 0.00	27.51 -0.94 0.00	27.97 -0.81 0.00	28.37 -0.97 0.00	30.19 -0.97 0.00	35.48 -0.95 0.00	41.27 -0.84 -0.12	57.02 -0.67 -1.61	69.02 -0.67 -2.46	55.04 -0.37 -2.47	44.04 -0.39 -1.36	41.58 -0.44 -1.57
S.PERRY___115KV_TB1 80734	41.69 0.25 0.00	36.63 -0.26 0.00	34.01 -0.07 0.00	33.96 0.10 0.00	35.13 0.17 0.00	41.91 -0.04 0.00	56.67 -0.57 0.00	51.74 0.10 0.00	41.35 -0.59 0.00	31.54 -0.38 0.00	28.28 -0.34 0.00	28.33 -0.37 0.00	27.89 -0.37 0.00	27.99 -0.46 0.00	28.14 -0.63 0.00	28.31 -1.03 0.00	30.06 -1.09 0.01	35.35 -1.06 0.02	41.14 -0.38 0.47	54.68 -0.11 1.28	66.75 -0.47 0.00	52.25 -0.69 0.00	41.95 -0.69 0.44	39.90 -0.57 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.49 -1.95 0.00	34.57 -2.32 0.00	32.27 -1.81 0.00	32.27 -1.59 0.00	33.28 -1.68 0.00	39.06 -2.89 0.00	52.15 -5.09 0.00	48.28 -3.36 0.00	39.13 -2.81 0.00	30.36 -1.56 0.00	27.40 -1.23 0.00	27.36 -1.35 0.00	26.96 -1.30 0.00	26.99 -1.45 0.00	27.05 -1.73 0.00	26.88 -2.46 0.00	28.29 -2.87 0.01	32.98 -3.42 0.02	38.24 -3.23 0.52	50.18 -4.49 1.41	61.11 -6.12 0.00	47.91 -5.03 0.00	38.63 -3.96 0.48	37.10 -3.36 0.00
SAWYER___23_KV_LOAD 55526	39.49 -1.95 0.00	34.57 -2.32 0.00	32.27 -1.81 0.00	32.27 -1.59 0.00	33.28 -1.68 0.00	39.06 -2.89 0.00	52.15 -5.09 0.00	48.28 -3.36 0.00	39.13 -2.81 0.00	30.36 -1.56 0.00	27.40 -1.23 0.00	27.36 -1.35 0.00	26.96 -1.30 0.00	26.99 -1.45 0.00	27.05 -1.73 0.00	26.88 -2.46 0.00	28.29 -2.87 0.01	32.98 -3.42 0.02	38.24 -3.23 0.52	50.18 -4.49 1.41	61.11 -6.12 0.00	47.91 -5.03 0.00	38.63 -3.96 0.48	37.10 -3.36 0.00
SELKIRK___I 23801	42.56 1.12 0.00	37.89 1.00 0.00	35.07 0.99 0.00	34.85 0.98 0.00	35.93 0.98 0.00	43.12 1.17 0.00	58.79 1.55 0.00	52.78 1.13 0.00	42.86 0.92 0.00	32.46 0.54 0.00	29.08 0.46 0.00	29.16 0.46 0.00	28.66 0.40 0.00	28.84 0.40 0.00	29.18 0.40 0.00	29.81 0.47 0.00	31.66 0.50 0.00	37.19 0.77 0.00	42.99 1.01 0.00	57.37 1.29 0.00	68.77 1.55 0.00	54.31 1.37 0.00	44.19 1.12 0.00	41.51 1.05 0.00
SELKIRK___II 23799	42.23 0.79 0.00	37.59 0.70 0.00	34.80 0.72 0.00	34.54 0.68 0.00	35.66 0.70 0.00	42.75 0.80 0.00	58.33 1.08 0.00	52.52 0.88 0.00	42.78 0.84 0.00	32.46 0.54 0.00	29.11 0.49 0.00	29.22 0.52 0.00	28.71 0.45 0.00	28.90 0.45 0.00	29.23 0.46 0.00	29.84 0.50 0.00	31.69 0.53 0.00	37.15 0.73 0.00	42.82 0.84 0.00	57.03 0.95 0.00	68.30 1.07 0.00	53.94 1.00 0.00	43.89 0.82 0.00	41.23 0.77 0.00
SENECA OSWGO___HYD 24041	43.30 -1.08 -2.93	37.44 -1.03 -1.59	33.73 -0.95 -0.61	33.46 -0.95 -0.54	34.90 -0.94 -0.88	44.05 -1.09 -3.19	61.73 -1.49 -5.98	54.62 -1.29 -4.27	41.97 -1.13 -1.17	31.15 -0.77 0.00	28.02 -0.60 0.00	28.13 -0.57 0.00	27.70 -0.57 0.00	27.87 -0.57 0.00	28.17 -0.61 0.00	28.69 -0.65 0.00	30.44 -0.72 0.00	35.48 -0.95 0.00	41.22 -1.13 -0.37	57.64 -1.35 -2.91	69.25 -1.68 -3.70	55.27 -1.38 -3.71	44.10 -1.16 -2.19	41.68 -1.13 -2.35
SENECA___115KV_TB3 355854	39.82 -1.62 0.00	34.83 -2.07 0.00	32.58 -1.50 0.00	32.58 -1.29 0.00	33.56 -1.40 0.00	39.48 -2.48 0.00	52.78 -4.47 0.00	48.75 -2.89 0.00	39.46 -2.47 0.00	30.61 -1.31 0.00	27.62 -1.00 0.00	27.56 -1.15 0.00	27.13 -1.13 0.00	27.19 -1.25 0.00	27.19 -1.58 0.00	27.52 -1.82 0.00	28.47 -2.68 0.01	33.34 -3.06 0.02	38.55 -2.94 0.49	50.80 -3.93 1.35	61.71 -5.51 0.00	48.33 -4.61 0.00	39.17 -3.45 0.46	37.43 -3.04 0.00
SENECA___ENERGY 23797	42.12 -0.41 -1.09	36.89 -0.59 -0.59	33.83 -0.48 -0.23	33.66 -0.40 -0.20	34.94 -0.35 -0.33	42.64 -0.50 -1.19	58.61 -0.86 -2.23	52.71 -0.52 -1.59	41.83 -0.55 -0.43	31.57 -0.35 0.00	28.34 -0.29 0.00	28.42 -0.29 0.00	27.98 -0.28 0.00	28.13 -0.31 0.00	28.37 -0.40 0.00	28.87 -0.47 0.00	30.56 -0.59 0.00	35.69 -0.73 0.01	41.25 -0.59 0.15	55.76 -0.67 -0.35	67.69 -1.01 -1.48	53.47 -0.95 -1.48	42.90 -0.77 -0.60	40.67 -0.73 -0.94
SHOEMAKER___GT 23640	42.81 1.37 0.00	38.11 1.22 0.00	35.14 1.06 0.00	34.88 1.01 0.00	36.00 1.05 0.00	43.17 1.22 0.00	59.13 1.89 0.00	53.50 1.86 0.00	43.66 1.72 0.00	33.10 1.18 0.00	29.60 0.97 0.00	29.74 1.03 0.00	29.28 1.02 0.00	29.52 1.08 0.00	29.90 1.12 0.00	30.46 1.11 0.00	32.34 1.18 0.00	37.96 1.53 0.00	43.62 1.64 0.00	58.32 2.25 0.00	70.05 2.82 0.00	54.95 2.01 0.00	44.67 1.59 0.00	41.92 1.45 0.00
SHOEMAKR_138KV_BK 111 55601	42.81 1.37 0.00	38.11 1.22 0.00	35.14 1.06 0.00	34.88 1.02 0.00	35.97 1.01 0.00	43.17 1.22 0.00	59.13 1.89 0.00	53.50 1.86 0.00	43.66 1.72 0.00	33.10 1.18 0.00	29.63 1.00 0.00	29.77 1.06 0.00	29.31 1.05 0.00	29.55 1.11 0.00	29.90 1.12 0.00	30.51 1.17 0.00	32.38 1.22 0.00	37.99 1.57 0.00	43.62 1.64 0.00	58.32 2.24 0.00	70.11 2.89 0.00	54.95 2.01 0.00	44.67 1.59 0.00	41.92 1.46 0.00
SHOREHAM_IC_1 23715	43.43 1.99 0.00	39.03 2.06 -0.07	36.67 2.08 -0.51	37.23 2.07 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.06 1.66 -2.16	54.72 2.07 -1.02	44.71 2.77 0.00	35.20 2.33 -0.95	37.09 1.95 -6.52	35.02 2.09 -4.22	35.59 1.89 -5.43	35.24 2.10 -4.69	35.80 2.16 -4.87	41.31 1.97 -10.01	46.94 2.37 -13.41	55.33 2.84 -16.06	59.56 2.73 -14.85	68.51 3.14 -9.30	75.53 3.16 -5.15	57.54 2.38 -2.21	46.26 2.24 -0.95	43.79 2.31 -1.02
SHOREHAM_IC_2 23716	43.43 1.99 0.00	39.03 2.06 -0.07	36.67 2.08 -0.51	37.23 2.07 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.06 1.66 -2.16	54.72 2.07 -1.02	44.71 2.77 0.00	35.20 2.33 -0.95	37.09 1.95 -6.52	35.02 2.09 -4.22	35.59 1.89 -5.43	35.24 2.10 -4.69	35.80 2.16 -4.87	41.31 1.97 -10.01	46.94 2.37 -13.41	55.33 2.84 -16.06	59.56 2.73 -14.85	68.51 3.14 -9.30	75.53 3.16 -5.15	57.54 2.38 -2.21	46.26 2.24 -0.95	43.79 2.31 -1.02

SISSONVILLE____ 23735	40.68 -1.08 -0.32	36.25 -0.81 -0.17	33.40 -0.75 -0.07	33.14 -0.78 -0.06	34.18 -0.87 -0.09	41.50 -0.80 -0.34	56.74 -1.14 -0.64	50.65 -1.45 -0.46	40.72 -1.34 -0.13	30.68 -1.24 0.00	27.37 -1.26 0.00	27.39 -1.32 0.00	26.99 -1.27 0.00	27.22 -1.22 0.00	27.57 -1.21 0.00	28.20 -1.14 0.00	30.07 -1.09 0.00	35.30 -1.13 0.00	40.77 -1.22 0.00	54.89 -1.46 -0.27	66.28 -1.48 -0.53	52.30 -1.16 -0.53	42.56 -0.78 -0.27	40.03 -0.77 -0.34
SITHE_IND_GS1 24169	31.96 -1.37 8.12	31.21 -1.29 4.39	31.21 -1.19 1.68	31.21 -1.15 1.50	31.33 -1.19 2.44	31.69 -1.43 8.83	38.76 -1.95 16.54	38.13 -1.70 11.80	37.29 -1.43 3.23	31.03 -0.89 0.00	27.91 -0.71 0.00	27.99 -0.72 0.00	27.56 -0.71 0.00	27.73 -0.71 0.00	28.03 -0.75 0.00	28.55 -0.79 0.00	30.29 -0.87 0.00	35.26 -1.17 0.00	36.97 -1.43 3.59	38.83 -1.85 15.40	54.16 -2.29 10.78	40.33 -1.80 10.81	32.94 -1.51 8.62	32.20 -1.42 6.85
SITHE_IND_GS2 24170	31.96 -1.37 8.12	31.21 -1.29 4.39	31.21 -1.19 1.68	31.21 -1.15 1.50	31.33 -1.19 2.44	31.69 -1.43 8.83	38.76 -1.95 16.54	38.13 -1.70 11.80	37.29 -1.43 3.23	31.03 -0.89 0.00	27.91 -0.71 0.00	27.99 -0.72 0.00	27.56 -0.71 0.00	27.73 -0.71 0.00	28.03 -0.75 0.00	28.55 -0.79 0.00	30.29 -0.87 0.00	35.26 -1.17 0.00	36.97 -1.43 3.59	38.83 -1.85 15.40	54.16 -2.29 10.78	40.33 -1.80 10.81	32.94 -1.51 8.62	32.20 -1.42 6.85
SITHE_IND_GS3 24171	31.96 -1.37 8.12	31.21 -1.29 4.39	31.21 -1.19 1.68	31.21 -1.15 1.50	31.33 -1.19 2.44	31.69 -1.43 8.83	38.76 -1.95 16.54	38.13 -1.70 11.80	37.29 -1.43 3.23	31.03 -0.89 0.00	27.91 -0.71 0.00	27.99 -0.72 0.00	27.56 -0.71 0.00	27.73 -0.71 0.00	28.03 -0.75 0.00	28.55 -0.79 0.00	30.29 -0.87 0.00	35.26 -1.17 0.00	36.97 -1.43 3.59	38.83 -1.85 15.40	54.16 -2.29 10.78	40.33 -1.80 10.81	32.94 -1.51 8.62	32.20 -1.42 6.85
SITHE_IND_GS4 24172	31.96 -1.37 8.12	31.21 -1.29 4.39	31.21 -1.19 1.68	31.21 -1.15 1.50	31.33 -1.19 2.44	31.69 -1.43 8.83	38.76 -1.95 16.54	38.13 -1.70 11.80	37.29 -1.43 3.23	31.03 -0.89 0.00	27.91 -0.71 0.00	27.99 -0.72 0.00	27.56 -0.71 0.00	27.73 -0.71 0.00	28.03 -0.75 0.00	28.55 -0.79 0.00	30.29 -0.87 0.00	35.26 -1.17 0.00	36.97 -1.43 3.59	38.83 -1.85 15.40	54.16 -2.29 10.78	40.33 -1.80 10.81	32.94 -1.51 8.62	32.20 -1.42 6.85
SITHE____BATAVIA 24024	40.45 -0.99 0.00	35.41 -1.48 0.00	32.96 -1.12 0.00	32.95 -0.91 0.00	34.05 -0.91 0.00	40.27 -1.68 0.00	54.10 -3.15 0.00	49.83 -1.81 0.00	40.18 -1.76 0.00	30.96 -0.96 0.00	27.85 -0.77 0.00	27.82 -0.89 0.00	27.39 -0.88 0.00	27.53 -0.91 0.00	27.54 -1.24 0.00	27.96 -1.38 0.00	29.07 -2.09 0.01	34.08 -2.33 0.02	39.40 -2.06 0.53	51.99 -2.63 1.45	63.32 -3.90 0.00	49.71 -3.23 0.00	40.00 -2.58 0.48	38.20 -2.27 0.00
SITHE____INDEPEND 23800	31.96 -1.37 8.12	31.21 -1.29 4.39	31.21 -1.19 1.68	31.21 -1.15 1.50	31.33 -1.19 2.44	31.69 -1.43 8.83	38.76 -1.95 16.54	38.13 -1.70 11.80	37.29 -1.43 3.23	31.03 -0.89 0.00	27.91 -0.72 0.00	27.99 -0.72 0.00	27.55 -0.71 0.00	27.73 -0.71 0.00	28.03 -0.75 0.00	28.52 -0.82 0.00	30.29 -0.87 0.00	35.22 -1.20 0.00	36.96 -1.43 3.59	38.80 -1.85 15.43	54.14 -2.29 10.80	40.31 -1.80 10.83	32.88 -1.55 8.64	32.19 -1.42 6.86
SITHE____MASSENA 23902	41.48 0.04 0.00	37.04 0.15 0.00	34.22 0.14 0.00	33.96 0.10 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.36 0.11 0.00	51.59 -0.05 0.00	41.81 -0.13 0.00	31.73 -0.19 0.00	28.37 -0.26 0.00	28.39 -0.32 0.00	28.01 -0.25 0.00	28.25 -0.20 0.00	28.58 -0.20 0.00	29.19 -0.15 0.00	31.13 -0.03 0.00	36.46 0.04 0.00	42.03 0.04 0.00	56.02 -0.06 0.00	67.43 0.20 0.00	53.04 0.11 0.00	43.29 0.22 0.00	40.71 0.24 0.00
SITHE____OGDNSBRG 24021	41.76 0.08 -0.23	37.24 0.22 -0.13	34.33 0.20 -0.05	34.07 0.17 -0.04	35.13 0.10 -0.07	42.58 0.38 -0.25	58.18 0.46 -0.48	51.88 -0.10 -0.34	41.70 -0.34 -0.09	31.38 -0.54 0.00	28.00 -0.63 0.00	27.99 -0.72 0.00	27.58 -0.68 0.00	27.82 -0.63 0.00	28.17 -0.60 0.00	28.84 -0.50 0.00	30.75 -0.41 0.00	36.13 -0.29 0.00	41.86 -0.13 0.00	56.40 0.11 -0.20	68.09 0.47 -0.40	53.71 0.37 -0.40	43.70 0.43 -0.20	41.12 0.40 -0.25
SITHE____STERLING 23777	42.72 0.79 -0.49	37.89 0.74 -0.26	34.83 0.65 -0.10	34.59 0.64 -0.09	35.87 0.77 -0.15	43.53 1.05 -0.53	59.67 1.43 -1.00	53.38 1.03 -0.71	42.80 0.67 -0.19	32.27 0.35 0.00	28.88 0.26 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.61 0.17 0.00	29.03 0.26 0.00	29.57 0.23 0.00	31.38 0.22 0.00	36.83 0.40 0.00	42.46 0.59 0.11	57.39 1.29 -0.02	69.43 1.55 -0.66	54.86 1.27 -0.66	44.25 0.95 -0.23	41.69 0.81 -0.42
SLEIGHT__34_KV_TB1 80719	40.93 -0.79 -0.28	36.08 -0.96 -0.15	33.29 -0.85 -0.06	33.13 -0.78 -0.05	34.31 -0.73 -0.08	41.29 -0.96 -0.30	56.26 -1.55 -0.57	51.06 -0.98 -0.40	41.04 -1.01 -0.11	31.28 -0.64 0.00	28.11 -0.52 0.00	28.19 -0.52 0.00	27.78 -0.48 0.00	27.93 -0.51 0.00	28.14 -0.63 0.00	28.52 -0.82 0.00	30.25 -0.90 0.00	35.29 -1.13 0.01	40.49 -1.05 0.45	53.75 -1.29 1.04	65.76 -1.82 -0.35	51.75 -1.54 -0.35	41.42 -1.42 0.23	39.43 -1.25 -0.22
SMITHTWN_69_KV_BK 1 55830	44.09 2.65 0.00	39.54 2.58 -0.07	36.98 2.39 -0.51	37.50 2.34 -1.31	40.05 2.41 -2.68	45.18 2.98 -0.25	61.82 2.46 -2.11	55.48 2.84 -0.99	45.34 3.40 0.00	35.52 2.65 -0.95	37.40 2.26 -6.52	35.32 2.38 -4.23	35.94 2.23 -5.44	35.52 2.39 -4.69	36.09 2.45 -4.87	41.75 2.38 -10.03	47.28 2.68 -13.45	55.84 3.35 -16.07	60.26 3.44 -14.83	69.62 4.32 -9.23	77.10 4.84 -5.04	58.76 3.65 -2.17	47.12 3.10 -0.95	44.44 2.95 -1.03
SOUTH CAIRO____GT 23612	43.47 2.03 0.00	38.70 1.81 0.00	35.82 1.74 0.00	35.62 1.76 0.00	36.74 1.78 0.00	44.13 2.18 0.00	60.39 3.15 0.00	53.97 2.32 0.00	43.36 1.43 0.00	32.65 0.73 0.00	29.14 0.52 0.00	29.22 0.52 0.00	28.71 0.45 0.00	28.93 0.48 0.00	29.26 0.49 0.00	30.04 0.70 0.00	31.94 0.78 0.00	37.66 1.24 0.00	43.75 1.76 0.00	58.83 2.75 0.00	70.32 3.09 0.00	55.53 2.59 0.00	45.27 2.20 0.00	42.45 1.98 0.00
SOUTH HAMPTN____IC 23720	43.35 1.91 0.00	38.92 1.95 -0.07	36.57 1.98 -0.51	37.13 1.96 -1.31	39.77 2.13 -2.68	44.84 2.64 -0.25	61.20 1.78 -2.18	54.89 2.22 -1.02	44.87 2.93 0.00	35.23 2.36 -0.95	37.12 1.97 -6.52	34.97 2.04 -4.22	35.47 1.78 -5.43	35.07 1.94 -4.69	35.63 1.98 -4.87	41.16 1.82 -10.00	46.81 2.24 -13.40	55.22 2.73 -16.06	59.61 2.77 -14.86	68.66 3.25 -9.33	75.85 3.43 -5.20	57.76 2.59 -2.23	46.30 2.28 -0.95	43.79 2.31 -1.02
SOUTHDOW_115KV_TB1 355954	40.94 -0.50 0.00	35.86 -1.03 0.00	33.57 -0.51 0.00	33.56 -0.30 0.00	34.57 -0.38 0.00	40.82 -1.13 -2.23	55.01 0.00 0.00	50.66 -0.98 0.00	40.97 -0.96 0.00	31.63 -0.29 0.00	28.51 -0.11 0.00	28.42 -0.29 0.00	27.95 -0.31 0.00	27.96 -0.48 0.00	27.94 -0.83 0.00	27.90 -1.44 0.00	29.44 -1.71 0.01	34.51 -1.89 0.02	39.91 -1.60 0.48	52.58 -2.19 1.32	64.00 -3.23 0.00	49.97 -2.96 0.00	40.47 -2.15 0.45	38.52 -1.94 0.00

SOUTHOLD_69_KV_BK 2 55809	43.06 1.62 0.00	38.66 1.70 -0.07	36.29 1.70 -0.51	36.90 1.73 -1.31	39.49 1.85 -2.68	44.63 2.43 -0.25	60.97 1.55 -2.18	54.78 2.12 -1.02	44.79 2.85 0.00	35.14 2.27 -0.95	37.00 1.86 -6.52	34.76 1.84 -4.22	35.24 1.55 -5.43	34.81 1.68 -4.69	35.37 1.73 -4.87	40.98 1.64 -10.00	46.56 1.99 -13.40	55.11 2.62 -16.06	59.36 2.52 -14.86	68.43 3.03 -9.32	75.58 3.16 -5.19	57.60 2.44 -2.23	46.09 2.07 -0.95	43.59 2.10 -1.02
SOUTHOLD____IC 23719	43.06 1.61 0.00	38.66 1.70 -0.07	36.29 1.70 -0.51	36.89 1.73 -1.31	39.56 1.92 -2.68	44.63 2.43 -0.25	60.97 1.55 -2.18	54.78 2.12 -1.02	44.79 2.85 0.00	35.14 2.27 -0.95	37.00 1.86 -6.52	34.77 1.84 -4.22	35.24 1.55 -5.43	34.81 1.68 -4.69	35.37 1.73 -4.87	40.92 1.58 -10.00	46.56 2.00 -13.40	54.97 2.48 -16.06	59.36 2.52 -14.86	68.43 3.03 -9.32	75.58 3.16 -5.19	57.60 2.44 -2.23	46.09 2.07 -0.95	43.59 2.10 -1.02
SOUTH_FORK_WT_PWR 323839	42.52 1.08 0.00	38.18 1.22 -0.07	35.85 1.26 -0.51	36.45 1.29 -1.31	39.18 1.54 -2.68	44.21 2.01 -0.25	60.45 1.03 -2.18	54.32 1.65 -1.02	44.46 2.52 0.00	34.88 2.01 -0.95	36.74 1.60 -6.52	34.45 1.52 -4.22	34.85 1.16 -5.43	34.42 1.28 -4.69	34.97 1.32 -4.87	40.51 1.17 -10.00	46.15 1.59 -13.40	54.49 2.00 -16.06	58.82 1.97 -14.86	67.70 2.30 -9.33	74.71 2.29 -5.20	56.97 1.80 -2.23	45.57 1.55 -0.95	43.11 1.62 -1.02
SPIERFLS_115KV_TB 1 80737	43.80 2.36 0.00	38.96 2.07 0.00	35.99 1.91 0.00	35.79 1.93 0.00	36.98 2.03 0.00	44.43 2.48 0.00	60.91 3.66 0.00	54.58 2.94 0.00	43.91 1.97 0.00	33.10 1.18 0.00	29.63 1.00 0.00	29.65 0.95 0.00	29.14 0.88 0.00	29.07 0.63 0.00	29.41 0.63 0.00	30.13 0.79 0.00	31.94 0.78 0.00	37.55 1.13 0.00	43.66 1.68 0.00	57.14 1.07 0.00	68.50 1.28 0.00	54.58 1.64 0.00	44.32 1.25 0.00	41.76 1.29 0.00
ST LAWRENCE____ 23600	41.32 -0.12 0.00	36.85 -0.04 0.00	34.05 -0.03 0.00	33.83 -0.03 0.00	34.85 -0.10 0.00	41.91 -0.04 0.00	57.13 -0.11 0.00	51.44 -0.21 0.00	41.73 -0.21 0.00	31.70 -0.22 0.00	28.37 -0.26 0.00	28.42 -0.29 0.00	28.01 -0.25 0.00	28.21 -0.23 0.00	28.54 -0.23 0.00	29.17 -0.17 0.00	31.04 -0.12 0.00	36.32 -0.11 0.00	41.90 -0.08 0.00	55.86 -0.22 0.00	67.16 -0.07 0.00	52.83 -0.11 0.00	43.07 0.00 0.00	40.50 0.04 0.00
STATE_CA_115KV_115_LB 55624	42.31 0.87 0.00	37.63 0.74 0.00	34.86 0.78 0.00	34.64 0.78 0.00	35.73 0.77 0.00	42.92 0.96 0.00	58.56 1.32 0.00	52.62 0.98 0.00	42.86 0.92 0.00	32.50 0.57 0.00	29.14 0.52 0.00	29.25 0.55 0.00	28.71 0.45 0.00	28.87 0.43 0.00	29.24 0.46 0.00	29.90 0.56 0.00	31.72 0.56 0.00	37.19 0.76 0.00	42.91 0.92 0.00	57.09 1.01 0.00	68.37 1.14 0.00	54.05 1.11 0.00	44.02 0.95 0.00	41.31 0.85 0.00
STATE_ST_34_KV_LOAD 55959	42.59 -0.12 -1.28	37.32 -0.26 -0.69	34.10 -0.24 -0.26	33.90 -0.20 -0.24	35.20 -0.14 -0.38	43.17 -0.17 -1.39	59.61 -0.23 -2.60	53.45 -0.05 -1.86	42.24 -0.21 -0.51	31.79 -0.13 0.00	28.54 -0.09 0.00	28.62 -0.09 0.00	28.20 -0.06 0.00	28.39 -0.06 0.00	28.66 -0.12 0.00	29.14 -0.21 0.00	30.97 -0.19 0.00	36.13 -0.29 0.01	41.76 -0.13 0.10	56.67 0.00 -0.59	68.76 -0.13 -1.67	54.40 -0.21 -1.68	43.56 -0.26 -0.75	41.24 -0.28 -1.06
STATION 5_MISC_HYD 23604	40.78 -0.66 0.00	35.93 -0.96 0.00	33.30 -0.78 0.00	33.22 -0.64 0.00	34.33 -0.63 0.00	40.94 -1.01 0.00	55.41 -1.83 0.00	50.66 -0.98 0.00	40.93 -1.01 0.00	31.38 -0.54 0.00	28.23 -0.40 0.00	28.28 -0.43 0.00	27.87 -0.40 0.00	28.04 -0.40 0.00	28.17 -0.61 0.00	28.67 -0.67 0.00	30.10 -1.06 0.00	35.18 -1.24 0.01	40.29 -1.13 0.56	53.09 -1.46 1.53	64.94 -2.29 0.00	51.08 -1.85 0.00	40.97 -1.59 0.51	39.05 -1.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.21 -0.54 -0.30	36.28 -0.77 -0.16	33.50 -0.65 -0.06	33.38 -0.54 -0.06	34.56 -0.49 -0.09	41.53 -0.76 -0.33	56.54 -1.32 -0.62	51.36 -0.72 -0.44	41.30 -0.75 -0.12	31.47 -0.45 0.00	28.28 -0.34 0.00	28.36 -0.34 0.00	27.92 -0.34 0.00	28.10 -0.34 0.00	28.29 -0.49 0.00	28.64 -0.70 0.00	30.38 -0.78 0.00	35.43 -0.98 0.01	40.71 -0.84 0.44	54.01 -1.07 1.00	66.06 -1.55 -0.38	51.94 -1.38 -0.38	41.66 -1.21 0.20	39.65 -1.05 -0.24
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.49 -0.95 0.00	35.71 -1.18 0.00	33.06 -1.02 0.00	32.98 -0.88 0.00	34.08 -0.87 0.00	40.69 -1.26 0.00	55.13 -2.12 0.00	50.35 -1.29 0.00	40.68 -1.26 0.00	31.19 -0.73 0.00	28.05 -0.57 0.00	28.10 -0.60 0.00	27.70 -0.57 0.00	27.85 -0.60 0.00	28.03 -0.75 0.00	28.31 -1.03 0.00	29.97 -1.18 0.00	34.96 -1.46 0.01	40.08 -1.34 0.56	52.74 -1.79 1.55	64.67 -2.55 0.00	50.82 -2.12 0.00	40.67 -1.90 0.51	38.84 -1.62 0.00
STA_56____34_KV_BUS2 355983	40.49 -0.95 0.00	35.71 -1.18 0.00	33.06 -1.02 0.00	32.98 -0.88 0.00	34.08 -0.87 0.00	40.69 -1.26 0.00	55.13 -2.12 0.00	50.35 -1.29 0.00	40.68 -1.26 0.00	31.19 -0.73 0.00	28.05 -0.57 0.00	28.10 -0.60 0.00	27.70 -0.57 0.00	27.85 -0.60 0.00	28.03 -0.75 0.00	28.31 -1.03 0.00	29.97 -1.18 0.00	34.96 -1.46 0.01	40.08 -1.34 0.56	52.74 -1.79 1.55	64.67 -2.55 0.00	50.82 -2.12 0.00	40.67 -1.90 0.51	38.84 -1.62 0.00
STA_67____115KV_BK2 355882	40.70 -0.75 0.00	35.89 -1.00 0.00	33.23 -0.85 0.00	33.15 -0.71 0.00	34.26 -0.70 0.00	40.86 -1.09 0.00	55.30 -1.95 0.00	50.56 -1.08 0.00	40.85 -1.09 0.00	31.35 -0.57 0.00	28.20 -0.43 0.00	28.25 -0.46 0.00	27.81 -0.45 0.00	27.99 -0.46 0.00	28.14 -0.63 0.00	28.37 -0.97 0.00	30.03 -1.12 0.00	35.03 -1.38 0.01	40.20 -1.22 0.57	52.89 -1.63 1.56	64.87 -2.35 0.00	50.98 -1.96 0.00	40.79 -1.77 0.52	38.97 -1.50 0.00
STA_7____115KV_9TRANS 80674	40.94 -0.50 0.00	36.08 -0.81 0.00	33.40 -0.68 0.00	33.32 -0.54 0.00	34.43 -0.52 0.00	41.11 -0.84 0.00	55.64 -1.60 0.00	50.87 -0.77 0.00	41.10 -0.84 0.00	31.51 -0.41 0.00	28.34 -0.29 0.00	28.39 -0.32 0.00	27.95 -0.31 0.00	28.13 -0.31 0.00	28.29 -0.49 0.00	28.55 -0.79 0.00	30.22 -0.93 0.00	35.25 -1.17 0.01	40.45 -0.97 0.57	53.28 -1.23 1.57	65.21 -2.02 0.00	51.30 -1.64 0.00	41.05 -1.51 0.52	39.17 -1.29 0.00
STA_82____115KV_TB1 80780	40.65 -0.79 0.00	35.86 -1.03 0.00	33.19 -0.89 0.00	33.12 -0.74 0.00	34.22 -0.73 0.00	40.82 -1.13 0.00	55.24 -2.00 0.00	50.51 -1.14 0.00	40.81 -1.13 0.00	31.31 -0.61 0.00	28.17 -0.46 0.00	28.22 -0.49 0.00	27.78 -0.48 0.00	27.93 -0.51 0.00	28.11 -0.66 0.00	28.34 -1.00 0.00	30.03 -1.12 0.00	34.99 -1.42 0.01	40.16 -1.26 0.57	52.84 -1.68 1.55	64.80 -2.42 0.00	50.93 -2.01 0.00	40.75 -1.81 0.51	38.93 -1.54 0.00
STEEL____WIND 323596	39.78 -1.66 0.00	34.83 -2.07 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.56 -1.40 0.00	39.43 -2.52 0.00	52.72 -4.52 0.00	48.75 -2.89 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.60 -1.03 0.00	27.53 -1.18 0.00	27.10 -1.16 0.00	27.16 -1.28 0.00	27.16 -1.61 0.00	27.49 -1.85 0.00	28.44 -2.71 0.01	33.31 -3.10 0.02	38.51 -2.98 0.49	50.75 -3.98 1.35	61.71 -5.51 0.00	48.33 -4.61 0.00	39.13 -3.49 0.46	37.39 -3.08 0.00

STEPHTWN_115KV_BK_2 55603	42.52 1.08 0.00	37.85 0.96 0.00	35.03 0.95 0.00	34.81 0.95 0.00	35.94 0.98 0.00	43.17 1.22 0.00	58.96 1.72 0.00	52.93 1.29 0.00	43.03 1.09 0.00	32.59 0.67 0.00	29.23 0.60 0.00	29.31 0.60 0.00	28.80 0.54 0.00	28.96 0.51 0.00	29.29 0.52 0.00	29.99 0.65 0.00	31.81 0.65 0.00	37.34 0.91 0.00	43.12 1.13 0.00	57.42 1.35 0.00	68.77 1.55 0.00	54.37 1.43 0.00	44.23 1.16 0.00	41.51 1.05 0.00
STEUBEN_REC_LFGE 323667	41.07 -0.75 -0.37	35.95 -1.14 -0.20	33.48 -0.68 -0.08	33.46 -0.47 -0.07	34.65 -0.42 -0.11	41.48 -0.88 -0.41	56.17 -1.83 -0.76	51.25 -0.93 -0.54	40.83 -1.26 -0.15	31.15 -0.77 0.00	27.97 -0.66 0.00	27.96 -0.75 0.00	27.58 -0.68 0.00	27.65 -0.80 0.00	27.77 -1.01 0.00	27.84 -1.50 0.00	29.53 -1.62 0.01	34.64 -1.75 0.03	40.41 -1.22 0.35	53.99 -1.35 0.74	65.72 -1.95 -0.44	51.37 -2.01 -0.44	41.48 -1.46 0.12	39.41 -1.34 -0.28
STILLWATER___SOLAR 323814	43.43 1.99 0.00	38.62 1.73 0.00	35.68 1.60 0.00	35.49 1.63 0.00	36.63 1.68 0.00	43.96 2.01 0.00	60.16 2.92 0.00	54.02 2.38 0.00	43.62 1.68 0.00	32.94 1.02 0.00	29.48 0.86 0.00	29.57 0.86 0.00	29.08 0.82 0.00	29.12 0.68 0.00	29.50 0.72 0.00	30.19 0.85 0.00	32.03 0.87 0.00	37.63 1.20 0.00	43.62 1.64 0.00	57.99 1.91 0.00	69.51 2.29 0.00	55.06 2.12 0.00	44.71 1.64 0.00	42.04 1.58 0.00
STONY___BROOK 24151	43.97 2.53 0.00	39.43 2.47 -0.07	36.91 2.32 -0.51	37.44 2.27 -1.31	40.02 2.38 -2.68	45.05 2.85 -0.25	61.66 2.29 -2.12	55.32 2.68 -1.00	45.21 3.27 0.00	35.43 2.55 -0.95	37.35 2.20 -6.52	35.23 2.30 -4.23	35.88 2.18 -5.44	35.44 2.30 -4.69	36.01 2.36 -4.87	41.62 2.26 -10.02	47.15 2.56 -13.44	55.59 3.09 -16.07	60.10 3.28 -14.83	69.41 4.09 -9.24	76.86 4.57 -5.07	58.56 3.44 -2.18	46.99 2.97 -0.95	44.32 2.83 -1.02
STURGEON_POOL_HYD 23609	43.18 1.74 0.00	38.44 1.55 0.00	35.44 1.36 0.00	35.18 1.32 0.00	36.29 1.33 0.00	43.54 1.59 0.00	59.65 2.40 0.00	53.97 2.32 0.00	43.99 2.06 0.00	33.29 1.37 0.00	29.80 1.17 0.00	29.94 1.23 0.00	29.48 1.22 0.00	29.72 1.28 0.00	30.10 1.32 0.00	30.72 1.38 0.00	32.59 1.43 0.00	38.28 1.86 0.00	43.96 1.97 0.00	58.88 2.80 0.00	70.65 3.43 0.00	55.37 2.44 0.00	45.10 2.02 0.00	42.28 1.82 0.00
ST_LAW_115_BK7_LBMP 345037	41.28 -0.17 0.00	36.82 -0.07 0.00	34.01 -0.07 0.00	33.79 -0.07 0.00	34.82 -0.14 0.00	41.87 -0.08 0.00	57.07 -0.17 0.00	51.38 -0.26 0.00	41.69 -0.25 0.00	31.66 -0.26 0.00	28.31 -0.31 0.00	28.36 -0.34 0.00	27.95 -0.31 0.00	28.19 -0.26 0.00	28.52 -0.26 0.00	29.14 -0.20 0.00	31.00 -0.16 0.00	36.28 -0.15 0.00	41.86 -0.13 0.00	55.80 -0.28 0.00	67.16 -0.07 0.00	52.83 -0.11 0.00	43.03 -0.04 0.00	40.46 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	41.28 -0.17 0.00	36.82 -0.07 0.00	34.01 -0.07 0.00	33.79 -0.07 0.00	34.82 -0.14 0.00	41.87 -0.08 0.00	57.07 -0.17 0.00	51.38 -0.26 0.00	41.69 -0.25 0.00	31.66 -0.26 0.00	28.31 -0.31 0.00	28.36 -0.34 0.00	27.95 -0.31 0.00	28.19 -0.26 0.00	28.52 -0.26 0.00	29.14 -0.20 0.00	31.00 -0.16 0.00	36.28 -0.15 0.00	41.86 -0.13 0.00	55.80 -0.28 0.00	67.16 -0.07 0.00	52.83 -0.11 0.00	43.03 -0.04 0.00	40.46 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	41.32 -0.12 0.00	36.85 -0.04 0.00	34.05 -0.03 0.00	33.83 -0.03 0.00	34.85 -0.10 0.00	41.91 -0.04 0.00	57.13 -0.11 0.00	51.44 -0.21 0.00	41.73 -0.21 0.00	31.70 -0.22 0.00	28.37 -0.26 0.00	28.42 -0.29 0.00	28.01 -0.25 0.00	28.21 -0.23 0.00	28.54 -0.23 0.00	29.17 -0.17 0.00	31.04 -0.12 0.00	36.32 -0.11 0.00	41.90 -0.08 0.00	55.86 -0.22 0.00	67.16 -0.07 0.00	52.83 -0.11 0.00	43.07 0.00 0.00	40.50 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	41.32 -0.12 0.00	36.85 -0.04 0.00	34.05 -0.03 0.00	33.83 -0.03 0.00	34.85 -0.10 0.00	41.91 -0.04 0.00	57.13 -0.11 0.00	51.44 -0.21 0.00	41.73 -0.21 0.00	31.70 -0.22 0.00	28.37 -0.26 0.00	28.42 -0.29 0.00	28.01 -0.25 0.00	28.21 -0.23 0.00	28.54 -0.23 0.00	29.17 -0.17 0.00	31.04 -0.12 0.00	36.32 -0.11 0.00	41.90 -0.08 0.00	55.86 -0.22 0.00	67.16 -0.07 0.00	52.83 -0.11 0.00	43.07 0.00 0.00	40.50 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.93 1.49 0.00	38.22 1.33 0.00	35.24 1.16 0.00	34.98 1.12 0.00	36.08 1.12 0.00	43.29 1.34 0.00	59.36 2.12 0.00	53.76 2.12 0.00	43.91 1.97 0.00	33.26 1.34 0.00	29.77 1.15 0.00	29.91 1.21 0.00	29.45 1.19 0.00	29.69 1.25 0.00	30.07 1.29 0.00	30.66 1.32 0.00	32.53 1.37 0.00	38.17 1.75 0.00	43.83 1.85 0.00	58.55 2.47 0.00	70.38 3.16 0.00	55.16 2.22 0.00	44.84 1.77 0.00	42.04 1.58 0.00
SWANROAD_115KV_TB1 355699	38.79 -2.65 0.00	33.98 -2.91 0.00	31.73 -2.35 0.00	31.73 -2.13 0.00	32.75 -2.20 0.00	38.30 -3.65 0.00	51.06 -6.18 0.00	47.30 -4.34 0.00	38.33 -3.61 0.00	29.78 -2.14 0.00	26.88 -1.75 0.00	26.84 -1.87 0.00	26.45 -1.81 0.00	26.51 -1.93 0.00	26.53 -2.24 0.00	26.35 -2.99 0.00	27.73 -3.43 0.01	32.25 -4.15 0.02	37.43 -4.03 0.53	49.09 -5.55 1.44	59.83 -7.39 0.00	46.96 -5.98 0.00	37.76 -4.82 0.48	36.42 -4.05 0.00
SYNERGY___BIOGAS 323694	40.41 -1.04 0.00	35.45 -1.44 0.00	32.96 -1.12 0.00	32.95 -0.91 0.00	34.05 -0.91 0.00	40.27 -1.68 0.00	54.10 -3.15 0.00	49.83 -1.81 0.00	40.18 -1.76 0.00	30.96 -0.96 0.00	27.85 -0.77 0.00	27.82 -0.89 0.00	27.39 -0.88 0.00	27.50 -0.94 0.00	27.54 -1.24 0.00	27.55 -1.79 0.00	29.10 -2.06 0.01	34.01 -2.40 0.02	39.39 -2.06 0.54	51.85 -2.75 1.48	63.32 -3.90 0.00	49.66 -3.28 0.00	39.86 -2.71 0.49	38.20 -2.27 0.00
SYRACUSE___ENERGY_ST1 323597	42.64 -0.33 -1.53	37.35 -0.37 -0.83	34.05 -0.34 -0.32	33.81 -0.34 -0.28	35.10 -0.31 -0.46	43.28 -0.34 -1.66	59.90 -0.46 -3.12	53.50 -0.36 -2.22	42.13 -0.42 -0.61	31.73 -0.19 0.00	28.51 -0.11 0.00	28.62 -0.09 0.00	28.18 -0.08 0.00	28.36 -0.09 0.00	28.66 -0.12 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.65 -0.34 0.00	56.78 -0.34 -1.03	68.76 -0.47 -2.00	54.52 -0.42 -2.01	43.65 -0.43 -1.01	41.33 -0.40 -1.27
SYRACUSE___ENERGY_ST2 323598	42.64 -0.33 -1.53	37.35 -0.37 -0.83	34.05 -0.34 -0.32	33.81 -0.34 -0.28	35.10 -0.31 -0.46	43.28 -0.34 -1.66	59.90 -0.46 -3.12	53.50 -0.36 -2.22	42.13 -0.42 -0.61	31.73 -0.19 0.00	28.51 -0.11 0.00	28.62 -0.09 0.00	28.18 -0.08 0.00	28.36 -0.09 0.00	28.66 -0.12 0.00	29.16 -0.18 0.00	30.97 -0.19 0.00	36.09 -0.33 0.00	41.65 -0.34 0.00	56.78 -0.34 -1.03	68.76 -0.47 -2.00	54.52 -0.42 -2.01	43.65 -0.43 -1.01	41.33 -0.40 -1.27
SYRACUSE___POWER 24017	42.05 -0.37 -0.98	37.01 -0.41 -0.53	33.91 -0.37 -0.20	33.67 -0.37 -0.18	34.94 -0.31 -0.29	42.64 -0.38 -1.07	58.72 -0.52 -2.00	52.70 -0.36 -1.42	41.95 -0.38 -0.39	31.73 -0.19 0.00	28.48 -0.14 0.00	28.59 -0.11 0.00	28.15 -0.11 0.00	28.33 -0.11 0.00	28.63 -0.14 0.00	29.14 -0.21 0.00	30.97 -0.19 0.00	36.10 -0.33 0.00	41.46 -0.34 0.19	55.89 -0.34 -0.15	68.04 -0.47 -1.28	53.80 -0.42 -1.29	43.12 -0.43 -0.48	40.87 -0.40 -0.81

TALLMAN__138KV_BK151 55660	43.10 1.66 0.00	38.33 1.44 0.00	35.34 1.26 0.00	35.08 1.22 0.00	36.18 1.22 0.00	43.46 1.51 0.00	59.59 2.35 0.00	54.02 2.38 0.00	44.20 2.26 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.14 1.44 0.00	29.67 1.41 0.00	29.89 1.45 0.00	30.27 1.50 0.00	30.90 1.56 0.00	32.75 1.59 0.00	38.43 2.00 0.00	44.08 2.10 0.00	58.88 2.80 0.00	70.85 3.63 0.00	55.43 2.49 0.00	45.01 1.94 0.00	42.24 1.78 0.00
TEALLAVE_115KV_TB7 355573	41.69 -0.54 -0.78	36.76 -0.55 -0.42	33.73 -0.51 -0.16	33.50 -0.51 -0.15	34.70 -0.49 -0.24	42.26 -0.55 -0.85	58.10 -0.74 -1.60	52.16 -0.62 -1.14	41.66 -0.59 -0.31	31.60 -0.32 0.00	28.43 -0.20 0.00	28.51 -0.20 0.00	28.09 -0.17 0.00	28.24 -0.20 0.00	28.55 -0.23 0.00	29.05 -0.29 0.00	30.85 -0.31 0.00	35.95 -0.47 0.00	41.19 -0.55 0.25	55.31 -0.62 0.15	67.44 -0.81 -1.03	53.28 -0.69 -1.03	42.72 -0.65 -0.30	40.51 -0.61 -0.65
TELGRAPH_34_KV_EAST 80808	39.74 -1.70 0.00	34.82 -2.07 0.00	32.48 -1.60 0.00	32.47 -1.39 0.00	33.52 -1.43 0.00	39.43 -2.52 0.00	52.78 -4.47 0.00	48.80 -2.84 0.00	39.42 -2.52 0.00	30.52 -1.40 0.00	27.48 -1.15 0.00	27.47 -1.23 0.00	27.05 -1.22 0.00	27.11 -1.34 0.00	27.16 -1.61 0.00	27.08 -2.26 0.00	28.57 -2.59 0.01	33.31 -3.10 0.02	38.60 -2.85 0.53	50.69 -3.93 1.46	61.85 -5.38 0.00	48.54 -4.39 0.00	39.01 -3.57 0.49	37.47 -2.99 0.00
TEMPLE__115KV_TB 2 55572	41.73 -0.50 -0.78	36.80 -0.52 -0.42	33.76 -0.48 -0.16	33.53 -0.47 -0.14	34.74 -0.45 -0.24	42.26 -0.55 -0.85	58.10 -0.74 -1.60	52.21 -0.57 -1.14	41.70 -0.55 -0.31	31.63 -0.29 0.00	28.43 -0.20 0.00	28.53 -0.17 0.00	28.12 -0.14 0.00	28.27 -0.17 0.00	28.57 -0.20 0.00	29.08 -0.26 0.00	30.88 -0.28 0.00	35.95 -0.47 0.00	41.23 -0.50 0.25	55.35 -0.56 0.17	67.51 -0.74 -1.03	53.33 -0.64 -1.03	42.76 -0.60 -0.29	40.55 -0.57 -0.65
TIANA____69_KV_BK 1 55817	43.51 2.07 0.00	39.06 2.10 -0.07	36.67 2.08 -0.51	37.23 2.07 -1.31	39.81 2.17 -2.68	44.92 2.73 -0.25	61.31 1.89 -2.18	54.99 2.32 -1.02	44.92 2.98 0.00	35.30 2.43 -0.95	37.15 2.00 -6.52	35.02 2.10 -4.22	35.55 1.87 -5.43	35.18 2.05 -4.69	35.75 2.10 -4.87	41.31 1.97 -10.00	46.90 2.34 -13.40	55.48 2.99 -16.06	59.70 2.85 -14.86	68.82 3.42 -9.32	76.05 3.63 -5.19	57.87 2.70 -2.23	46.43 2.41 -0.95	43.91 2.43 -1.02
TILDEN__115KV_TB1 80814	42.05 -0.37 -0.98	37.01 -0.41 -0.53	33.91 -0.37 -0.20	33.67 -0.37 -0.18	34.94 -0.31 -0.29	42.64 -0.38 -1.07	58.72 -0.52 -2.00	52.70 -0.36 -1.42	41.95 -0.38 -0.39	31.73 -0.19 0.00	28.48 -0.14 0.00	28.59 -0.11 0.00	28.15 -0.11 0.00	28.33 -0.11 0.00	28.63 -0.14 0.00	29.14 -0.21 0.00	30.97 -0.19 0.00	36.10 -0.33 0.00	41.46 -0.34 0.19	55.89 -0.34 -0.15	68.04 -0.47 -1.28	53.80 -0.42 -1.29	43.12 -0.43 -0.48	40.87 -0.40 -0.81
TRIGEN__CC 323695	43.85 2.40 0.00	39.26 2.25 -0.12	36.60 2.01 -0.51	37.10 1.93 -1.31	39.63 1.99 -2.68	44.59 2.39 -0.25	59.71 2.46 0.00	54.33 2.69 0.00	45.04 3.10 0.00	35.20 2.33 -0.95	37.23 2.03 -6.57	37.60 2.10 -6.80	39.71 2.06 -9.39	35.29 2.10 -4.74	35.86 2.16 -4.92	48.78 2.14 -17.30	56.56 2.21 -23.19	64.58 2.73 -25.42	66.55 2.85 -21.71	69.26 3.70 -9.48	71.66 4.44 0.00	56.76 3.28 -0.54	47.51 2.80 -1.64	44.86 2.63 -1.77
TRINITY__115KV__ 4 BK 55933	42.19 0.75 0.00	37.52 0.63 0.00	34.76 0.68 0.00	34.51 0.64 0.00	35.62 0.66 0.00	42.75 0.80 0.00	58.33 1.09 0.00	52.47 0.83 0.00	42.74 0.80 0.00	32.43 0.51 0.00	29.08 0.46 0.00	29.20 0.49 0.00	28.66 0.40 0.00	28.84 0.40 0.00	29.18 0.40 0.00	29.84 0.50 0.00	31.66 0.50 0.00	37.12 0.69 0.00	42.78 0.80 0.00	56.92 0.84 0.00	68.10 0.87 0.00	53.84 0.90 0.00	43.85 0.78 0.00	41.15 0.69 0.00
UNION__PROCESSING_DRP 323587	40.70 -0.75 0.00	35.86 -1.03 0.00	33.23 -0.85 0.00	33.12 -0.74 0.00	34.26 -0.70 0.00	40.82 -1.13 0.00	55.24 -2.00 0.00	50.51 -1.14 0.00	40.81 -1.13 0.00	31.31 -0.61 0.00	28.17 -0.46 0.00	28.22 -0.49 0.00	27.78 -0.48 0.00	27.96 -0.48 0.00	28.11 -0.66 0.00	28.34 -1.00 0.00	30.03 -1.12 0.00	34.99 -1.42 0.01	40.16 -1.26 0.56	52.85 -1.68 1.55	64.80 -2.42 0.00	50.93 -2.01 0.00	40.75 -1.81 0.51	38.93 -1.54 0.00
UPPER HUDSON__HYD 24058	43.80 2.36 0.00	38.96 2.06 0.00	35.99 1.91 0.00	35.79 1.93 0.00	36.98 2.03 0.00	44.43 2.47 0.00	60.91 3.67 0.00	54.58 2.94 0.00	43.91 1.97 0.00	33.10 1.18 0.00	29.63 1.00 0.00	29.65 0.95 0.00	29.14 0.88 0.00	29.07 0.62 0.00	29.41 0.63 0.00	30.13 0.79 0.00	31.91 0.75 0.00	37.56 1.13 0.00	43.67 1.68 0.00	57.14 1.06 0.00	68.50 1.27 0.00	54.58 1.64 0.00	44.28 1.20 0.00	41.76 1.29 0.00
UPPER RAQUET__HYD 24056	40.68 -1.08 -0.32	36.25 -0.81 -0.17	33.40 -0.75 -0.07	33.14 -0.78 -0.06	34.18 -0.87 -0.09	41.50 -0.80 -0.34	56.74 -1.14 -0.64	50.65 -1.45 -0.46	40.72 -1.34 -0.13	30.68 -1.25 0.00	27.37 -1.26 0.00	27.39 -1.32 0.00	26.99 -1.27 0.00	27.22 -1.22 0.00	27.57 -1.21 0.00	28.20 -1.14 0.00	30.07 -1.09 0.00	35.30 -1.13 0.00	40.77 -1.22 0.00	54.73 -1.51 -0.16	66.06 -1.48 -0.32	52.09 -1.16 -0.32	42.46 -0.77 -0.16	39.89 -0.77 -0.20
VALLEY44_115KV_TB2 355964	39.74 -1.70 0.00	34.79 -2.10 0.00	32.55 -1.53 0.00	32.51 -1.35 0.00	33.45 -1.50 0.00	39.52 -2.43 0.00	53.24 -4.01 0.00	48.90 -2.74 0.00	39.42 -2.52 0.00	30.45 -1.47 0.00	27.42 -1.20 0.00	27.36 -1.35 0.00	26.93 -1.33 0.00	26.96 -1.48 0.00	26.99 -1.78 0.00	27.02 -2.32 0.00	28.50 -2.65 0.01	33.56 -2.84 0.02	38.53 -2.98 0.47	50.80 -3.98 1.29	61.98 -5.24 0.00	48.33 -4.61 0.00	39.48 -3.14 0.44	37.35 -3.12 0.00
VALLEY__115KV_TB 1-4 80826	41.32 -0.12 0.00	36.82 -0.07 0.00	34.01 -0.07 0.00	33.83 -0.03 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.53 0.29 0.00	51.80 0.15 0.00	42.02 0.08 0.00	31.89 -0.03 0.00	28.48 -0.14 0.00	28.48 -0.23 0.00	27.98 -0.28 0.00	28.07 -0.37 0.00	28.40 -0.37 0.00	28.81 -0.53 0.00	30.60 -0.56 0.00	35.92 -0.51 0.00	41.52 -0.46 0.00	55.80 -0.28 0.00	66.95 -0.27 0.00	52.94 0.00 0.00	43.33 0.26 0.00	40.75 0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.54 1.78 -0.32	38.76 1.70 -0.17	35.64 1.50 -0.07	35.41 1.49 -0.06	36.66 1.61 -0.09	44.27 1.97 -0.34	60.69 2.80 -0.64	54.42 2.32 -0.46	43.99 1.93 -0.13	33.20 1.28 0.00	29.63 1.00 0.00	29.71 1.00 0.00	29.25 0.99 0.00	29.41 0.97 0.00	29.90 1.12 0.00	30.43 1.09 0.00	32.25 1.09 0.00	37.96 1.53 -0.01	43.63 1.72 0.08	58.77 2.69 0.01	70.93 3.29 -0.41	56.05 2.70 -0.41	45.33 2.11 -0.15	42.67 1.94 -0.26
VISCHER__FERRY HYD 24020	42.98 1.53 0.00	38.26 1.37 0.00	35.34 1.26 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.42 2.17 0.00	53.55 1.91 0.00	43.45 1.51 0.00	32.94 1.02 0.00	29.51 0.89 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.21 0.77 0.00	29.58 0.80 0.00	30.22 0.88 0.00	32.09 0.93 0.00	37.63 1.20 0.00	43.49 1.51 0.00	57.93 1.85 0.00	69.24 2.01 0.00	54.79 1.85 0.00	44.58 1.51 0.00	41.84 1.38 0.00



V_A_10_SYNC_DSASP 323832	39.58 -1.86 0.00	34.68 -2.21 0.00	32.34 -1.74 0.00	32.30 -1.56 0.00	33.35 -1.61 0.00	39.27 -2.68 0.00	52.49 -4.75 0.00	48.49 -3.15 0.00	39.30 -2.64 0.00	30.48 -1.44 0.00	27.48 -1.15 0.00	27.47 -1.23 0.00	27.05 -1.22 0.00	27.13 -1.31 0.00	27.22 -1.55 0.00	27.14 -2.20 0.00	28.60 -2.56 0.01	33.20 -3.21 0.02	38.45 -2.98 0.55	50.41 -4.15 1.52	61.64 -5.58 0.00	48.38 -4.55 0.00	38.73 -3.83 0.51	37.35 -3.12 0.00
V_CMM_10_SYNC_DSASP 323787	41.65 0.21 0.00	37.15 0.26 0.00	34.32 0.24 0.00	34.10 0.24 0.00	35.10 0.14 0.00	42.24 0.29 0.00	57.47 0.23 0.00	51.74 0.10 0.00	42.02 0.08 0.00	31.89 -0.03 0.00	28.54 -0.09 0.00	28.59 -0.11 0.00	28.20 -0.06 0.00	28.41 -0.03 0.00	28.75 -0.03 0.00	29.40 0.06 0.00	31.32 0.16 0.00	36.46 0.04 0.00	42.03 0.04 0.00	56.08 0.00 0.00	67.43 0.20 0.00	53.04 0.11 0.00	43.24 0.17 0.00	40.67 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	41.90 0.46 0.00	37.37 0.48 0.00	34.52 0.44 0.00	34.30 0.44 0.00	35.34 0.38 0.00	42.54 0.59 0.00	58.05 0.80 0.00	52.21 0.57 0.00	42.27 0.34 0.00	31.98 0.06 0.00	28.54 -0.09 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.46 0.12 0.00	31.41 0.25 0.00	36.86 0.44 0.00	42.57 0.59 0.00	56.81 0.73 0.00	68.37 1.14 0.00	53.73 0.79 0.00	43.85 0.78 0.00	41.19 0.73 0.00
V_D_10_SYNC_DSASP 323841	41.48 0.04 0.00	37.04 0.15 0.00	34.22 0.14 0.00	34.00 0.14 0.00	34.99 0.03 0.00	42.12 0.17 0.00	57.36 0.11 0.00	51.59 -0.05 0.00	41.86 -0.08 0.00	31.73 -0.19 0.00	28.37 -0.26 0.00	28.42 -0.29 0.00	28.01 -0.25 0.00	28.24 -0.20 0.00	28.57 -0.20 0.00	29.22 -0.12 0.00	31.13 -0.03 0.00	36.46 0.04 0.00	42.03 0.04 0.00	56.08 0.00 0.00	67.49 0.27 0.00	53.10 0.16 0.00	43.33 0.26 0.00	40.75 0.28 0.00
V_E_10_SYNC_DSASP 323830	44.11 2.03 -0.64	39.16 1.92 -0.35	35.92 1.70 -0.13	35.74 1.76 -0.12	37.21 2.06 -0.19	45.46 2.81 -0.70	62.56 4.01 -1.31	55.67 3.10 -0.93	44.25 2.06 -0.25	33.10 1.18 0.00	29.37 0.74 0.00	29.34 0.63 0.00	28.80 0.54 0.00	28.96 0.51 0.00	29.49 0.72 0.00	29.96 0.62 0.00	31.88 0.72 0.00	37.89 1.46 0.00	44.00 2.14 0.12	60.32 4.15 -0.09	72.97 4.91 -0.84	57.80 4.02 -0.84	46.40 3.01 -0.32	43.71 2.71 -0.53
V_F_30_NSYNC_DSASP 323816	43.43 1.99 0.00	38.66 1.77 0.00	35.72 1.64 0.00	35.49 1.63 0.00	36.67 1.71 0.00	44.01 2.06 0.00	60.22 2.98 0.00	54.07 2.43 0.00	43.66 1.72 0.00	32.97 1.05 0.00	29.54 0.92 0.00	29.60 0.89 0.00	29.11 0.85 0.00	29.18 0.74 0.00	29.52 0.75 0.00	30.22 0.88 0.00	32.06 0.90 0.00	37.66 1.24 0.00	43.66 1.68 0.00	58.04 1.96 0.00	69.58 2.35 0.00	55.11 2.17 0.00	44.75 1.68 0.00	42.08 1.62 0.00
V_F_30_SYNC_DSASP 323786	42.31 0.87 0.00	37.63 0.74 0.00	34.86 0.78 0.00	34.64 0.78 0.00	35.73 0.77 0.00	42.92 0.96 0.00	58.56 1.32 0.00	52.62 0.98 0.00	42.86 0.92 0.00	32.50 0.57 0.00	29.14 0.52 0.00	29.25 0.55 0.00	28.71 0.45 0.00	28.87 0.43 0.00	29.24 0.46 0.00	29.90 0.56 0.00	31.72 0.56 0.00	37.19 0.76 0.00	42.91 0.92 0.00	57.09 1.01 0.00	68.37 1.14 0.00	54.05 1.11 0.00	44.02 0.95 0.00	41.27 0.81 0.00
V_XM_10_SYNC_DSASP 323789	41.90 0.46 0.00	37.37 0.48 0.00	34.52 0.44 0.00	34.30 0.44 0.00	35.34 0.38 0.00	42.54 0.59 0.00	58.05 0.80 0.00	52.21 0.57 0.00	42.27 0.34 0.00	31.98 0.06 0.00	28.54 -0.09 0.00	28.56 -0.14 0.00	28.18 -0.08 0.00	28.44 0.00 0.00	28.80 0.03 0.00	29.46 0.12 0.00	31.41 0.25 0.00	36.86 0.44 0.00	42.57 0.59 0.00	56.81 0.73 0.00	68.37 1.14 0.00	53.73 0.79 0.00	43.85 0.78 0.00	41.19 0.73 0.00
W.BABYLN_69_KV_BK1 56697	44.18 2.74 0.00	39.59 2.62 -0.08	36.94 2.35 -0.51	37.47 2.30 -1.31	39.98 2.34 -2.68	45.05 2.85 -0.25	60.54 2.63 -0.66	54.89 2.94 -0.31	45.38 3.44 0.00	35.49 2.62 -0.95	37.41 2.26 -6.52	35.60 2.35 -4.54	36.44 2.26 -5.91	35.50 2.36 -4.70	36.04 2.39 -4.88	42.62 2.38 -10.90	48.33 2.56 -14.61	56.02 3.17 -16.43	59.72 3.36 -14.38	67.53 4.32 -7.13	73.84 5.04 -1.57	57.61 3.76 -0.92	47.29 3.19 -1.03	44.61 3.03 -1.11
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.22 1.78 0.00	38.44 1.55 0.00	35.44 1.36 0.00	35.15 1.29 0.00	36.29 1.33 0.00	43.54 1.59 0.00	59.71 2.46 0.00	54.17 2.53 0.00	44.29 2.35 0.00	33.55 1.63 0.00	30.03 1.40 0.00	30.17 1.46 0.00	29.73 1.47 0.00	29.95 1.51 0.00	30.33 1.55 0.00	30.95 1.61 0.00	32.81 1.65 0.00	38.50 2.08 0.00	44.17 2.18 0.00	59.05 2.97 0.00	71.06 3.83 0.00	55.58 2.65 0.00	45.14 2.07 0.00	42.32 1.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.35 1.91 0.00	38.55 1.66 0.00	35.51 1.43 0.00	35.22 1.35 0.00	36.36 1.40 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.43 2.79 0.00	44.62 2.68 0.00	33.77 1.85 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.13 1.79 0.00	33.03 1.87 0.00	38.76 2.33 0.00	44.42 2.44 0.00	59.22 3.14 0.00	71.39 4.17 0.00	55.80 2.86 0.00	45.31 2.24 0.00	42.49 2.02 0.00
W50THST__13_KV_LOAD 356117	43.47 2.03 0.00	38.66 1.77 0.00	35.61 1.53 0.00	35.32 1.46 0.00	36.46 1.50 0.00	43.80 1.85 0.00	60.11 2.86 0.00	54.64 3.00 0.00	44.79 2.85 0.00	33.93 2.01 0.00	30.40 1.77 0.00	30.54 1.84 0.00	30.10 1.84 0.00	30.32 1.88 0.00	30.67 1.90 0.00	31.25 1.91 0.00	33.15 1.99 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.95 3.02 0.00	45.44 2.37 0.00	42.61 2.14 0.00
WADING RIVER_IC_1 23522	43.39 1.95 0.00	38.99 2.03 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.03 1.60 -2.18	54.68 2.01 -1.03	44.71 2.77 0.00	35.17 2.30 -0.95	37.06 1.92 -6.52	35.02 2.09 -4.22	35.55 1.86 -5.42	35.24 2.10 -4.69	35.80 2.16 -4.87	41.27 1.94 -10.00	46.92 2.37 -13.40	55.33 2.84 -16.06	59.53 2.69 -14.86	68.50 3.08 -9.33	75.53 3.09 -5.21	57.45 2.27 -2.24	46.22 2.20 -0.95	43.79 2.31 -1.02
WADING RIVER_IC_2 23547	43.39 1.95 0.00	38.99 2.03 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.03 1.60 -2.18	54.68 2.01 -1.03	44.71 2.77 0.00	35.17 2.30 -0.95	37.06 1.92 -6.52	35.02 2.09 -4.22	35.55 1.86 -5.42	35.24 2.10 -4.69	35.80 2.16 -4.87	41.27 1.94 -10.00	46.92 2.37 -13.40	55.33 2.84 -16.06	59.53 2.69 -14.86	68.50 3.08 -9.33	75.53 3.09 -5.21	57.45 2.27 -2.24	46.22 2.20 -0.95	43.79 2.31 -1.02
WADING RIVER_IC_3 23601	43.39 1.95 0.00	38.99 2.03 -0.07	36.67 2.08 -0.51	37.20 2.03 -1.31	39.88 2.24 -2.68	44.89 2.69 -0.25	61.03 1.60 -2.18	54.68 2.01 -1.03	44.71 2.77 0.00	35.17 2.30 -0.95	37.06 1.92 -6.52	35.02 2.09 -4.22	35.55 1.86 -5.42	35.24 2.10 -4.69	35.80 2.16 -4.87	41.27 1.94 -10.00	46.92 2.37 -13.40	55.33 2.84 -16.06	59.53 2.69 -14.86	68.50 3.08 -9.33	75.53 3.09 -5.21	57.45 2.27 -2.24	46.22 2.20 -0.95	43.79 2.31 -1.02

WALDENNY_12_KV_BK2 80841	39.78 -1.66 0.00	34.79 -2.10 0.00	32.55 -1.53 0.00	32.54 -1.32 0.00	33.52 -1.43 0.00	39.39 -2.56 0.00	52.66 -4.58 0.00	48.70 -2.94 0.00	39.42 -2.52 0.00	30.58 -1.34 0.00	27.60 -1.03 0.00	27.53 -1.18 0.00	27.13 -1.13 0.00	27.16 -1.28 0.00	27.16 -1.61 0.00	27.02 -2.32 0.00	28.47 -2.68 0.01	33.27 -3.13 0.02	38.50 -2.98 0.51	50.60 -4.09 1.39	61.64 -5.58 0.00	48.28 -4.66 0.00	38.98 -3.62 0.47	37.39 -3.08 0.00
WALDEN___HYDRO 24148	43.10 1.66 0.00	38.37 1.48 0.00	35.38 1.30 0.00	35.08 1.22 0.00	36.22 1.26 0.00	43.46 1.51 0.00	59.59 2.35 0.00	53.91 2.27 0.00	43.99 2.06 0.00	33.29 1.37 0.00	29.80 1.17 0.00	29.94 1.23 0.00	29.48 1.22 0.00	29.72 1.28 0.00	30.10 1.32 0.00	30.72 1.38 0.00	32.56 1.40 0.00	38.25 1.82 0.00	43.96 1.97 0.00	58.77 2.69 0.00	70.65 3.43 0.00	55.32 2.38 0.00	45.01 1.94 0.00	42.20 1.74 0.00
WARRENSBURG___ 23737	43.80 2.36 0.00	38.96 2.07 0.00	35.99 1.91 0.00	35.79 1.93 0.00	36.98 2.03 0.00	44.43 2.48 0.00	60.91 3.66 0.00	54.58 2.94 0.00	43.91 1.97 0.00	33.10 1.18 0.00	29.63 1.00 0.00	29.65 0.95 0.00	29.14 0.88 0.00	29.07 0.63 0.00	29.41 0.63 0.00	30.13 0.79 0.00	31.94 0.78 0.00	37.55 1.13 0.00	43.66 1.68 0.00	57.14 1.07 0.00	68.50 1.28 0.00	54.58 1.64 0.00	44.32 1.25 0.00	41.76 1.29 0.00
WATERSIDE___6 8 9 23538	43.27 1.82 0.00	38.44 1.55 0.00	35.41 1.33 0.00	35.12 1.25 0.00	36.25 1.29 0.00	43.50 1.55 0.00	59.71 2.46 0.00	54.22 2.58 0.00	44.50 2.56 0.00	33.71 1.79 0.00	30.26 1.63 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.07 1.73 0.00	33.00 1.84 0.00	38.72 2.29 0.00	44.34 2.35 0.00	59.11 3.03 0.00	71.19 3.97 0.00	55.64 2.70 0.00	45.18 2.11 0.00	42.36 1.90 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.19 -0.25 0.00	36.74 -0.15 0.00	33.94 -0.14 0.00	33.76 -0.10 0.00	34.96 0.00 0.00	42.08 0.13 0.00	57.53 0.29 0.00	51.80 0.15 0.00	41.98 0.04 0.00	31.79 -0.13 0.00	28.40 -0.23 0.00	28.36 -0.34 0.00	27.84 -0.42 0.00	27.90 -0.54 0.00	28.23 -0.55 0.00	28.55 -0.79 0.00	30.35 -0.81 0.00	35.62 -0.80 0.00	41.27 -0.71 0.00	55.52 -0.56 0.00	66.69 -0.54 0.00	52.73 -0.21 0.00	43.33 0.26 0.00	40.79 0.32 0.00
WDELAWARE___HYD 323627	43.64 2.19 0.00	38.88 1.99 0.00	35.85 1.77 0.00	35.62 1.76 0.00	36.74 1.78 0.00	44.09 2.14 0.00	60.45 3.20 0.00	54.53 2.89 0.00	44.29 2.35 0.00	33.45 1.53 0.00	29.88 1.26 0.00	30.03 1.32 0.00	29.53 1.27 0.00	29.75 1.31 0.00	30.13 1.35 0.00	30.75 1.41 0.00	32.66 1.50 0.00	38.39 1.97 0.00	44.17 2.18 0.00	59.33 3.25 0.00	71.19 3.97 0.00	55.79 2.86 0.00	45.35 2.28 0.00	42.53 2.06 0.00
WEST BABYLON___IC 23714	44.18 2.74 0.00	39.59 2.62 -0.08	36.94 2.35 -0.51	37.47 2.30 -1.31	39.98 2.34 -2.68	45.05 2.85 -0.25	60.54 2.63 -0.66	54.89 2.94 -0.31	45.38 3.44 0.00	35.49 2.62 -0.95	37.41 2.26 -6.52	35.60 2.35 -4.54	36.44 2.26 -5.91	35.50 2.36 -4.70	36.04 2.39 -4.88	42.62 2.38 -10.90	48.33 2.56 -14.61	56.02 3.17 -16.43	59.72 3.36 -14.38	67.53 4.32 -7.13	73.84 5.04 -1.57	57.61 3.76 -0.92	47.29 3.19 -1.03	44.61 3.03 -1.11
WEST CANADA___HYD 24049	41.52 0.08 0.00	36.96 0.07 0.00	34.15 0.07 0.00	33.93 0.07 0.00	35.03 0.07 0.00	42.03 0.08 0.00	57.36 0.11 0.00	51.74 0.10 0.00	42.02 0.08 0.00	31.98 0.06 0.00	28.68 0.06 0.00	28.76 0.06 0.00	28.29 0.03 0.00	28.47 0.03 0.00	28.80 0.03 0.00	29.37 0.03 0.00	31.19 0.03 0.00	36.50 0.07 0.00	42.07 0.08 0.00	56.19 0.11 0.00	67.36 0.13 0.00	53.04 0.11 0.00	43.16 0.09 0.00	40.54 0.08 0.00
WESTERN_NY_WIND 24143	40.36 -1.08 0.00	35.38 -1.51 0.00	32.92 -1.16 0.00	32.91 -0.95 0.00	34.01 -0.94 0.00	40.15 -1.80 0.00	53.92 -3.32 0.00	49.73 -1.91 0.00	40.09 -1.85 0.00	30.90 -1.02 0.00	27.80 -0.83 0.00	27.79 -0.92 0.00	27.36 -0.90 0.00	27.45 -1.00 0.00	27.48 -1.29 0.00	27.49 -1.85 0.00	29.00 -2.15 0.01	33.90 -2.51 0.02	39.26 -2.18 0.54	51.74 -2.86 1.47	63.12 -4.10 0.00	49.55 -3.39 0.00	39.74 -2.84 0.49	38.08 -2.39 0.00
WESTOVER___LESR 323668	42.36 0.29 -0.62	37.41 0.18 -0.34	34.41 0.20 -0.13	34.18 0.20 -0.12	35.39 0.24 -0.19	42.84 0.21 -0.68	58.75 0.23 -1.27	52.91 0.36 -0.91	42.44 0.25 -0.25	32.14 0.22 0.00	28.83 0.20 0.00	28.91 0.20 0.00	28.46 0.20 0.00	28.64 0.20 0.00	28.95 0.17 0.00	29.43 0.09 0.00	31.23 0.06 -0.01	36.59 0.15 -0.02	42.10 0.25 0.14	56.57 0.45 -0.04	68.51 0.47 -0.82	54.02 0.26 -0.82	43.56 0.17 -0.31	41.14 0.16 -0.52
WETHRSFD_WT_PWR 323626	39.87 -1.57 0.00	34.93 -1.96 0.00	32.65 -1.43 0.00	32.61 -1.25 0.00	33.66 -1.29 0.00	39.68 -2.27 0.00	53.24 -4.01 0.00	48.95 -2.69 0.00	39.42 -2.52 0.00	30.42 -1.50 0.00	27.40 -1.23 0.00	27.36 -1.35 0.00	26.96 -1.30 0.00	27.05 -1.39 0.00	27.08 -1.70 0.00	27.43 -1.91 0.00	28.50 -2.65 0.01	33.38 -3.02 0.03	38.76 -2.77 0.45	51.37 -3.48 1.24	62.52 -4.71 0.00	48.91 -4.03 0.00	39.55 -3.10 0.42	37.75 -2.71 0.00
WHAVSTOR_138KV_BK127 55557	43.06 1.62 0.00	38.33 1.44 0.00	35.31 1.23 0.00	35.05 1.19 0.00	36.15 1.19 0.00	43.42 1.47 0.00	59.53 2.29 0.00	53.97 2.32 0.00	44.16 2.22 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.11 1.41 0.00	29.65 1.38 0.00	29.87 1.42 0.00	30.24 1.47 0.00	30.87 1.53 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.04 2.06 0.00	58.77 2.69 0.00	70.79 3.56 0.00	55.37 2.44 0.00	45.01 1.94 0.00	42.20 1.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.06 1.62 0.00	38.33 1.44 0.00	35.31 1.23 0.00	35.05 1.19 0.00	36.15 1.19 0.00	43.42 1.47 0.00	59.53 2.29 0.00	53.97 2.32 0.00	44.16 2.22 0.00	33.48 1.56 0.00	29.97 1.35 0.00	30.11 1.41 0.00	29.65 1.38 0.00	29.87 1.42 0.00	30.24 1.47 0.00	30.87 1.53 0.00	32.72 1.56 0.00	38.39 1.97 0.00	44.04 2.06 0.00	58.77 2.69 0.00	70.79 3.56 0.00	55.37 2.44 0.00	45.01 1.94 0.00	42.20 1.74 0.00
WHITEHAL_115KV_TB1 80871	44.30 2.86 0.00	39.40 2.51 0.00	36.43 2.35 0.00	36.23 2.37 0.00	37.44 2.48 0.00	45.01 3.06 0.00	61.77 4.52 0.00	55.20 3.56 0.00	44.20 2.26 0.00	33.20 1.28 0.00	29.69 1.06 0.00	29.71 1.00 0.00	29.17 0.90 0.00	29.10 0.65 0.00	29.44 0.66 0.00	30.25 0.91 0.00	32.06 0.90 0.00	37.81 1.38 0.00	44.13 2.14 0.00	58.04 1.96 0.00	69.71 2.49 0.00	55.48 2.54 0.00	44.97 1.90 0.00	42.36 1.90 0.00
WHITEPLN_13_KV_LOAD 356215	43.47 2.03 0.00	38.70 1.81 0.00	35.61 1.53 0.00	35.32 1.46 0.00	36.46 1.50 0.00	43.80 1.85 0.00	60.16 2.92 0.00	54.53 2.89 0.00	44.66 2.73 0.00	33.80 1.88 0.00	30.23 1.60 0.00	30.40 1.69 0.00	29.96 1.70 0.00	30.18 1.74 0.00	30.56 1.78 0.00	31.19 1.85 0.00	33.09 1.93 0.00	38.87 2.44 0.00	44.55 2.56 0.00	59.33 3.25 0.00	71.53 4.30 0.00	55.95 3.02 0.00	45.44 2.37 0.00	42.61 2.14 0.00

WM_FLOYD_69_KV_BK2 356380	43.68 2.24 0.00	39.21 2.25 -0.07	36.77 2.18 -0.51	37.30 2.13 -1.31	39.84 2.20 -2.68	44.92 2.73 -0.25	61.34 1.95 -2.15	54.98 2.32 -1.01	44.92 2.98 0.00	35.27 2.39 -0.95	37.17 2.03 -6.52	35.06 2.12 -4.22	35.67 1.98 -5.43	35.30 2.16 -4.69	35.86 2.22 -4.87	41.44 2.08 -10.01	46.98 2.40 -13.42	55.51 3.02 -16.07	59.77 2.94 -14.85	68.95 3.59 -9.29	76.19 3.83 -5.13	58.00 2.86 -2.21	46.61 2.58 -0.95	44.04 2.55 -1.02
WOODARD__115KV_TB2 355635	41.89 -0.62 -1.07	36.84 -0.63 -0.58	33.72 -0.58 -0.22	33.52 -0.54 -0.20	34.75 -0.52 -0.32	42.49 -0.63 -1.17	58.57 -0.86 -2.18	52.53 -0.67 -1.56	41.74 -0.63 -0.43	31.54 -0.38 0.00	28.37 -0.26 0.00	28.48 -0.23 0.00	28.04 -0.23 0.00	28.22 -0.23 0.00	28.49 -0.29 0.00	29.02 -0.32 0.00	30.82 -0.34 0.00	35.88 -0.55 0.00	41.18 -0.63 0.18	55.59 -0.73 -0.24	67.68 -0.94 -1.40	53.55 -0.79 -1.40	42.89 -0.73 -0.55	40.66 -0.69 -0.89
WOODMERE_69_KV_BK1 55827	44.34 2.90 0.00	39.71 2.69 -0.13	36.98 2.39 -0.51	37.50 2.34 -1.31	40.02 2.38 -2.68	45.05 2.85 -0.25	60.33 3.09 0.00	54.95 3.31 0.00	45.50 3.56 0.00	35.55 2.68 -0.95	37.52 2.32 -6.57	38.11 2.38 -7.02	40.33 2.35 -9.72	35.61 2.42 -4.75	36.15 2.45 -4.93	49.72 2.46 -17.91	57.73 2.56 -24.01	65.91 3.17 -26.32	67.91 3.44 -22.48	70.38 4.49 -9.81	72.67 5.45 0.00	57.52 4.02 -0.56	48.05 3.27 -1.70	45.33 3.03 -1.83
YORK__WARBASSE 23770	43.51 2.07 0.00	38.62 1.73 0.00	35.55 1.47 0.00	35.25 1.39 0.00	36.39 1.43 0.00	43.63 1.68 0.00	59.93 2.69 0.00	54.48 2.84 0.00	44.62 2.68 0.00	33.80 1.88 0.00	30.34 1.72 0.00	30.52 1.81 0.00	30.07 1.81 0.00	30.29 1.85 0.00	30.67 1.90 0.00	31.19 1.85 0.00	33.12 1.96 0.00	38.94 2.51 0.00	44.59 2.60 0.00	59.44 3.36 0.00	71.59 4.37 0.00	55.90 2.96 0.00	45.40 2.33 0.00	42.57 2.10 0.00