

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/21/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		43.55	38.68	37.57	35.32	36.68	30.25	29.59	49.13	39.43	42.19	42.77	44.26	44.74	50.44	68.04	49.78	55.18	62.53	51.28	46.00	43.32	32.71	32.04	30.89
		2.80	2.34	2.20	1.90	1.82	1.64	1.73	2.57	3.36	3.58	3.82	4.17	4.37	4.67	6.25	4.76	5.47	4.63	3.65	3.92	3.57	2.61	2.41	2.37
		0.00	0.00	0.00	0.00	0.00	0.00	-2.55	-15.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.07	-10.93	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		43.56	38.72	37.59	35.35	36.70	30.26	29.58	49.10	39.46	42.31	42.92	44.41	44.90	50.56	68.14	49.85	55.26	62.58	51.34	46.09	43.43	32.80	32.12	30.95
		2.81	2.38	2.23	1.93	1.84	1.64	1.73	2.55	3.38	3.71	3.97	4.32	4.53	4.78	6.35	4.83	5.55	4.68	3.71	4.01	3.69	2.70	2.49	2.43
		0.00	0.00	0.00	0.00	0.00	0.00	-2.55	-15.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.06	-10.93	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		43.56	38.72	37.59	35.35	36.70	30.26	29.58	49.10	39.46	42.31	42.92	44.41	44.90	50.56	68.14	49.85	55.26	62.58	51.34	46.09	43.43	32.80	32.12	30.95
		2.81	2.38	2.23	1.93	1.84	1.64	1.73	2.55	3.38	3.71	3.97	4.32	4.53	4.78	6.35	4.83	5.55	4.68	3.71	4.01	3.69	2.70	2.49	2.43
		0.00	0.00	0.00	0.00	0.00	0.00	-2.55	-15.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.06	-10.93	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		43.73	39.01	37.87	35.69	37.11	30.56	27.63	36.25	39.08	41.63	41.54	42.47	42.68	48.53	66.15	48.08	52.86	49.38	42.07	45.28	42.75	32.43	31.82	30.62
		2.98	2.67	2.50	2.27	2.25	1.94	1.93	2.63	3.00	3.02	2.59	2.37	2.31	2.75	4.36	3.06	3.15	3.14	2.86	3.20	3.00	2.33	2.19	2.10
		0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.41	-2.51	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		43.96	39.26	38.10	35.91	37.34	30.80	27.92	36.61	39.47	41.97	41.83	42.65	42.84	48.83	66.62	48.49	53.25	49.69	42.38	45.52	43.01	32.64	32.07	30.90
		3.21	2.92	2.73	2.49	2.47	2.18	2.22	2.99	3.40	3.37	2.88	2.56	2.47	3.05	4.83	3.47	3.53	3.46	3.17	3.45	3.26	2.53	2.44	2.37
		0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.39	-2.50	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		43.73	39.01	37.87	35.69	37.11	30.56	27.63	36.25	39.08	41.63	41.54	42.47	42.68	48.53	66.15	48.08	52.86	49.38	42.07	45.28	42.75	32.43	31.82	30.62
		2.98	2.67	2.50	2.27	2.25	1.94	1.93	2.63	3.00	3.02	2.59	2.37	2.31	2.75	4.36	3.06	3.15	3.14	2.86	3.20	3.00	2.33	2.19	2.10
		0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.41	-2.51	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		43.10	38.52	37.48	35.33	36.73	30.00	27.11	36.06	38.17	40.53	40.53	41.57	41.76	47.59	64.41	46.89	51.59	48.81	41.41	44.13	41.68	31.69	31.13	30.00
		2.34	2.17	2.12	1.91	1.87	1.38	1.32	1.88	2.09	1.92	1.58	1.48	1.40	1.81	2.62	1.87	1.88	1.72	1.56	2.05	1.94	1.59	1.50	1.47
		0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.26	-3.15	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		41.52	37.21	36.39	34.32	35.70	29.23	26.22	34.55	36.88	39.35	39.44	40.53	40.81	46.40	62.77	45.67	50.20	46.92	39.80	42.59	40.25	30.58	30.10	28.99
		0.78	0.87	1.03	0.90	0.84	0.61	0.50	0.78	0.81	0.74	0.49	0.44	0.44	0.62	0.97	0.66	0.49	0.44	0.41	0.52	0.50	0.48	0.47	0.47
		0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.65	-2.69	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		39.72	35.49	34.51	32.71	34.44	28.27	24.95	30.41	34.86	37.23	37.60	38.58	38.72	44.17	59.52	43.44	47.96	41.17	35.28	40.70	38.58	29.23	28.86	27.82
		-1.03	-0.85	-0.86	-0.71	-0.42	-0.34	-0.35	-0.83	-1.21	-1.37	-1.35	-1.52	-1.65	-1.61	-2.27	-1.58	-1.75	-1.66	-1.42	-1.37	-1.16	-0.87	-0.78	-0.70
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		42.47	38.03	37.14	35.05	36.47	29.85	26.70	34.81	37.31	39.59	39.66	40.64	40.96	46.89	63.85	46.55	50.52	47.06	40.15	43.30	40.98	31.22	30.77	29.63
		1.72	1.69	1.77	1.63	1.61	1.23	1.03	1.35	1.24	0.99	0.71	0.55	0.59	1.11	2.05	1.53	0.81	0.65	0.81	1.22	1.24	1.12	1.14	1.11
		0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.58	-2.64	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		42.45	38.02	37.14	35.04	36.46	29.84	26.69	34.81	37.30	39.58	39.65	40.63	40.95	46.89	63.81	46.54	50.51	47.05	40.14	43.28	40.97	31.21	30.76	29.62
		1.70	1.68	1.77	1.62	1.60	1.22	1.02	1.34	1.23	0.98	0.70	0.54	0.58	1.11	2.02	1.52	0.80	0.64	0.80	1.21	1.22	1.11	1.13	1.10
		0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.58	-2.64	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		41.52	37.21	36.39	34.32	35.70	29.23	26.22	34.55	36.88	39.35	39.44	40.53	40.81	46.40	62.77	45.67	50.20	46.92	39.80	42.59	40.25	30.58	30.10	28.99
		0.78	0.87	1.03	0.90	0.84	0.61	0.50	0.78	0.81	0.74	0.49	0.44	0.44	0.62	0.97	0.66	0.49	0.44	0.41	0.52	0.50	0.48	0.47	0.47
		0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.65	-2.69	0.00	0			

ALBANY___2 23572	41.52 0.78 0.00	37.21 0.87 0.00	36.39 1.03 0.00	34.32 0.90 0.00	35.70 0.84 0.00	29.23 0.61 0.00	26.22 0.50 -0.42	34.55 0.78 -2.52	36.88 0.81 0.00	39.35 0.74 0.00	39.44 0.49 0.00	40.53 0.44 0.00	40.81 0.44 0.00	46.40 0.62 0.00	62.77 0.97 0.00	45.67 0.66 0.00	50.20 0.49 0.00	46.92 0.44 -3.65	39.80 0.41 -2.69	42.59 0.52 0.00	40.25 0.50 0.00	30.58 0.48 0.00	30.10 0.47 0.00	28.99 0.47 0.00
ALBANY___3 23573	41.52 0.78 0.00	37.21 0.87 0.00	36.39 1.03 0.00	34.32 0.90 0.00	35.70 0.84 0.00	29.23 0.61 0.00	26.22 0.50 -0.42	34.55 0.78 -2.52	36.88 0.81 0.00	39.35 0.74 0.00	39.44 0.49 0.00	40.53 0.44 0.00	40.81 0.44 0.00	46.40 0.62 0.00	62.77 0.97 0.00	45.67 0.66 0.00	50.20 0.49 0.00	46.92 0.44 -3.65	39.80 0.41 -2.69	42.59 0.52 0.00	40.25 0.50 0.00	30.58 0.48 0.00	30.10 0.47 0.00	28.99 0.47 0.00
ALBANY___4 23574	41.52 0.78 0.00	37.21 0.87 0.00	36.39 1.03 0.00	34.32 0.90 0.00	35.70 0.84 0.00	29.23 0.61 0.00	26.22 0.50 -0.42	34.55 0.78 -2.52	36.88 0.81 0.00	39.35 0.74 0.00	39.44 0.49 0.00	40.53 0.44 0.00	40.81 0.44 0.00	46.40 0.62 0.00	62.77 0.97 0.00	45.67 0.66 0.00	50.20 0.49 0.00	46.92 0.44 -3.65	39.80 0.41 -2.69	42.59 0.52 0.00	40.25 0.50 0.00	30.58 0.48 0.00	30.10 0.47 0.00	28.99 0.47 0.00
ALBANY___LFGE 323615	42.10 1.35 0.00	37.66 1.32 0.00	36.79 1.42 0.00	34.69 1.27 0.00	36.07 1.22 0.00	29.55 0.93 0.00	26.53 0.81 -0.42	34.95 1.20 -2.51	37.41 1.34 0.00	39.95 1.34 0.00	40.06 1.11 0.00	41.18 1.09 0.00	41.48 1.10 0.00	47.19 1.41 0.00	63.87 2.08 0.00	46.41 1.39 0.00	50.97 1.26 0.00	47.62 1.16 -3.62	40.40 1.02 -2.67	43.29 1.21 0.00	40.88 1.13 0.00	31.03 0.94 0.00	30.52 0.89 0.00	29.37 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	39.75 -1.00 0.00	35.51 -0.84 0.00	34.51 -0.85 0.00	32.72 -0.70 0.00	34.45 -0.41 0.00	28.29 -0.33 0.00	24.97 -0.33 0.00	30.40 -0.84 0.00	34.79 -1.29 0.00	37.12 -1.49 0.00	37.49 -1.46 0.00	38.43 -1.66 0.00	38.53 -1.84 0.00	43.90 -1.88 0.00	59.22 -2.57 0.00	43.25 -1.77 0.00	47.76 -1.95 0.00	40.97 -1.86 0.00	35.17 -1.54 0.00	40.60 -1.48 0.00	38.49 -1.26 0.00	29.18 -0.92 0.00	28.82 -0.81 0.00	27.81 -0.72 0.00
ALCOA_RYNLDS___DRP 24188	39.75 -1.00 0.00	35.51 -0.84 0.00	34.51 -0.85 0.00	32.72 -0.70 0.00	34.45 -0.41 0.00	28.29 -0.33 0.00	24.97 -0.33 0.00	30.40 -0.84 0.00	34.79 -1.29 0.00	37.12 -1.49 0.00	37.49 -1.46 0.00	38.43 -1.66 0.00	38.53 -1.84 0.00	43.90 -1.88 0.00	59.22 -2.57 0.00	43.25 -1.77 0.00	47.76 -1.95 0.00	40.97 -1.86 0.00	35.17 -1.54 0.00	40.60 -1.48 0.00	38.49 -1.26 0.00	29.18 -0.92 0.00	28.82 -0.81 0.00	27.81 -0.72 0.00
ALCOA___DSASP 323711	39.75 -1.00 0.00	35.51 -0.84 0.00	34.51 -0.85 0.00	32.72 -0.70 0.00	34.45 -0.41 0.00	28.29 -0.33 0.00	24.97 -0.33 0.00	30.40 -0.84 0.00	34.79 -1.29 0.00	37.12 -1.48 0.00	37.50 -1.46 0.00	38.43 -1.66 0.00	38.53 -1.84 0.00	43.90 -1.88 0.00	59.22 -2.57 0.00	43.25 -1.77 0.00	47.76 -1.96 0.00	40.97 -1.86 0.00	35.17 -1.53 0.00	40.60 -1.48 0.00	38.48 -1.26 0.00	29.18 -0.92 0.00	28.82 -0.82 0.00	27.81 -0.72 0.00
ALLEGHENY___COGEN 23514	44.73 3.98 0.00	39.34 3.00 0.00	37.86 2.50 0.00	35.54 2.13 0.00	36.61 1.75 0.00	30.29 1.67 0.00	26.93 1.63 0.00	33.65 2.41 0.00	37.77 1.69 0.00	40.06 1.46 0.00	39.22 0.27 0.00	39.74 -0.35 0.00	40.23 -0.14 0.00	44.62 -1.16 0.00	60.00 -1.80 0.00	43.49 -1.53 0.00	47.70 -2.02 0.00	41.87 -0.97 0.00	35.93 -0.77 0.00	41.33 -0.75 0.00	39.51 -0.23 0.00	30.04 -0.07 0.00	30.97 1.34 0.00	30.66 2.14 0.00
ALTAMONT_115KV_TB 2 55880	41.95 1.20 0.00	37.48 1.14 0.00	36.57 1.20 0.00	34.50 1.08 0.00	35.89 1.02 0.00	29.39 0.78 0.00	26.41 0.71 -0.40	34.71 1.05 -2.42	37.29 1.22 0.00	39.80 1.20 0.00	39.99 1.04 0.00	41.13 1.04 0.00	41.43 1.06 0.00	47.04 1.27 0.00	63.67 1.88 0.00	46.33 1.31 0.00	50.98 1.27 0.00	47.42 1.14 -3.45	40.25 1.00 -2.54	43.25 1.18 0.00	40.85 1.11 0.00	31.01 0.91 0.00	30.51 0.87 0.00	29.36 0.84 0.00
ALTONA_WT_PWR 323606	40.61 -0.14 0.00	36.29 -0.05 0.00	35.24 -0.13 0.00	33.39 -0.03 0.00	35.11 0.25 0.00	28.85 0.23 0.00	25.50 0.20 0.00	31.18 -0.06 0.00	35.80 -0.27 0.00	38.07 -0.54 0.00	38.32 -0.63 0.00	39.39 -0.71 0.00	39.61 -0.76 0.00	45.30 -0.48 0.00	60.64 -1.15 0.00	44.54 -0.48 0.00	49.01 -0.70 0.00	41.71 -1.12 0.00	35.72 -0.98 0.00	41.24 -0.83 0.00	39.17 -0.57 0.00	29.68 -0.42 0.00	29.37 -0.26 0.00	28.34 -0.18 0.00
AMERICAN_REF_FUEL 24010	42.40 1.65 0.00	36.78 0.44 0.00	35.38 0.01 0.00	33.16 -0.26 0.00	33.86 -1.00 0.00	28.00 -0.61 0.00	24.89 -0.42 0.00	31.58 0.33 0.00	36.28 0.21 0.00	39.30 0.69 0.00	39.98 1.03 0.00	41.00 0.91 0.00	41.14 0.77 0.00	45.70 -0.07 0.01	61.23 -0.56 0.00	44.39 -0.63 0.00	49.01 -0.70 0.00	42.30 -0.53 0.00	36.07 -0.64 0.00	41.25 -0.82 0.00	38.76 -0.99 0.00	29.43 -0.67 0.00	29.36 -0.27 0.00	28.39 -0.13 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.41 3.66 0.00	38.50 2.16 0.00	36.98 1.61 0.00	34.72 1.30 0.00	35.62 0.76 0.00	29.45 0.83 0.00	26.13 0.83 0.00	33.12 1.87 0.00	38.34 2.27 0.00	41.92 3.31 0.00	42.66 3.71 0.00	44.06 3.96 0.00	44.25 3.88 0.00	48.67 2.89 0.00	65.67 3.88 0.00	47.59 2.58 0.00	52.63 2.92 0.00	45.34 2.51 0.00	38.91 2.20 0.00	44.51 2.44 0.00	42.02 2.26 -0.01	31.53 1.42 0.00	31.19 1.56 0.00	30.01 1.49 0.00
ARTHUR KILL_GT_1 23520	43.32 2.56 0.00	38.55 2.21 0.00	37.42 2.06 0.00	35.16 1.75 0.00	36.51 1.65 0.00	30.15 1.53 0.00	29.49 1.64 -2.55	48.93 2.38 -15.31	39.25 3.16 -0.02	60.78 3.29 -18.89	53.16 3.48 -10.73	55.45 3.93 -11.43	72.92 4.12 -28.44	72.90 4.41 -22.71	74.88 5.84 -7.25	84.11 4.59 -34.51	78.79 5.31 -23.76	86.67 4.42 -39.42	86.36 3.45 -46.21	89.68 3.76 -43.85	89.66 3.48 -46.43	89.56 2.56 -56.91	83.15 2.30 -51.22	67.46 2.22 -36.72
ARTHUR_KILL_2 23512	43.13 2.37 0.00	38.40 2.06 0.00	37.27 1.91 0.00	35.03 1.61 0.00	36.37 1.51 0.00	30.03 1.42 0.00	29.38 1.52 -2.55	48.80 2.25 -15.31	39.09 3.00 -0.02	60.60 3.11 -18.89	52.97 3.29 -10.73	55.25 3.73 -11.43	72.70 3.90 -28.44	72.65 4.16 -22.71	74.51 5.47 -7.25	83.86 4.33 -34.51	78.49 5.01 -23.76	86.41 4.16 -39.42	86.14 3.23 -46.21	89.43 3.51 -43.85	89.43 3.25 -46.43	89.40 2.39 -56.91	82.99 2.15 -51.22	67.32 2.08 -36.72
ARTHUR_KILL_3 23513	42.97 2.22 0.00	38.18 1.84 0.00	37.09 1.72 0.00	34.87 1.45 0.00	36.21 1.35 0.00	29.84 1.22 0.00	28.18 1.34 -1.54	34.55 2.07 -1.23	38.92 2.83 -0.01	55.99 3.11 -14.28	48.37 3.33 -6.09	49.56 3.62 -5.85	59.96 3.83 -15.76	49.72 3.94 0.00	67.08 5.29 0.00	49.09 4.07 0.00	54.40 4.69 0.00	61.86 3.97 -15.07	50.83 3.20 -10.93	45.97 3.53 -0.37	45.71 3.27 -2.69	48.34 2.39 -15.85	51.75 2.17 -19.95	48.12 2.08 -17.51

ARTHUR_KILL_COGEN 323718	43.32 2.56 0.00	38.55 2.21 0.00	37.42 2.06 0.00	35.16 1.75 0.00	36.51 1.65 0.00	30.15 1.53 0.00	29.49 1.64 -2.55	48.93 2.38 -15.31	39.25 3.16 -0.02	60.78 3.29 -18.89	53.16 3.48 -10.73	55.45 3.93 -11.43	72.92 4.12 -28.44	72.90 4.41 -22.71	74.88 5.84 -7.25	84.11 4.59 -34.51	78.79 5.31 -23.76	86.67 4.42 -39.42	86.36 3.45 -46.21	89.68 3.76 -43.85	89.66 3.48 -46.43	89.56 2.56 -56.91	83.15 2.30 -51.22	67.46 2.22 -36.72
ASHOKAN____ 23654	43.00 2.25 0.00	38.34 2.00 0.00	37.34 1.97 0.00	35.17 1.75 0.00	36.55 1.69 0.00	29.96 1.34 0.00	26.55 1.25 0.00	33.05 1.81 0.00	38.33 2.26 0.00	40.97 2.37 0.00	41.16 2.21 0.00	42.50 2.41 0.00	43.19 2.82 0.00	49.81 4.03 0.00	66.70 4.91 0.00	49.06 4.05 0.00	53.59 3.89 0.00	49.50 2.92 -3.75	42.19 2.72 -2.76	45.27 3.20 0.00	42.79 3.04 0.00	32.44 2.34 0.00	31.80 2.17 0.00	30.52 2.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.08 2.33 0.00	38.30 1.96 0.00	37.15 1.78 0.00	34.96 1.54 0.00	36.28 1.42 0.00	29.94 1.33 0.00	29.31 1.45 -2.55	48.71 2.16 -15.31	38.99 2.92 0.00	41.68 3.08 0.00	42.29 3.34 0.00	43.79 3.70 0.00	44.40 3.86 -0.16	49.76 3.98 0.00	67.17 5.38 0.00	49.21 4.19 0.00	54.52 4.81 0.00	61.83 3.94 -15.06	52.33 3.13 -12.50	45.47 3.40 0.00	42.86 3.11 0.00	32.37 2.27 0.00	31.75 2.12 0.00	30.71 2.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.08 2.33 0.00	38.30 1.96 0.00	37.15 1.78 0.00	34.96 1.54 0.00	36.28 1.42 0.00	29.94 1.33 0.00	29.31 1.45 -2.55	48.71 2.16 -15.31	38.99 2.92 0.00	41.68 3.08 0.00	42.29 3.34 0.00	43.79 3.70 0.00	44.40 3.86 -0.16	49.76 3.98 0.00	67.17 5.38 0.00	49.21 4.19 0.00	54.52 4.81 0.00	61.83 3.94 -15.06	52.33 3.13 -12.50	45.47 3.40 0.00	42.86 3.11 0.00	32.37 2.27 0.00	31.75 2.12 0.00	30.71 2.19 0.00
ASTORIA_GT2_1 24094	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT2_2 24095	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT2_3 24096	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT2_4 24097	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT3_1 24098	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT3_2 24099	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT3_3 24100	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT3_4 24101	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT4_1 24102	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT4_2 24103	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT4_3 24104	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00

ASTORIA_GT4_4 24105	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.35 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.70 3.09 0.00	42.31 3.36 0.00	43.83 3.73 0.00	44.41 3.87 -0.16	49.79 4.01 0.00	67.23 5.44 0.00	49.24 4.22 0.00	54.56 4.85 0.00	61.86 3.97 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.13 0.00	32.39 2.29 0.00	31.77 2.14 0.00	30.73 2.21 0.00
ASTORIA_GT_1 23523	43.22 2.47 0.00	38.41 2.06 0.00	37.24 1.88 0.00	35.06 1.64 0.00	36.38 1.52 0.00	30.02 1.40 0.00	29.38 1.52 -2.55	48.81 2.26 -15.31	39.12 3.05 0.00	41.81 3.20 0.00	42.43 3.48 0.00	43.96 3.86 0.00	44.56 4.02 -0.16	49.94 4.17 0.00	67.42 5.63 0.00	49.40 4.38 0.00	54.73 5.02 0.00	62.01 4.11 -15.06	52.48 3.28 -12.50	45.62 3.55 0.00	43.00 3.26 0.00	32.48 2.38 0.00	31.85 2.22 0.00	30.80 2.28 0.00
ASTORIA_GT_10 24110	43.13 2.37 0.00	38.34 2.00 0.00	37.23 1.86 0.00	35.01 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.33 1.48 -2.55	48.75 2.20 -15.31	39.03 2.96 0.00	41.76 3.16 0.00	42.34 3.39 0.00	43.82 3.73 0.00	44.28 3.91 0.00	49.77 3.99 0.00	67.11 5.32 0.00	49.15 4.14 0.00	54.47 4.76 0.00	61.80 3.91 -15.06	50.69 3.06 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
ASTORIA_GT_11 24225	43.13 2.37 0.00	38.34 2.00 0.00	37.23 1.86 0.00	35.01 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.33 1.48 -2.55	48.75 2.20 -15.31	39.03 2.96 0.00	41.76 3.16 0.00	42.34 3.39 0.00	43.82 3.73 0.00	44.28 3.91 0.00	49.77 3.99 0.00	67.11 5.32 0.00	49.15 4.14 0.00	54.47 4.76 0.00	61.80 3.91 -15.06	50.69 3.06 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
ASTORIA_GT_12 24226	43.13 2.37 0.00	38.34 2.00 0.00	37.23 1.86 0.00	35.01 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.33 1.48 -2.55	48.75 2.20 -15.31	39.03 2.96 0.00	41.76 3.16 0.00	42.34 3.39 0.00	43.82 3.73 0.00	44.28 3.91 0.00	49.77 3.99 0.00	67.11 5.32 0.00	49.15 4.14 0.00	54.47 4.76 0.00	61.80 3.91 -15.06	50.69 3.06 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
ASTORIA_GT_13 24227	43.13 2.37 0.00	38.34 2.00 0.00	37.23 1.86 0.00	35.01 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.33 1.48 -2.55	48.75 2.20 -15.31	39.03 2.96 0.00	41.76 3.16 0.00	42.34 3.39 0.00	43.82 3.73 0.00	44.28 3.91 0.00	49.77 3.99 0.00	67.11 5.32 0.00	49.15 4.14 0.00	54.47 4.76 0.00	61.80 3.91 -15.06	50.69 3.06 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
ASTORIA_GT_5 24106	43.22 2.47 0.00	38.41 2.07 0.00	37.25 1.88 0.00	35.06 1.64 0.00	36.38 1.52 0.00	30.02 1.41 0.00	29.38 1.53 -2.55	48.81 2.26 -15.31	39.12 3.05 0.00	41.81 3.20 0.00	42.44 3.49 0.00	43.96 3.87 0.00	44.56 4.02 -0.16	49.94 4.16 0.00	67.43 5.65 0.00	49.41 4.39 0.00	54.73 5.02 0.00	62.01 4.12 -15.06	52.48 3.28 -12.50	45.62 3.55 0.00	43.00 3.26 0.00	32.48 2.38 0.00	31.85 2.22 0.00	30.80 2.28 0.00
ASTORIA_GT_7 24107	43.22 2.47 0.00	38.41 2.07 0.00	37.25 1.88 0.00	35.06 1.64 0.00	36.38 1.52 0.00	30.02 1.41 0.00	29.38 1.53 -2.55	48.81 2.26 -15.31	39.12 3.05 0.00	41.81 3.20 0.00	42.44 3.49 0.00	43.96 3.87 0.00	44.56 4.02 -0.16	49.94 4.16 0.00	67.43 5.65 0.00	49.41 4.39 0.00	54.73 5.02 0.00	62.01 4.12 -15.06	52.48 3.28 -12.50	45.62 3.55 0.00	43.00 3.26 0.00	32.48 2.38 0.00	31.85 2.22 0.00	30.80 2.28 0.00
ASTORIA_GT_8 24108	43.22 2.47 0.00	38.41 2.07 0.00	37.25 1.88 0.00	35.06 1.64 0.00	36.38 1.52 0.00	30.02 1.41 0.00	29.38 1.53 -2.55	48.81 2.26 -15.31	39.12 3.05 0.00	41.81 3.20 0.00	42.44 3.49 0.00	43.96 3.87 0.00	44.56 4.02 -0.16	49.94 4.16 0.00	67.43 5.65 0.00	49.41 4.39 0.00	54.73 5.02 0.00	62.01 4.12 -15.06	52.48 3.28 -12.50	45.62 3.55 0.00	43.00 3.26 0.00	32.48 2.38 0.00	31.85 2.22 0.00	30.80 2.28 0.00
ASTORIA___2 24149	43.11 2.36 0.00	38.32 1.98 0.00	37.17 1.80 0.00	34.99 1.57 0.00	36.31 1.45 0.00	29.96 1.34 0.00	29.32 1.47 -2.55	48.74 2.18 -15.31	39.01 2.94 0.00	41.69 3.09 0.00	42.31 3.36 0.00	43.82 3.73 0.00	44.40 3.87 -0.16	49.79 4.01 0.00	67.21 5.42 0.00	49.23 4.22 0.00	54.56 4.85 0.00	61.85 3.96 -15.06	52.35 3.15 -12.50	45.49 3.42 0.00	42.88 3.14 0.00	32.39 2.29 0.00	31.76 2.13 0.00	30.73 2.21 0.00
ASTORIA___3 23516	43.12 2.37 0.00	38.34 2.00 0.00	37.22 1.86 0.00	35.00 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.32 1.47 -2.55	48.75 2.19 -15.31	39.03 2.96 0.00	41.76 3.16 0.00	42.33 3.39 0.00	43.81 3.72 0.00	44.27 3.90 0.00	49.77 3.99 0.00	67.10 5.31 0.00	49.15 4.14 0.00	54.47 4.75 0.00	61.79 3.90 -15.06	50.69 3.06 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
ASTORIA___4 23517	43.13 2.37 0.00	38.34 2.00 0.00	37.23 1.86 0.00	35.01 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.33 1.48 -2.55	48.75 2.20 -15.31	39.03 2.96 0.00	41.76 3.16 0.00	42.34 3.39 0.00	43.82 3.73 0.00	44.28 3.91 0.00	49.77 3.99 0.00	67.10 5.31 0.00	49.15 4.14 0.00	54.47 4.75 0.00	61.80 3.91 -15.06	50.69 3.06 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
ASTORIA___5 23518	43.12 2.37 0.00	38.34 2.00 0.00	37.22 1.86 0.00	35.00 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.32 1.47 -2.55	48.75 2.19 -15.31	39.03 2.96 0.00	41.76 3.16 0.00	42.33 3.39 0.00	43.81 3.72 0.00	44.27 3.90 0.00	49.77 3.99 0.00	67.10 5.31 0.00	49.15 4.14 0.00	54.47 4.75 0.00	61.79 3.90 -15.06	50.69 3.06 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
AST_ENERGY_2_CC3 323677	43.07 2.32 0.00	38.30 1.96 0.00	37.20 1.83 0.00	34.98 1.56 0.00	36.32 1.46 0.00	29.93 1.32 0.00	29.28 1.43 -2.55	48.72 2.16 -15.31	38.99 2.92 0.00	41.78 3.17 0.00	42.35 3.40 0.00	43.82 3.72 0.00	44.29 3.92 0.00	49.89 4.11 0.00	67.28 5.48 0.00	49.22 4.20 0.00	54.57 4.85 0.00	62.00 4.10 -15.07	50.87 3.24 -10.93	45.58 3.51 0.00	42.96 3.22 0.00	32.46 2.36 0.00	31.80 2.16 0.00	30.63 2.10 0.00
AST_ENERGY_2_CC4 323678	43.07 2.32 0.00	38.30 1.96 0.00	37.20 1.83 0.00	34.98 1.56 0.00	36.32 1.46 0.00	29.93 1.32 0.00	29.28 1.43 -2.55	48.72 2.16 -15.31	38.99 2.92 0.00	41.78 3.17 0.00	42.35 3.40 0.00	43.82 3.72 0.00	44.29 3.92 0.00	49.89 4.11 0.00	67.28 5.48 0.00	49.22 4.20 0.00	54.57 4.85 0.00	62.00 4.10 -15.07	50.87 3.24 -10.93	45.58 3.51 0.00	42.96 3.22 0.00	32.46 2.36 0.00	31.80 2.16 0.00	30.63 2.10 0.00

ATHENS_STG_1 23668	42.02 1.27 0.00	37.49 1.15 0.00	36.56 1.19 0.00	34.49 1.07 0.00	35.85 0.99 0.00	29.39 0.77 0.00	26.59 0.74 -0.55	35.66 1.14 -3.29	37.55 1.48 0.00	40.15 1.55 0.00	40.46 1.50 0.00	41.70 1.61 0.00	42.05 1.68 0.00	47.60 1.81 0.00	64.29 2.49 0.00	46.85 1.83 0.00	51.74 2.03 0.00	48.85 1.73 -4.30	41.24 1.41 -3.13	43.62 1.54 0.00	41.18 1.44 0.00	31.25 1.15 0.00	30.68 1.05 0.00	29.54 1.01 0.00
ATHENS_STG_2 23670	42.02 1.27 0.00	37.49 1.15 0.00	36.56 1.19 0.00	34.49 1.07 0.00	35.85 0.99 0.00	29.39 0.77 0.00	26.59 0.74 -0.55	35.66 1.14 -3.29	37.55 1.48 0.00	40.15 1.55 0.00	40.46 1.50 0.00	41.70 1.61 0.00	42.05 1.68 0.00	47.60 1.81 0.00	64.29 2.49 0.00	46.85 1.83 0.00	51.74 2.03 0.00	48.85 1.73 -4.30	41.24 1.41 -3.13	43.62 1.54 0.00	41.18 1.44 0.00	31.25 1.15 0.00	30.68 1.05 0.00	29.54 1.01 0.00
ATHENS_STG_3 23677	42.02 1.27 0.00	37.49 1.15 0.00	36.56 1.19 0.00	34.49 1.07 0.00	35.85 0.99 0.00	29.39 0.77 0.00	26.59 0.74 -0.55	35.66 1.14 -3.29	37.55 1.48 0.00	40.15 1.55 0.00	40.46 1.50 0.00	41.70 1.61 0.00	42.05 1.68 0.00	47.60 1.81 0.00	64.29 2.49 0.00	46.85 1.83 0.00	51.74 2.03 0.00	48.85 1.73 -4.30	41.24 1.41 -3.13	43.62 1.54 0.00	41.18 1.44 0.00	31.25 1.15 0.00	30.68 1.05 0.00	29.54 1.01 0.00
AUBURN___LFGE 323710	43.09 1.38 -0.96	37.51 0.84 -0.33	36.19 0.67 -0.15	34.34 0.56 -0.36	36.82 0.28 -1.68	29.60 0.41 -0.57	25.76 0.46 0.00	32.39 0.92 -0.23	37.34 1.03 -0.24	41.95 1.10 -2.24	42.56 1.31 -2.30	44.03 1.44 -2.49	42.29 1.45 -0.47	50.47 1.33 -3.36	69.80 2.11 -5.90	49.84 1.54 -3.28	55.27 1.57 -3.98	47.28 1.54 -2.91	40.20 1.53 -1.97	46.26 1.40 -2.79	43.39 1.18 -2.46	31.88 0.89 -0.89	31.35 0.85 -0.86	29.74 0.59 -0.63
BABYLON_RES_REC 323704	47.60 2.97 -3.88	38.77 2.43 0.00	37.70 2.33 0.00	35.40 1.98 0.00	36.72 1.86 0.00	30.26 1.65 0.00	29.59 1.71 -2.58	49.12 2.42 -15.45	39.21 3.14 0.00	42.86 3.47 -0.78	62.42 4.10 -19.37	95.88 4.43 -51.36	105.94 4.60 -60.97	169.56 4.97 -118.81	239.26 6.67 -170.80	242.05 5.04 -191.99	267.02 5.84 -211.47	227.13 5.02 -179.27	203.65 4.04 -162.90	60.86 4.29 -14.50	62.75 3.79 -19.22	36.28 2.69 -3.49	32.25 2.56 -0.06	31.21 2.44 -0.24
BABYLON__69_KV_BK2 356345	48.11 3.48 -3.88	39.20 2.85 0.00	38.10 2.73 0.00	35.77 2.35 0.00	37.09 2.23 0.00	30.56 1.95 0.00	29.87 1.99 -2.58	49.49 2.79 -15.45	39.69 3.61 0.00	43.51 4.06 -0.85	63.38 4.74 -19.70	119.41 5.09 -74.23	121.37 5.18 -75.82	184.15 5.60 -132.77	240.58 7.51 -171.27	244.50 5.66 -193.83	267.34 6.52 -211.11	232.36 5.61 -183.92	212.88 4.53 -171.66	89.43 4.85 -42.51	97.48 4.30 -53.44	41.88 3.07 -8.71	32.76 2.98 -0.15	31.99 2.85 -0.62
BALL_HILL_WT_PWR 323825	43.66 2.90 0.00	37.88 1.54 0.00	36.42 1.05 0.00	34.18 0.76 0.00	35.05 0.19 0.00	29.01 0.40 0.00	25.77 0.46 0.00	32.69 1.45 0.00	37.79 1.72 0.00	41.08 2.48 0.00	41.76 2.81 0.00	43.04 2.95 0.00	43.29 2.92 0.00	47.96 2.18 0.00	64.53 2.74 0.00	46.72 1.71 0.00	51.70 1.99 0.00	44.58 1.75 0.00	38.16 1.46 0.00	43.58 1.51 0.00	40.95 1.20 -0.01	30.83 0.73 0.00	30.61 0.98 0.00	29.49 0.97 0.00
BARON_WINDS___WT_PWR 323822	43.22 2.23 -0.24	37.66 1.24 -0.08	36.31 0.91 -0.04	34.20 0.69 -0.09	35.61 0.34 -0.41	29.24 0.48 -0.14	25.84 0.54 0.00	32.64 1.34 -0.06	37.67 1.54 -0.06	41.21 2.06 -0.55	41.56 2.03 -0.57	42.96 2.26 -0.62	42.71 2.22 -0.12	48.52 1.91 -0.83	65.81 2.54 -1.48	47.23 1.39 -0.82	52.07 1.37 -0.99	45.20 1.65 -0.72	38.73 1.54 -0.49	44.31 1.55 -0.69	41.58 1.22 -0.61	31.07 0.75 -0.22	30.80 0.95 -0.21	29.60 0.92 -0.16
BARRETT_IC_1 23704	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_10 23701	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	86.89 3.95 -42.57	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	101.99 3.36 -61.92	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_11 23702	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	86.89 3.95 -42.57	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	101.99 3.36 -61.92	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_12 23703	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	86.89 3.95 -42.57	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	101.99 3.36 -61.92	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_2 23705	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_3 23706	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_4 23707	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00

BARRETT_IC_5 23708	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_6 23709	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_7 23710	47.37 2.73 -3.88	38.60 2.26 0.00	37.52 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.54 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.10 -0.75	61.76 3.60 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.41 4.19 -102.44	231.84 5.67 -164.37	234.79 4.34 -185.44	264.09 4.98 -209.39	222.89 4.24 -175.82	201.16 3.37 -161.09	45.98 3.57 -0.33	42.89 3.14 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_8 23711	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT_IC_9 23700	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	86.89 3.95 -42.57	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	101.99 3.36 -61.92	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT___1 23545	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	97.28 3.95 -52.96	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	201.16 3.36 -161.09	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BARRETT___2 23546	47.37 2.73 -3.88	38.60 2.26 0.00	37.53 2.16 0.00	35.26 1.84 0.00	36.59 1.73 0.00	30.15 1.53 0.00	29.44 1.56 -2.58	48.87 2.17 -15.45	38.91 2.84 0.00	42.45 3.09 -0.75	61.76 3.59 -19.22	83.57 3.89 -39.59	86.89 3.95 -42.57	152.40 4.18 -102.44	231.85 5.68 -164.38	234.79 4.33 -185.44	264.09 4.99 -209.40	222.89 4.24 -175.82	101.99 3.36 -61.92	45.98 3.57 -0.33	42.89 3.15 0.00	32.68 2.25 -0.33	31.91 2.27 -0.01	30.69 2.17 0.00
BATAVIA__115KV_TB1 55881	44.20 3.45 0.00	38.38 2.03 0.00	36.87 1.50 0.00	34.55 1.13 0.00	35.38 0.52 0.00	29.29 0.67 0.00	26.07 0.77 0.00	33.06 1.82 0.00	38.09 2.02 0.00	41.19 2.59 0.00	41.78 2.83 0.00	42.87 2.78 0.00	43.27 2.90 0.00	48.30 2.53 0.00	64.91 3.12 0.00	47.09 2.08 0.00	52.07 2.36 0.00	45.17 2.34 0.00	38.44 1.74 0.00	43.97 1.89 0.00	41.32 1.57 0.00	31.27 1.17 0.00	30.99 1.36 0.00	29.84 1.32 0.00
BAYONEEC___CTG1 323682	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG10 323750	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG2 323683	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG3 323684	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG4 323685	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG5 323686	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG6 323687	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00

BAYONEEC___CTG7 323688	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG8 323689	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BAYONEEC___CTG9 323749	43.15 2.40 0.00	38.35 2.01 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.98 1.36 0.00	29.31 1.46 -2.55	48.77 2.21 -15.31	39.06 2.98 0.00	41.85 3.24 0.00	42.40 3.45 0.00	43.87 3.77 0.00	44.34 3.97 0.00	49.92 4.15 0.00	67.33 5.54 0.00	49.25 4.23 0.00	54.60 4.89 0.00	62.03 4.13 -15.07	50.92 3.29 -10.93	45.65 3.58 0.00	43.07 3.32 0.00	32.52 2.42 0.00	31.85 2.22 0.00	30.68 2.16 0.00
BEACON___LESR 323632	42.23 1.48 0.00	37.77 1.43 0.00	36.83 1.46 0.00	34.71 1.29 0.00	36.08 1.22 0.00	29.58 0.96 0.00	26.64 0.91 -0.42	35.14 1.35 -2.54	37.58 1.51 0.00	40.03 1.43 0.00	40.23 1.28 0.00	41.33 1.24 0.00	41.62 1.25 0.00	47.52 1.74 0.00	64.18 2.39 0.00	46.58 1.57 0.00	51.17 1.46 0.00	47.78 1.26 -3.69	40.55 1.13 -2.72	43.43 1.36 0.00	41.03 1.29 0.00	31.14 1.04 0.00	30.68 1.05 0.00	29.50 0.98 0.00
BEAVER RIVER___HYD 24048	43.29 1.98 -0.56	38.04 1.51 -0.19	36.78 1.33 -0.09	34.84 1.21 -0.21	37.12 1.29 -0.97	30.09 1.14 -0.33	26.41 1.11 0.00	32.74 1.36 -0.13	37.60 1.39 -0.14	41.31 1.40 -1.30	41.88 1.59 -1.34	42.86 1.32 -1.45	41.68 1.04 -0.27	48.99 1.26 -1.95	63.73 1.17 -0.76	46.64 0.99 -0.63	53.23 1.21 -2.31	45.64 1.12 -1.69	39.31 1.47 -1.15	45.50 1.81 -1.62	43.06 1.88 -1.43	32.08 1.47 -0.52	31.52 1.38 -0.50	30.10 1.22 -0.37
BEEBEE_GT_13 23619	42.76 2.01 0.00	37.41 1.07 0.00	36.07 0.70 0.00	33.88 0.46 0.00	34.87 0.00 0.00	28.78 0.17 0.00	25.58 0.28 0.00	32.22 0.98 0.00	37.21 1.14 0.00	40.14 1.54 0.00	40.74 1.79 0.00	41.88 1.79 0.00	42.32 1.95 0.00	47.40 1.62 0.00	63.74 1.95 0.00	46.28 1.26 0.00	51.13 1.42 0.00	44.20 1.37 0.00	37.72 1.02 0.00	43.16 1.08 0.00	40.47 0.72 0.00	30.58 0.48 0.00	30.25 0.62 0.00	29.10 0.58 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.73 2.97 0.00	38.85 2.50 0.00	37.71 2.35 0.00	35.44 2.02 0.00	36.78 1.92 0.00	30.35 1.73 0.00	29.68 1.83 -2.55	49.21 2.65 -15.31	39.61 3.52 -0.02	61.30 3.81 -18.89	53.67 3.99 -10.73	55.90 4.38 -11.43	73.41 4.61 -28.44	73.37 4.88 -22.71	75.43 6.39 -7.25	84.47 4.95 -34.51	79.11 5.63 -23.76	86.93 4.68 -39.42	86.61 3.70 -46.21	89.93 4.01 -43.85	89.89 3.71 -46.43	89.75 2.74 -56.91	83.40 2.55 -51.22	67.78 2.54 -36.72
BETHLEHEM___GRP 23843	41.52 0.78 0.00	37.21 0.87 0.00	36.39 1.03 0.00	34.32 0.90 0.00	35.70 0.84 0.00	29.23 0.61 0.00	26.22 0.50 -0.42	34.55 0.78 -2.52	36.88 0.81 0.00	39.35 0.74 0.00	39.44 0.49 0.00	40.53 0.44 0.00	40.81 0.44 0.00	46.40 0.62 0.00	62.77 0.97 0.00	45.67 0.66 0.00	50.20 0.49 0.00	46.92 0.44 -3.65	39.80 0.41 -2.69	42.59 0.52 0.00	40.25 0.50 0.00	30.58 0.48 0.00	30.10 0.47 0.00	28.99 0.47 0.00
BETHLEHEM___GS1 323560	41.53 0.77 0.00	37.21 0.87 0.00	36.39 1.03 0.00	34.32 0.90 0.00	35.70 0.84 0.00	29.23 0.61 0.00	26.22 0.50 -0.42	34.55 0.78 -2.52	36.88 0.81 0.00	39.35 0.74 0.00	39.44 0.49 0.00	40.53 0.44 0.00	40.81 0.44 0.00	46.40 0.62 0.00	62.77 0.97 0.00	45.67 0.65 0.00	50.20 0.49 0.00	46.92 0.44 -3.65	39.80 0.41 -2.69	42.59 0.52 0.00	40.25 0.50 0.00	30.58 0.48 0.00	30.10 0.47 0.00	28.99 0.47 0.00
BETHLEHEM___GS2 323561	41.53 0.77 0.00	37.21 0.87 0.00	36.39 1.03 0.00	34.32 0.90 0.00	35.70 0.84 0.00	29.23 0.61 0.00	26.22 0.50 -0.42	34.55 0.78 -2.52	36.88 0.81 0.00	39.35 0.74 0.00	39.44 0.49 0.00	40.53 0.44 0.00	40.81 0.44 0.00	46.40 0.62 0.00	62.77 0.97 0.00	45.67 0.65 0.00	50.20 0.49 0.00	46.92 0.44 -3.65	39.80 0.41 -2.69	42.59 0.52 0.00	40.25 0.50 0.00	30.58 0.48 0.00	30.10 0.47 0.00	28.99 0.47 0.00
BETHLEHEM___GS3 323562	41.53 0.77 0.00	37.21 0.87 0.00	36.39 1.03 0.00	34.32 0.90 0.00	35.70 0.84 0.00	29.23 0.61 0.00	26.22 0.50 -0.42	34.55 0.78 -2.52	36.88 0.81 0.00	39.35 0.74 0.00	39.44 0.49 0.00	40.53 0.44 0.00	40.81 0.44 0.00	46.40 0.62 0.00	62.77 0.97 0.00	45.67 0.65 0.00	50.20 0.49 0.00	46.92 0.44 -3.65	39.80 0.41 -2.69	42.59 0.52 0.00	40.25 0.50 0.00	30.58 0.48 0.00	30.10 0.47 0.00	28.99 0.47 0.00
BETHLEHEM___STEEL 23779	43.65 2.90 0.00	37.87 1.52 0.00	36.39 1.03 0.00	34.13 0.71 0.00	34.92 0.06 0.00	28.90 0.29 0.00	25.69 0.39 0.00	32.62 1.38 0.00	37.70 1.63 0.00	40.91 2.30 0.00	41.63 2.68 0.00	42.84 2.75 0.00	43.17 2.80 0.00	47.89 2.11 0.00	64.28 2.48 0.00	46.54 1.52 0.00	51.44 1.73 0.00	44.34 1.51 0.00	37.89 1.19 0.00	43.30 1.22 0.00	40.63 0.87 -0.01	30.65 0.55 0.00	30.47 0.84 0.00	29.39 0.87 0.00
BETHLHEM_115KV_TB1 79974	41.61 0.86 0.00	37.26 0.92 0.00	36.42 1.05 0.00	34.35 0.93 0.00	35.72 0.86 0.00	29.26 0.64 0.00	26.26 0.54 -0.42	34.58 0.83 -2.51	36.96 0.89 0.00	39.45 0.84 0.00	39.56 0.61 0.00	40.66 0.56 0.00	40.94 0.57 0.00	46.54 0.76 0.00	62.94 1.15 0.00	45.80 0.79 0.00	50.37 0.66 0.00	47.04 0.58 -3.62	39.89 0.52 -2.67	42.71 0.64 0.00	40.37 0.62 0.00	30.67 0.57 0.00	30.18 0.55 0.00	29.07 0.55 0.00
BETHPAGE_CC_5 323564	47.29 2.65 -3.88	38.51 2.17 0.00	37.44 2.08 0.00	35.18 1.76 0.00	36.51 1.65 0.00	30.07 1.45 0.00	29.42 1.55 -2.58	48.91 2.21 -15.45	38.96 2.89 0.00	42.56 3.20 -0.76	61.99 3.77 -19.26	88.38 4.15 -44.14	101.46 4.37 -56.71	167.76 4.72 -117.26	241.05 6.33 -172.93	243.39 4.79 -193.58	267.64 5.54 -212.38	227.78 4.73 -180.22	205.24 3.77 -164.76	51.58 3.96 -5.54	51.93 3.48 -8.70	34.54 2.47 -1.97	32.00 2.33 -0.04	30.88 2.22 -0.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.81 3.06 0.00	38.01 1.67 0.00	36.52 1.16 0.00	34.25 0.83 0.00	35.06 0.20 0.00	29.01 0.40 0.00	25.79 0.49 0.00	32.75 1.51 0.00	37.87 1.80 0.00	41.10 2.50 0.00	41.83 2.88 0.00	43.06 2.97 0.00	43.40 3.03 0.00	48.17 2.38 0.00	64.68 2.89 0.00	46.81 1.79 0.00	51.79 2.08 0.00	44.63 1.80 0.00	38.13 1.43 0.00	43.55 1.48 0.00	40.87 1.11 -0.01	30.81 0.71 0.00	30.63 1.00 0.00	29.53 1.00 0.00

BINGHAMTON___COGEN 23790	42.55 1.37 -0.43	37.34 0.85 -0.14	36.15 0.72 -0.07	34.19 0.62 -0.16	36.09 0.48 -0.75	29.35 0.48 -0.25	25.78 0.48 0.00	32.35 1.00 -0.10	37.40 1.22 -0.11	41.15 1.53 -1.01	41.54 1.56 -1.03	42.98 1.78 -1.11	42.37 1.79 -0.21	49.05 1.77 -1.50	66.81 2.38 -2.64	48.12 1.64 -1.47	53.38 1.89 -1.78	45.83 1.69 -1.30	39.11 1.52 -0.88	44.83 1.51 -1.25	42.10 1.26 -1.10	31.33 0.83 -0.40	30.85 0.83 -0.39	29.53 0.73 -0.28
BIXINCNT_115KV_LOAD 355685	44.03 3.28 0.00	38.26 1.91 0.00	36.79 1.42 0.00	34.53 1.11 0.00	35.45 0.59 0.00	29.33 0.71 0.00	26.08 0.78 0.00	33.10 1.86 0.00	38.31 2.24 0.00	41.56 2.96 0.00	42.05 3.10 0.00	43.27 3.18 0.00	43.60 3.23 0.00	48.39 2.61 0.00	64.93 3.14 0.00	46.69 1.68 0.00	52.08 2.37 0.00	44.90 2.07 0.00	38.39 1.69 0.00	43.94 1.86 0.00	41.28 1.53 -0.01	31.11 1.01 0.00	30.90 1.27 0.00	29.79 1.26 0.00
BLACK RIVER___HYD 24047	44.22 2.52 -0.95	38.57 1.91 -0.32	37.18 1.67 -0.14	35.27 1.50 -0.35	38.05 1.54 -1.65	30.55 1.36 -0.57	26.64 1.34 0.00	33.24 1.78 -0.23	38.24 1.94 -0.23	42.88 2.07 -2.21	43.52 2.30 -2.27	44.51 1.97 -2.45	42.41 1.58 -0.46	51.07 1.98 -3.31	64.91 1.82 -1.30	47.79 1.51 -1.27	55.32 1.68 -3.93	47.32 1.61 -2.87	40.78 2.14 -1.94	47.32 2.50 -2.75	44.79 2.62 -2.43	33.00 2.02 -0.87	32.35 1.87 -0.85	30.73 1.59 -0.62
BLACKRVR_115KV_TB2 79977	44.22 2.52 -0.95	38.57 1.91 -0.32	37.18 1.67 -0.14	35.27 1.50 -0.35	38.05 1.54 -1.65	30.55 1.36 -0.57	26.64 1.34 0.00	33.24 1.78 -0.23	38.25 1.94 -0.23	42.88 2.07 -2.21	43.52 2.30 -2.27	44.51 1.96 -2.45	42.41 1.58 -0.46	51.07 1.98 -3.31	64.91 1.82 -1.30	47.79 1.51 -1.27	55.32 1.68 -3.93	47.32 1.61 -2.87	40.78 2.14 -1.94	47.32 2.50 -2.75	44.79 2.62 -2.43	33.00 2.02 -0.87	32.35 1.87 -0.85	30.73 1.59 -0.62
BLISS_WT_PWR 323608	44.03 3.28 0.00	38.26 1.92 0.00	36.79 1.42 0.00	34.53 1.11 0.00	35.45 0.59 0.00	29.32 0.71 0.00	26.07 0.77 0.00	33.10 1.86 0.00	38.31 2.24 0.00	41.58 2.97 0.00	42.05 3.10 0.00	43.26 3.17 0.00	43.59 3.22 0.00	48.38 2.60 0.00	64.89 3.10 0.00	46.59 1.57 0.00	52.07 2.36 0.00	44.91 2.07 0.00	38.36 1.66 0.00	43.92 1.84 0.00	41.27 1.52 -0.01	31.11 1.01 0.00	30.90 1.27 0.00	29.78 1.26 0.00
BLUESTONE___WT_PWR 323821	44.47 3.35 -0.37	39.13 2.66 -0.12	37.93 2.51 -0.06	35.82 2.26 -0.14	37.73 2.22 -0.65	30.79 1.96 -0.22	27.14 1.84 0.00	33.93 2.60 -0.09	39.12 2.95 -0.09	42.85 3.37 -0.87	43.33 3.50 -0.89	44.88 3.83 -0.96	44.57 4.02 -0.18	51.00 3.92 -1.30	68.57 4.49 -2.28	50.13 3.85 -1.27	55.69 4.44 -1.54	48.27 4.32 -1.12	41.31 3.85 -0.76	47.20 4.05 -1.08	44.60 3.90 -0.95	33.29 2.85 -0.34	32.50 2.53 -0.33	30.75 1.98 -0.24
BLUE_CIRC_CHEM_DRP 24182	42.05 1.30 0.00	37.67 1.33 0.00	36.80 1.43 0.00	34.73 1.32 0.00	36.14 1.28 0.00	29.58 0.96 0.00	26.48 0.80 -0.38	34.61 1.11 -2.27	37.15 1.08 0.00	39.51 0.90 0.00	39.59 0.63 0.00	40.60 0.51 0.00	40.88 0.51 0.00	46.63 0.85 0.00	63.28 1.49 0.00	46.09 1.07 0.00	50.33 0.61 0.00	46.92 0.53 -3.56	39.93 0.60 -2.63	42.96 0.88 0.00	40.63 0.88 0.00	30.92 0.82 0.00	30.49 0.86 0.00	29.37 0.84 0.00
BOC_GAS_DRP 24189	41.71 0.96 0.00	37.29 0.95 0.00	36.40 1.03 0.00	34.34 0.93 0.00	35.72 0.86 0.00	29.26 0.65 0.00	26.29 0.58 -0.41	34.55 0.87 -2.44	37.11 1.04 0.00	39.62 1.01 0.00	39.80 0.85 0.00	40.94 0.85 0.00	41.25 0.88 0.00	46.81 1.03 0.00	63.26 1.47 0.00	46.06 1.05 0.00	50.74 1.03 0.00	47.18 0.88 -3.47	40.02 0.76 -2.56	42.95 0.88 0.00	40.59 0.84 0.00	30.82 0.72 0.00	30.33 0.70 0.00	29.21 0.69 0.00
BOONVILLE_115KV_TB1 79983	42.92 1.91 -0.27	37.95 1.51 -0.09	36.79 1.38 -0.04	34.76 1.25 -0.10	36.58 1.25 -0.46	29.86 1.09 -0.16	26.30 1.00 0.00	32.61 1.30 -0.06	37.61 1.47 -0.07	40.77 1.55 -0.62	41.29 1.70 -0.64	42.41 1.63 -0.69	42.01 1.51 -0.13	48.44 1.72 -0.93	64.33 2.17 -0.36	46.94 1.63 -0.30	52.79 1.97 -1.11	45.40 1.76 -0.81	38.96 1.71 -0.55	44.84 2.00 -0.77	42.39 1.96 -0.68	31.81 1.47 -0.25	31.23 1.36 -0.24	29.96 1.27 -0.17
BORALEX_4TH_BRANCH 23824	43.10 2.35 0.00	38.52 2.17 0.00	37.48 2.12 0.00	35.33 1.91 0.00	36.74 1.87 0.00	30.00 1.39 0.00	27.11 1.32 -0.49	36.06 1.88 -2.94	38.17 2.09 0.00	40.53 1.92 0.00	40.53 1.58 0.00	41.57 1.48 0.00	41.76 1.40 0.00	47.59 1.82 0.00	64.42 2.63 0.00	46.88 1.87 0.00	51.59 1.88 0.00	48.82 1.72 -4.26	41.42 1.57 -3.15	44.13 2.06 0.00	41.68 1.94 0.00	31.69 1.59 0.00	31.13 1.50 0.00	30.00 1.48 0.00
BOWLINE___1 23526	42.50 1.74 0.00	37.80 1.45 0.00	36.77 1.40 0.00	34.62 1.21 0.00	35.96 1.09 0.00	29.63 1.01 0.00	22.36 1.09 4.03	8.67 1.58 24.15	38.26 2.18 0.00	41.01 2.40 0.00	41.54 2.59 0.00	42.97 2.88 0.00	43.45 3.08 0.00	49.04 3.26 0.00	66.16 4.37 0.00	48.38 3.36 0.00	53.64 3.93 0.00	65.43 3.37 -19.23	53.87 2.71 -14.46	44.94 2.87 0.00	42.35 2.60 0.00	31.99 1.89 0.00	31.31 1.67 0.00	30.14 1.61 0.00
BOWLINE___2 23595	42.50 1.75 0.00	37.82 1.47 0.00	36.79 1.42 0.00	34.63 1.21 0.00	35.96 1.10 0.00	29.64 1.03 0.00	22.36 1.09 4.03	8.65 1.58 24.18	38.26 2.19 0.00	41.01 2.41 0.00	41.55 2.59 0.00	42.97 2.88 0.00	43.46 3.09 0.00	49.04 3.26 0.00	66.18 4.39 0.00	48.39 3.37 0.00	53.64 3.93 0.00	65.37 3.37 -19.16	53.82 2.72 -14.41	44.94 2.87 0.00	42.35 2.60 0.00	31.99 1.90 0.00	31.31 1.68 0.00	30.14 1.61 0.00
BRADY___115KV_TB2 356060	40.25 -0.50 0.00	35.93 -0.41 0.00	34.90 -0.47 0.00	33.07 -0.34 0.00	34.84 -0.02 0.00	28.62 0.00 0.00	25.29 -0.02 0.00	30.73 -0.51 0.00	35.04 -1.03 0.00	37.28 -1.33 0.00	37.67 -1.29 0.00	38.49 -1.60 0.00	38.50 -1.87 0.00	43.81 -1.97 0.00	59.11 -2.68 0.00	43.15 -1.87 0.00	47.87 -1.84 0.00	40.91 -1.92 0.00	35.37 -1.34 0.00	40.93 -1.15 0.00	38.82 -0.93 0.00	29.47 -0.63 0.00	29.10 -0.53 0.00	28.08 -0.45 0.00
BRANSCOMB___SOLAR 323811	43.24 2.49 0.00	38.58 2.24 0.00	37.51 2.15 0.00	35.35 1.94 0.00	36.77 1.91 0.00	30.19 1.57 0.00	27.24 1.53 -0.41	35.78 2.09 -2.45	38.47 2.40 0.00	41.03 2.43 0.00	41.04 2.08 0.00	42.02 1.93 0.00	42.23 1.86 0.00	48.00 2.22 0.00	65.44 3.64 0.00	47.60 2.58 0.00	52.19 2.48 0.00	48.84 2.49 -3.51	41.48 2.19 -2.59	44.62 2.55 0.00	42.16 2.42 0.00	31.99 1.89 0.00	31.41 1.78 0.00	30.21 1.69 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.81 3.17 -3.88	38.97 2.62 0.00	37.87 2.50 0.00	35.56 2.14 0.00	36.90 2.04 0.00	30.39 1.77 0.00	29.71 1.84 -2.58	49.23 2.54 -15.45	39.35 3.28 0.00	43.11 3.65 -0.85	62.97 4.32 -19.70	137.50 4.59 -92.82	120.10 4.49 -75.25	179.85 4.76 -129.31	236.82 6.34 -168.69	241.10 4.78 -191.31	265.46 5.53 -210.21	226.61 4.74 -179.03	205.78 3.82 -165.26	90.84 4.06 -44.71	103.31 3.58 -59.99	42.81 2.54 -10.16	32.44 2.63 -0.18	31.86 2.58 -0.75

BRISTLHL_115KV_TB1 79998	42.82 -0.02 -2.09	36.81 -0.23 -0.70	35.37 -0.32 -0.32	33.82 -0.37 -0.77	37.97 -0.52 -3.63	29.48 -0.38 -1.24	25.04 -0.26 0.00	31.65 -0.09 -0.50	36.50 -0.09 -0.51	43.49 0.03 -4.85	44.02 0.08 -4.99	45.60 0.12 -5.40	41.45 0.07 -1.01	53.01 -0.05 -7.29	66.92 1.18 -3.95	50.32 0.36 -4.94	58.39 0.05 -8.63	49.26 0.12 -6.31	41.13 0.15 -4.27	48.23 0.11 -6.04	45.10 0.01 -5.34	31.98 -0.05 -1.93	31.42 -0.08 -1.87	29.76 -0.13 -1.36
BROOKHAVEN___DRP 24191	47.52 2.89 -3.88	38.71 2.37 0.00	37.60 2.23 0.00	35.28 1.86 0.00	36.60 1.74 0.00	30.16 1.54 0.00	29.54 1.66 -2.58	49.09 2.40 -15.45	39.28 3.20 0.00	43.46 3.61 -1.24	64.67 4.20 -21.52	202.49 4.65 -157.74	204.99 4.79 -159.84	264.95 5.10 -214.07	244.86 6.66 -176.41	256.36 5.01 -206.33	265.44 5.76 -209.97	254.51 5.02 -206.66	262.52 4.07 -221.74	248.77 4.39 -202.30	298.48 3.99 -254.75	73.08 2.82 -40.16	32.94 2.63 -0.68	34.03 2.57 -2.94
BROOKLYN_NAVY_YARD 23515	43.16 2.41 0.00	38.37 2.03 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.38 1.52 0.00	29.99 1.37 0.00	29.34 1.48 -2.55	48.78 2.23 -15.31	39.07 3.00 0.00	41.85 3.25 0.00	42.44 3.49 0.00	43.92 3.83 0.00	44.64 4.03 -0.24	50.02 4.24 0.00	67.48 5.68 0.00	49.36 4.34 0.00	54.72 5.01 0.00	62.14 4.25 -15.07	53.28 3.35 -13.23	45.70 3.62 0.00	43.08 3.34 0.00	32.53 2.43 0.00	31.86 2.23 0.00	30.71 2.19 0.00
BROOKLYN___ARMY_DRP 323595	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.76 5.72 -7.25	83.98 4.45 -34.51	78.56 5.09 -23.76	86.46 4.21 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.31 -46.43	89.46 2.45 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
BROOKVLE_69_KV_TB1 55790	47.67 3.04 -3.88	38.86 2.51 0.00	37.90 2.53 0.00	35.60 2.18 0.00	36.94 2.08 0.00	30.44 1.83 0.00	29.75 1.87 -2.58	49.34 2.64 -15.45	39.38 3.30 0.00	43.04 3.68 -0.75	62.44 4.27 -19.22	84.39 4.71 -39.59	108.89 5.01 -63.52	201.73 5.43 -150.53	267.78 7.30 -198.68	268.30 5.50 -217.78	277.37 6.32 -221.33	240.36 5.37 -192.16	246.77 4.32 -205.75	46.95 4.54 -0.33	43.78 4.04 0.00	33.28 2.86 -0.33	32.31 2.67 -0.01	31.03 2.51 0.00
BROOME_2_LFGE 323671	42.55 1.37 -0.43	37.34 0.85 -0.14	36.15 0.72 -0.07	34.19 0.62 -0.16	36.09 0.48 -0.75	29.35 0.48 -0.25	25.78 0.48 0.00	32.35 1.00 -0.10	37.40 1.22 -0.11	41.15 1.53 -1.01	41.54 1.56 -1.03	42.98 1.78 -1.11	42.37 1.79 -0.21	49.04 1.76 -1.50	66.82 2.38 -2.64	48.12 1.64 -1.47	53.38 1.88 -1.78	45.83 1.70 -1.30	39.11 1.52 -0.88	44.83 1.51 -1.25	42.10 1.26 -1.10	31.33 0.83 -0.40	30.85 0.83 -0.39	29.53 0.73 -0.28
BROOME___LFGE 323600	42.55 1.37 -0.43	37.34 0.85 -0.14	36.15 0.72 -0.07	34.19 0.62 -0.16	36.09 0.48 -0.75	29.35 0.48 -0.25	25.78 0.48 0.00	32.35 1.00 -0.10	37.40 1.22 -0.11	41.15 1.53 -1.01	41.54 1.56 -1.03	42.98 1.78 -1.11	42.37 1.79 -0.21	49.04 1.76 -1.50	66.82 2.38 -2.64	48.12 1.64 -1.47	53.38 1.88 -1.78	45.83 1.70 -1.30	39.11 1.52 -0.88	44.83 1.51 -1.25	42.10 1.26 -1.10	31.33 0.83 -0.40	30.85 0.83 -0.39	29.53 0.73 -0.28
BROWNFLS_115KV_TB_3_5 80003	41.85 0.72 -0.38	36.98 0.50 -0.13	35.80 0.38 -0.06	33.93 0.37 -0.14	36.07 0.54 -0.67	29.35 0.51 -0.23	25.79 0.48 0.00	31.70 0.37 -0.09	36.21 0.04 -0.09	39.45 -0.05 -0.89	39.94 0.07 -0.91	40.82 -0.26 -0.99	40.05 -0.51 -0.19	46.66 -0.45 -1.34	61.30 -1.02 -0.52	44.86 -0.58 -0.43	50.75 -0.55 -1.58	43.48 -0.51 -1.16	37.42 -0.07 -0.78	43.31 0.12 -1.11	41.02 0.30 -0.98	30.76 0.31 -0.35	30.30 0.33 -0.34	29.09 0.32 -0.25
BROWNSV1_27_KV_LOAD 356125	43.62 2.87 0.00	38.76 2.42 0.00	37.63 2.26 0.00	35.38 1.96 0.00	36.72 1.86 0.00	30.27 1.65 0.00	29.59 1.74 -2.55	49.13 2.58 -15.31	39.48 3.41 0.00	42.33 3.73 0.00	42.94 3.98 0.00	44.44 4.35 0.00	44.93 4.57 0.00	50.63 4.85 0.00	68.30 6.51 0.00	50.07 5.06 0.00	55.59 5.87 0.00	62.89 4.99 -15.07	51.60 3.97 -10.93	46.41 4.33 0.00	43.71 3.97 0.00	33.01 2.91 0.00	32.32 2.69 0.00	31.11 2.59 0.00
BURROWS___LYONSDAL 23803	43.02 1.95 -0.32	37.99 1.54 -0.11	36.80 1.39 -0.05	34.80 1.26 -0.12	36.71 1.29 -0.57	29.93 1.12 -0.19	26.34 1.04 0.00	32.66 1.34 -0.08	37.62 1.47 -0.08	40.90 1.54 -0.75	41.43 1.70 -0.78	42.52 1.59 -0.84	41.97 1.44 -0.16	48.55 1.64 -1.13	64.22 1.99 -0.44	46.89 1.51 -0.37	52.89 1.84 -1.34	45.45 1.64 -0.98	39.04 1.67 -0.67	45.00 1.99 -0.94	42.54 1.97 -0.83	31.89 1.50 -0.30	31.30 1.38 -0.29	30.01 1.28 -0.21
CAITHNESS_CC_1 323624	47.52 2.89 -3.88	38.71 2.37 0.00	37.61 2.24 0.00	35.29 1.87 0.00	36.61 1.75 0.00	30.16 1.55 0.00	29.53 1.66 -2.58	49.07 2.37 -15.45	39.23 3.16 0.00	43.39 3.55 -1.24	64.61 4.16 -21.51	201.73 4.54 -157.10	204.25 4.68 -159.20	264.14 4.99 -213.37	244.65 6.53 -176.33	256.12 4.91 -206.19	265.31 5.64 -209.97	253.57 4.88 -205.85	261.62 3.97 -220.95	248.21 4.28 -201.86	299.17 3.86 -255.57	73.29 2.72 -40.46	32.89 2.57 -0.69	34.00 2.50 -2.98
CALPINE BETH_PAGE_GT4 24209	47.29 2.66 -3.88	38.52 2.18 0.00	37.46 2.09 0.00	35.18 1.76 0.00	36.51 1.65 0.00	30.07 1.46 0.00	29.42 1.55 -2.58	48.91 2.21 -15.45	38.95 2.88 0.00	42.56 3.20 -0.76	61.97 3.77 -19.25	87.26 4.14 -43.02	102.04 4.37 -57.30	171.46 4.72 -120.96	244.09 6.33 -175.97	246.23 4.79 -196.42	268.70 5.55 -213.44	229.17 4.75 -181.59	210.12 3.77 -169.64	50.37 3.96 -4.33	49.91 3.48 -6.68	34.16 2.47 -1.59	31.99 2.33 -0.03	30.86 2.23 -0.11
CALPINE_BETH_PAGE_GT_4 323586	47.29 2.66 -3.88	38.52 2.18 0.00	37.46 2.09 0.00	35.18 1.76 0.00	36.51 1.65 0.00	30.07 1.46 0.00	29.42 1.55 -2.58	48.91 2.21 -15.45	38.96 2.89 0.00	42.56 3.20 -0.76	61.97 3.77 -19.25	87.25 4.14 -43.02	102.05 4.37 -57.30	171.46 4.72 -120.96	244.09 6.33 -175.97	246.23 4.80 -196.42	268.70 5.55 -213.45	229.16 4.73 -181.59	210.12 3.77 -169.64	50.37 3.96 -4.33	49.91 3.48 -6.68	34.17 2.47 -1.59	31.99 2.33 -0.03	30.86 2.23 -0.11
CALPINE_BP_GT1 23823	47.29 2.66 -3.88	38.52 2.18 0.00	37.46 2.09 0.00	35.18 1.76 0.00	36.51 1.65 0.00	30.07 1.46 0.00	29.42 1.55 -2.58	48.91 2.21 -15.45	38.96 2.89 0.00	42.56 3.20 -0.76	61.97 3.77 -19.25	87.25 4.14 -43.02	102.05 4.37 -57.30	171.46 4.72 -120.96	244.09 6.33 -175.97	246.23 4.80 -196.42	268.70 5.55 -213.45	229.16 4.73 -181.59	210.12 3.77 -169.64	50.37 3.96 -4.33	49.91 3.48 -6.68	34.17 2.47 -1.59	31.99 2.33 -0.03	30.86 2.23 -0.11
CALSPAN___DRP 24200	43.65 2.90 0.00	37.87 1.52 0.00	36.39 1.03 0.00	34.13 0.71 0.00	34.92 0.06 0.00	28.90 0.29 0.00	25.69 0.39 0.00	32.62 1.38 0.00	37.70 1.63 0.00	40.91 2.30 0.00	41.63 2.68 0.00	42.84 2.75 0.00	43.17 2.80 0.00	47.89 2.11 0.00	64.28 2.48 0.00	46.54 1.52 0.00	51.44 1.73 0.00	44.34 1.51 0.00	37.89 1.19 0.00	43.30 1.22 0.00	40.63 0.87 -0.01	30.65 0.55 0.00	30.47 0.84 0.00	29.39 0.87 0.00

CALVERTON___SOLAR 323806	47.56 2.93 -3.88	38.74 2.40 0.00	37.62 2.26 0.00	35.28 1.87 0.00	36.61 1.75 0.00	30.17 1.55 0.00	29.55 1.68 -2.58	49.14 2.45 -15.45	39.38 3.31 0.00	43.59 3.74 -1.24	64.79 4.31 -21.52	202.91 4.80 -158.01	205.44 4.97 -160.11	265.43 5.30 -214.36	245.13 6.90 -176.44	256.60 5.19 -206.39	265.65 5.97 -209.97	255.03 5.23 -206.97	263.02 4.26 -222.05	249.20 4.58 -202.54	298.50 4.19 -254.56	73.12 2.95 -40.07	33.06 2.76 -0.68	34.14 2.68 -2.93
CANDIGU_WT_PWR 323617	43.22 2.23 -0.24	37.66 1.24 -0.08	36.31 0.91 -0.04	34.20 0.69 -0.09	35.61 0.34 -0.41	29.24 0.48 -0.14	25.84 0.54 0.00	32.64 1.34 -0.06	37.67 1.54 -0.06	41.21 2.06 -0.55	41.56 2.03 -0.57	42.96 2.26 -0.62	42.71 2.22 -0.12	48.52 1.91 -0.83	65.81 2.54 -1.48	47.23 1.39 -0.82	52.07 1.37 -0.99	45.20 1.65 -0.72	38.73 1.54 -0.49	44.31 1.55 -0.69	41.58 1.22 -0.61	31.07 0.75 -0.22	30.80 0.95 -0.21	29.60 0.92 -0.16
CARR STREET_E__SYR 24060	41.69 0.32 -0.63	36.59 0.03 -0.21	35.39 -0.08 -0.09	33.50 -0.15 -0.23	35.65 -0.30 -1.09	28.79 -0.20 -0.37	25.19 -0.11 0.00	31.53 0.14 -0.15	36.43 0.20 -0.15	40.42 0.36 -1.46	40.92 0.47 -1.50	42.25 0.53 -1.62	41.26 0.59 -0.30	48.51 0.54 -2.19	65.89 0.77 -3.33	47.48 0.51 -1.96	52.89 0.59 -2.59	45.31 0.59 -1.89	38.49 0.51 -1.28	44.36 0.47 -1.81	41.67 0.32 -1.60	30.85 0.17 -0.58	30.32 0.13 -0.56	29.00 0.07 -0.41
CARTHAGE___PAPER 23857	44.02 2.47 -0.80	38.49 1.88 -0.27	37.15 1.66 -0.12	35.22 1.51 -0.30	37.85 1.60 -1.39	30.49 1.40 -0.48	26.69 1.39 0.00	33.17 1.74 -0.19	38.10 1.84 -0.20	42.29 1.83 -1.86	42.94 2.08 -1.91	43.90 1.74 -2.06	42.12 1.36 -0.39	50.26 1.69 -2.79	64.46 1.58 -1.09	47.41 1.32 -1.07	54.58 1.57 -3.30	46.72 1.47 -2.42	40.26 1.93 -1.64	46.71 2.33 -2.31	44.21 2.42 -2.04	32.72 1.88 -0.74	32.13 1.78 -0.72	30.57 1.53 -0.52
CASSADAGA_WT_PWR 323784	44.76 4.01 0.00	38.81 2.47 0.00	37.28 1.92 0.00	35.00 1.58 0.00	35.94 1.08 0.00	29.71 1.10 0.00	26.39 1.09 0.00	33.43 2.19 0.00	38.75 2.68 0.00	42.37 3.76 0.00	43.12 4.17 0.00	44.53 4.44 0.00	44.74 4.37 0.00	49.00 3.22 0.00	66.09 4.30 0.00	47.89 2.88 0.00	52.94 3.23 0.00	45.63 2.79 0.00	39.18 2.47 0.00	44.86 2.78 0.00	42.47 2.72 -0.01	31.86 1.76 0.00	31.49 1.86 0.00	30.29 1.77 0.00
CE_DUNWOOD___DRP 24194	42.98 2.23 0.00	38.21 1.87 0.00	37.14 1.77 0.00	34.94 1.52 0.00	36.29 1.43 0.00	29.89 1.28 0.00	29.37 1.34 -2.72	49.56 1.98 -16.34	38.74 2.66 0.00	41.50 2.89 0.00	42.05 3.10 0.00	43.48 3.39 0.00	43.95 3.57 0.00	49.60 3.82 0.00	66.93 5.14 0.00	48.94 3.92 0.00	54.23 4.52 0.00	62.19 3.85 -15.50	51.00 3.07 -11.24	45.36 3.28 0.00	42.72 2.98 0.00	32.28 2.18 0.00	31.63 2.00 0.00	30.46 1.93 0.00
CE_MILLWOOD___DRP 24193	42.88 2.13 0.00	38.13 1.79 0.00	37.07 1.70 0.00	34.87 1.45 0.00	36.22 1.36 0.00	29.83 1.22 0.00	29.44 1.29 -2.85	50.22 1.89 -17.09	38.62 2.55 0.00	41.38 2.77 0.00	41.91 2.96 0.00	43.35 3.25 0.00	43.81 3.44 0.00	49.45 3.67 0.00	66.73 4.94 0.00	48.79 3.77 0.00	54.07 4.36 0.00	63.80 3.71 -17.26	51.38 2.97 -11.71	45.24 3.16 0.00	42.62 2.88 0.00	32.20 2.10 0.00	31.55 1.92 0.00	30.38 1.86 0.00
CE_NYC2_DRP 24202	43.17 2.42 0.00	38.38 2.04 0.00	37.26 1.89 0.00	35.05 1.63 0.00	36.39 1.53 0.00	30.01 1.39 0.00	29.35 1.50 -2.55	48.79 2.24 -15.31	39.08 3.01 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.90 3.80 0.00	44.36 3.99 0.00	49.86 4.08 0.00	67.21 5.43 0.00	49.24 4.23 0.00	54.56 4.84 0.00	61.88 3.99 -15.06	50.75 3.12 -10.93	45.44 3.37 0.00	42.88 3.14 0.00	32.42 2.32 0.00	31.77 2.14 0.00	30.69 2.16 0.00
CE_NYC_DRP 24195	43.21 2.47 0.00	38.42 2.08 0.00	37.32 1.95 0.00	35.09 1.67 0.00	36.44 1.58 0.00	30.03 1.42 0.00	29.36 1.51 -2.55	48.84 2.28 -15.32	39.12 3.05 0.00	41.93 3.33 0.00	42.52 3.56 0.00	43.99 3.90 0.00	44.46 4.08 0.00	50.10 4.32 0.00	67.57 5.77 0.00	49.42 4.40 0.00	54.78 5.07 0.00	62.20 4.30 -15.07	51.03 3.39 -10.93	45.75 3.68 0.00	43.12 3.38 0.00	32.57 2.47 0.00	31.90 2.27 0.00	30.74 2.22 0.00
CHAFFEE___LFGE 323603	43.88 3.13 0.00	38.06 1.71 0.00	36.60 1.23 0.00	34.32 0.90 0.00	35.14 0.28 0.00	29.08 0.46 0.00	25.86 0.56 0.00	32.82 1.58 0.00	37.92 1.85 0.00	41.18 2.58 0.00	41.93 2.98 0.00	43.17 3.08 0.00	43.50 3.13 0.00	48.30 2.51 0.00	64.90 3.11 0.00	46.96 1.95 0.00	51.93 2.21 0.00	44.81 1.97 0.00	38.26 1.55 0.00	43.67 1.60 0.00	40.98 1.23 -0.01	30.90 0.80 0.00	30.70 1.07 0.00	29.57 1.05 0.00
CHATEAUG_35_KV_LOAD 355732	40.28 -0.47 0.00	35.97 -0.37 0.00	34.93 -0.43 0.00	33.12 -0.30 0.00	34.87 0.01 0.00	28.60 -0.01 0.00	25.24 -0.06 0.00	30.88 -0.36 0.00	35.40 -0.67 0.00	37.67 -0.94 0.00	37.93 -1.02 0.00	38.97 -1.12 0.00	39.15 -1.22 0.00	44.70 -1.08 0.00	59.98 -1.81 0.00	44.03 -0.99 0.00	48.56 -1.15 0.00	41.48 -1.35 0.00	35.52 -1.18 0.00	41.05 -1.02 0.00	38.97 -0.77 0.00	29.52 -0.58 0.00	29.16 -0.47 0.00	28.11 -0.41 0.00
CHATEAUG_WT_PWR 323614	40.38 -0.37 0.00	36.08 -0.26 0.00	35.04 -0.32 0.00	33.21 -0.21 0.00	34.93 0.07 0.00	28.68 0.06 0.00	25.32 0.02 0.00	30.97 -0.27 0.00	35.54 -0.53 0.00	37.83 -0.78 0.00	38.08 -0.87 0.00	39.14 -0.96 0.00	39.37 -1.00 0.00	44.97 -0.81 0.00	60.30 -1.49 0.00	44.24 -0.78 0.00	48.73 -0.98 0.00	41.56 -1.27 0.00	35.60 -1.11 0.00	41.09 -0.98 0.00	29.54 -0.74 0.00	29.20 -0.56 0.00	28.17 -0.43 0.00	
CHAT_HIGH_FALL_HYD 323578	40.28 -0.47 0.00	35.97 -0.37 0.00	34.93 -0.43 0.00	33.12 -0.30 0.00	34.87 0.01 0.00	28.60 -0.01 0.00	25.24 -0.06 0.00	30.88 -0.36 0.00	35.40 -0.67 0.00	37.67 -0.94 0.00	37.93 -1.02 0.00	38.97 -1.12 0.00	39.15 -1.22 0.00	44.70 -1.08 0.00	59.98 -1.81 0.00	44.03 -0.99 0.00	48.56 -1.15 0.00	41.48 -1.35 0.00	35.52 -1.18 0.00	41.05 -1.02 0.00	38.97 -0.77 0.00	29.52 -0.58 0.00	29.16 -0.47 0.00	28.11 -0.41 0.00
CHAUTAUQUA___LFGE 323629	44.12 3.37 0.00	38.26 1.92 0.00	36.78 1.41 0.00	34.52 1.11 0.00	35.44 0.57 0.00	29.33 0.72 0.00	26.04 0.74 0.00	33.04 1.80 0.00	38.21 2.14 0.00	41.66 3.05 0.00	42.33 3.38 0.00	43.70 3.61 0.00	43.93 3.56 0.00	48.52 2.74 0.00	65.39 3.60 0.00	47.37 2.36 0.00	52.43 2.72 0.00	45.19 2.36 0.00	38.75 2.05 0.00	44.27 2.19 0.00	41.70 1.94 -0.01	31.32 1.22 0.00	31.04 1.41 0.00	29.86 1.33 0.00
CHERRYST_13_KV_LD 356241	43.40 2.65 0.00	38.59 2.25 0.00	37.47 2.10 0.00	35.23 1.81 0.00	36.58 1.73 0.00	30.16 1.54 0.00	29.49 1.63 -2.55	49.01 2.45 -15.32	39.35 3.28 0.00	42.20 3.59 0.00	42.78 3.83 0.00	44.29 4.19 0.00	44.77 4.40 0.00	50.45 4.67 0.00	68.00 6.21 0.00	49.75 4.73 0.00	55.16 5.44 0.00	62.51 4.61 -15.07	51.27 3.63 -10.93	46.00 3.93 0.00	43.34 3.60 0.00	32.71 2.61 0.00	32.03 2.40 0.00	30.85 2.33 0.00

CHESTROR_138KV_BK263 355645	42.53 1.78 0.00	37.82 1.48 0.00	36.77 1.40 0.00	34.61 1.20 0.00	35.97 1.12 0.00	29.61 0.99 0.00	23.87 1.05 2.48	17.92 1.54 14.87	38.17 2.09 0.00	40.91 2.31 0.00	41.39 2.44 0.00	42.79 2.69 0.00	43.25 2.88 0.00	48.88 3.10 0.00	65.98 4.19 0.00	48.20 3.18 0.00	53.42 3.71 0.00	139.77 3.18 -93.75	108.58 2.55 -69.33	44.80 2.73 0.00	42.22 2.47 0.00	31.90 1.80 0.00	31.25 1.62 0.00	30.07 1.55 0.00
CH_MIDHUDSON___DRP 24192	43.02 2.27 0.00	38.25 1.91 0.00	37.18 1.82 0.00	34.99 1.57 0.00	36.34 1.48 0.00	29.90 1.29 0.00	27.07 1.34 -0.44	35.82 1.96 -2.63	38.65 2.58 0.00	41.40 2.79 0.00	41.88 2.92 0.00	43.30 3.20 0.00	43.75 3.38 0.00	49.45 3.67 0.00	66.83 5.04 0.00	48.78 3.77 0.00	53.98 4.26 0.00	54.55 3.58 -8.14	45.58 2.87 -6.00	45.14 3.07 0.00	42.55 2.80 0.00	32.18 2.08 0.00	31.54 1.91 0.00	30.34 1.82 0.00
CH_MISC_IPPS 23765	43.35 2.60 0.00	38.50 2.16 0.00	37.40 2.04 0.00	35.19 1.77 0.00	36.54 1.68 0.00	30.08 1.46 0.00	26.80 1.50 0.00	33.42 2.17 0.00	38.93 2.86 0.00	41.74 3.14 0.00	42.27 3.32 0.00	43.75 3.66 0.00	44.25 3.88 0.00	50.02 4.24 0.00	67.60 5.81 0.00	49.35 4.33 0.00	54.61 4.90 0.00	55.12 4.09 -8.20	46.03 3.28 -6.05	45.60 3.52 0.00	42.96 3.21 0.00	32.47 2.37 0.00	31.79 2.16 0.00	30.57 2.04 0.00
CH_RES_BVR_FALLS 23983	40.34 -0.41 0.00	35.99 -0.35 0.00	35.02 -0.35 0.00	33.13 -0.29 0.00	34.66 -0.20 0.00	28.44 -0.17 0.00	25.14 -0.16 0.00	30.91 -0.33 0.00	35.60 -0.48 0.00	38.05 -0.56 0.00	38.34 -0.61 0.00	39.31 -0.79 0.00	39.41 -0.96 0.00	44.76 -1.02 0.00	60.37 -1.42 0.00	44.02 -1.00 0.00	48.60 -1.11 0.00	41.81 -1.02 0.00	35.85 -0.86 0.00	41.18 -0.90 0.00	38.96 -0.79 0.00	29.55 -0.55 0.00	29.21 -0.42 0.00	28.21 -0.32 0.00
CH_RES_NIAGARA 23895	42.42 1.66 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.03 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.17 0.10 0.00	39.14 0.54 0.00	39.84 0.89 0.00	40.84 0.74 0.00	41.17 0.80 0.00	45.63 -0.15 0.00	60.86 -0.93 0.00	44.04 -0.98 0.00	48.60 -1.11 0.00	41.88 -0.95 0.00	35.80 -0.90 0.00	41.16 -0.91 0.00	38.49 -1.26 0.00	29.22 -0.88 0.00	29.18 -0.45 0.00	28.23 -0.29 0.00
CH_RES_SYRACUSE 23985	42.41 0.51 -1.15	36.94 0.21 -0.39	35.61 0.07 -0.18	33.86 0.01 -0.43	36.73 -0.14 -2.01	29.25 -0.05 -0.69	25.32 0.02 0.00	31.81 0.29 -0.27	36.70 0.34 -0.28	41.68 0.39 -2.68	42.20 0.49 -2.76	43.65 0.57 -2.98	41.54 0.61 -0.56	50.36 0.56 -4.03	69.73 0.84 -7.10	49.54 0.59 -3.93	55.13 0.64 -4.77	46.98 0.66 -3.49	39.68 0.61 -2.36	45.98 0.56 -3.34	43.09 0.40 -2.95	31.40 0.23 -1.07	30.86 0.19 -1.03	29.38 0.11 -0.75
CLINTON_WT_PWR 323605	40.38 -0.37 0.00	36.08 -0.26 0.00	35.04 -0.32 0.00	33.21 -0.21 0.00	34.93 0.07 0.00	28.68 0.06 0.00	25.32 0.02 0.00	30.97 -0.27 0.00	35.54 -0.53 0.00	37.83 -0.78 0.00	38.08 -0.87 0.00	39.14 -0.96 0.00	39.37 -1.00 0.00	44.97 -0.81 0.00	60.30 -1.49 0.00	44.24 -0.78 0.00	48.73 -0.98 0.00	41.56 -1.27 0.00	35.60 -1.11 0.00	41.09 -0.98 0.00	39.00 -0.74 0.00	29.54 -0.56 0.00	29.20 -0.43 0.00	28.17 -0.36 0.00
CLINTON___LFGE 323618	41.00 0.25 0.00	36.59 0.25 0.00	35.50 0.14 0.00	33.62 0.20 0.00	35.36 0.50 0.00	29.06 0.45 0.00	25.72 0.41 0.00	31.47 0.23 0.00	36.12 0.05 0.00	38.39 -0.22 0.00	38.59 -0.36 0.00	39.67 -0.42 0.00	39.92 -0.45 0.00	45.74 -0.04 0.00	61.03 -0.77 0.00	44.86 -0.15 0.00	49.42 -0.29 0.00	42.03 -0.80 0.00	36.00 -0.70 0.00	41.59 -0.49 0.00	39.51 -0.23 0.00	29.93 -0.17 0.00	29.63 0.00 0.00	28.56 0.04 0.00
COBBLENY_34_KV_TB1 80064	43.88 3.13 0.00	38.06 1.71 0.00	36.60 1.23 0.00	34.32 0.90 0.00	35.13 0.27 0.00	29.08 0.47 0.00	25.86 0.56 0.00	32.82 1.58 0.00	37.94 1.87 0.00	41.18 2.57 0.00	41.91 2.96 0.00	43.15 3.05 0.00	43.50 3.13 0.00	48.28 2.49 0.00	64.87 3.08 0.00	46.94 1.92 0.00	51.91 2.20 0.00	44.76 1.93 0.00	38.24 1.54 0.00	43.68 1.60 0.00	40.99 1.23 -0.01	30.90 0.80 0.00	30.70 1.07 0.00	29.57 1.05 0.00
COFFEEN___115KV_TB3 355620	44.62 2.89 -0.98	38.89 2.22 -0.33	37.47 1.96 -0.15	35.54 1.76 -0.36	38.36 1.80 -1.70	30.78 1.58 -0.58	26.84 1.54 0.00	33.52 2.04 -0.23	38.56 2.25 -0.24	43.31 2.43 -2.27	43.94 2.65 -2.33	44.91 2.29 -2.52	42.70 1.86 -0.47	51.56 2.38 -3.41	65.26 2.13 -1.33	48.07 1.76 -1.30	55.71 1.97 -4.03	47.69 1.90 -2.95	41.20 2.50 -2.00	47.82 2.92 -2.82	45.32 3.08 -2.50	33.37 2.37 -0.90	32.67 2.17 -0.88	31.01 1.85 -0.64
COLDSPRG_115KV_BK1 355956	44.77 4.02 0.00	38.90 2.56 0.00	37.39 2.03 0.00	35.12 1.70 0.00	36.12 1.26 0.00	29.91 1.29 0.00	26.62 1.32 0.00	33.77 2.53 0.00	39.11 3.04 0.00	42.53 3.92 0.00	43.17 4.22 0.00	44.52 4.43 0.00	44.80 4.43 0.00	49.20 3.42 0.00	66.14 4.35 0.00	47.90 2.88 0.00	52.97 3.26 0.00	45.73 2.90 0.00	39.25 2.55 0.00	44.87 2.79 0.00	42.48 2.73 -0.01	31.89 1.79 0.00	31.57 1.94 0.00	30.42 1.90 0.00
COLONIE_LFGE___ 323577	42.56 1.81 0.00	38.02 1.68 0.00	37.03 1.66 0.00	34.91 1.49 0.00	36.31 1.45 0.00	29.74 1.12 0.00	26.82 1.08 -0.43	35.37 1.53 -2.60	37.81 1.74 0.00	40.32 1.72 0.00	40.41 1.46 0.00	41.48 1.39 0.00	41.76 1.39 0.00	47.50 1.72 0.00	64.30 2.51 0.00	46.82 1.80 0.00	51.50 1.79 0.00	48.23 1.67 -3.73	40.93 1.48 -2.75	43.83 1.76 0.00	41.37 1.62 0.00	31.43 1.33 0.00	30.86 1.23 0.00	29.71 1.19 0.00
COOPERNY_115KV_TB1 80082	42.04 1.30 0.00	37.41 1.06 0.00	36.39 1.03 0.00	34.30 0.88 0.00	35.66 0.80 0.00	29.33 0.71 0.00	25.07 0.75 0.98	26.47 1.12 5.89	37.59 1.52 0.00	40.29 1.69 0.00	40.73 1.78 0.00	42.07 1.98 0.00	42.47 2.11 0.00	48.01 2.23 0.00	64.81 3.01 0.00	47.31 2.30 0.00	52.40 2.69 0.00	37.47 2.31 7.67	32.99 1.87 5.58	44.05 1.98 0.00	41.54 1.80 0.00	31.40 1.30 0.00	30.81 1.18 0.00	29.64 1.11 0.00
COPENHAGEN_WT_PWR 323753	44.04 2.27 -1.02	38.39 1.70 -0.34	37.01 1.49 -0.16	35.12 1.32 -0.38	37.98 1.34 -1.78	30.42 1.19 -0.61	26.48 1.18 0.00	33.07 1.59 -0.24	38.06 1.74 -0.25	42.85 1.86 -2.38	43.49 2.09 -2.45	44.51 1.77 -2.65	42.28 1.41 -0.50	51.11 1.76 -3.57	64.84 1.65 -1.40	47.75 1.37 -1.36	55.43 1.49 -4.23	47.34 1.41 -3.09	40.72 1.92 -2.09	47.28 2.24 -2.96	44.71 2.35 -2.62	32.86 1.82 -0.94	32.22 1.68 -0.92	30.60 1.42 -0.67
CORNELL_____ 23752	43.34 1.99 -0.60	37.95 1.41 -0.20	36.69 1.23 -0.09	34.73 1.09 -0.22	36.86 0.95 -1.05	29.86 0.88 -0.36	26.16 0.86 0.00	32.82 1.43 -0.14	37.82 1.60 -0.15	41.76 1.76 -1.40	42.16 1.77 -1.44	43.63 1.98 -1.55	42.70 2.03 -0.29	49.92 2.04 -2.10	68.27 2.80 -3.67	49.27 2.22 -2.04	54.62 2.42 -2.49	46.86 2.21 -1.82	40.04 2.11 -1.23	46.10 2.29 -1.74	43.34 2.05 -1.54	32.13 1.48 -0.55	31.56 1.40 -0.54	30.10 1.19 -0.39

CORONA_69_KV_TB1 355595	47.73 3.09 -3.88	38.90 2.55 0.00	37.79 2.42 0.00	35.51 2.09 0.00	36.86 2.00 0.00	30.36 1.75 0.00	29.66 1.79 -2.58	49.19 2.50 -15.45	39.34 3.27 0.00	42.87 3.51 -0.75	62.21 4.05 -19.22	84.10 4.42 -39.59	102.67 4.61 -57.69	175.54 4.96 -124.80	248.36 6.70 -179.86	250.07 5.08 -199.98	270.41 5.84 -214.86	230.98 4.99 -183.16	221.81 4.03 -181.08	46.65 4.25 -0.33	43.51 3.77 0.00	33.14 2.72 -0.33	32.30 2.67 -0.01	31.05 2.53 0.00
CORTLAND_115KV_TB3 80093	42.94 1.60 -0.60	37.65 1.11 -0.20	36.43 0.97 -0.09	34.49 0.85 -0.22	36.64 0.75 -1.04	29.66 0.69 -0.35	25.95 0.65 0.00	32.47 1.09 -0.14	37.46 1.24 -0.15	41.40 1.40 -1.39	41.80 1.42 -1.43	43.20 1.57 -1.54	42.26 1.60 -0.29	49.51 1.65 -2.08	67.59 2.24 -3.56	48.66 1.66 -1.99	54.22 2.04 -2.46	46.35 1.71 -1.80	39.59 1.67 -1.22	45.57 1.77 -1.73	42.86 1.59 -1.52	31.78 1.14 -0.55	31.25 1.08 -0.53	29.88 0.97 -0.39
COXSACKIE__GT 23611	44.12 3.37 0.00	39.41 3.07 0.00	38.44 3.07 0.00	36.22 2.80 0.00	37.66 2.81 0.00	30.82 2.20 0.00	27.19 1.89 0.00	33.74 2.50 0.00	38.72 2.65 0.00	40.88 2.27 0.00	40.78 1.82 0.00	41.91 1.82 0.00	42.32 1.95 0.00	49.09 3.31 0.00	65.99 4.20 0.00	48.70 3.69 0.00	52.44 2.73 0.00	48.53 2.02 -3.67	41.67 2.26 -2.71	45.15 3.07 0.00	42.78 3.03 0.00	32.51 2.41 0.00	32.00 2.37 0.00	30.71 2.19 0.00
CPV_VALLEY__CC1 323721	42.15 1.40 0.00	37.50 1.16 0.00	36.47 1.11 0.00	34.35 0.93 0.00	35.70 0.84 0.00	29.38 0.77 0.00	24.60 0.83 1.53	23.30 1.26 9.20	37.81 1.74 0.00	40.53 1.92 0.00	40.99 2.03 0.00	42.35 2.26 0.00	42.80 2.43 0.00	48.36 2.58 0.00	65.28 3.48 0.00	47.68 2.66 0.00	52.82 3.11 0.00	36.68 2.66 8.82	32.46 2.14 6.38	44.33 2.26 0.00	41.79 2.04 0.00	31.59 1.49 0.00	30.95 1.32 0.00	29.79 1.27 0.00
CPV_VALLEY__CC2 323722	42.15 1.40 0.00	37.50 1.16 0.00	36.47 1.11 0.00	34.35 0.93 0.00	35.70 0.84 0.00	29.38 0.77 0.00	24.60 0.83 1.53	23.30 1.26 9.20	37.81 1.74 0.00	40.53 1.92 0.00	40.99 2.03 0.00	42.35 2.26 0.00	42.80 2.43 0.00	48.36 2.58 0.00	65.28 3.48 0.00	47.68 2.66 0.00	52.82 3.11 0.00	36.68 2.66 8.82	32.46 2.14 6.38	44.33 2.26 0.00	41.79 2.04 0.00	31.59 1.49 0.00	30.95 1.32 0.00	29.79 1.27 0.00
CRESCENT__HYD 24018	42.56 1.81 0.00	38.02 1.68 0.00	37.03 1.66 0.00	34.91 1.49 0.00	36.31 1.45 0.00	29.74 1.12 0.00	26.82 1.08 -0.43	35.37 1.53 -2.60	37.81 1.74 0.00	40.32 1.72 0.00	40.41 1.46 0.00	41.48 1.39 0.00	41.76 1.39 0.00	47.50 1.72 0.00	64.30 2.51 0.00	46.82 1.80 0.00	51.50 1.79 0.00	48.23 1.67 -3.73	40.93 1.48 -2.75	43.83 1.76 0.00	41.37 1.62 0.00	31.43 1.33 0.00	30.86 1.23 0.00	29.71 1.19 0.00
CRICKET__VALLEY_CC1 323756	42.47 1.72 0.00	37.82 1.48 0.00	36.78 1.41 0.00	34.61 1.20 0.00	35.98 1.12 0.00	29.62 1.00 0.00	27.43 1.08 -1.05	39.15 1.61 -6.30	38.19 2.11 0.00	40.78 2.18 0.00	41.12 2.17 0.00	42.43 2.34 0.00	42.76 2.39 0.00	48.38 2.60 0.00	65.38 3.59 0.00	47.84 2.82 0.00	52.89 3.18 0.00	55.21 2.70 -9.68	45.93 2.17 -7.06	44.35 2.27 0.00	41.80 2.05 0.00	31.68 1.58 0.00	31.08 1.45 0.00	29.92 1.40 0.00
CRICKET__VALLEY_CC2 323757	42.47 1.72 0.00	37.82 1.48 0.00	36.78 1.41 0.00	34.61 1.20 0.00	35.98 1.12 0.00	29.62 1.00 0.00	27.43 1.08 -1.05	39.15 1.61 -6.30	38.19 2.11 0.00	40.78 2.18 0.00	41.12 2.17 0.00	42.43 2.34 0.00	42.76 2.39 0.00	48.38 2.60 0.00	65.38 3.59 0.00	47.84 2.82 0.00	52.89 3.18 0.00	55.21 2.70 -9.68	45.93 2.17 -7.06	44.35 2.27 0.00	41.80 2.05 0.00	31.68 1.58 0.00	31.08 1.45 0.00	29.92 1.40 0.00
CRICKET__VALLEY_CC3 323758	42.47 1.72 0.00	37.82 1.48 0.00	36.78 1.41 0.00	34.61 1.20 0.00	35.98 1.12 0.00	29.62 1.00 0.00	27.43 1.08 -1.05	39.15 1.61 -6.30	38.19 2.11 0.00	40.78 2.18 0.00	41.12 2.17 0.00	42.43 2.34 0.00	42.76 2.39 0.00	48.38 2.60 0.00	65.38 3.59 0.00	47.84 2.82 0.00	52.89 3.18 0.00	55.21 2.70 -9.68	45.93 2.17 -7.06	44.35 2.27 0.00	41.80 2.05 0.00	31.68 1.58 0.00	31.08 1.45 0.00	29.92 1.40 0.00
CRUCIBLE_METL_DRP 24180	42.41 0.51 -1.15	36.94 0.21 -0.39	35.61 0.07 -0.18	33.86 0.01 -0.43	36.73 -0.14 -2.01	29.25 -0.05 -0.69	25.32 0.02 0.00	31.81 0.29 -0.27	36.70 0.34 -0.28	41.68 0.39 -2.68	42.19 0.48 -2.76	43.64 0.57 -2.98	41.54 0.61 -0.56	50.36 0.56 -4.03	69.73 0.84 -7.10	49.54 0.59 -3.93	55.13 0.64 -4.77	46.98 0.66 -3.49	39.68 0.61 -2.36	45.98 0.56 -3.34	43.10 0.40 -2.95	31.40 0.23 -1.07	30.86 0.19 -1.03	29.38 0.11 -0.75
DAHOWA__HYDRO 323763	43.46 2.70 0.00	38.77 2.43 0.00	37.68 2.31 0.00	35.52 2.10 0.00	36.94 2.08 0.00	30.34 1.73 0.00	27.39 1.69 -0.40	35.98 2.31 -2.42	38.72 2.65 0.00	41.29 2.68 0.00	41.25 2.30 0.00	42.22 2.13 0.00	42.42 2.05 0.00	48.26 2.48 0.00	65.77 3.97 0.00	47.84 2.82 0.00	52.48 2.77 0.00	49.07 2.76 -3.47	41.70 2.43 -2.56	44.90 2.82 0.00	42.40 2.66 0.00	32.17 2.07 0.00	31.58 1.95 0.00	30.38 1.86 0.00
DANC__LFGE 323619	43.43 1.40 -1.28	37.73 0.96 -0.43	36.35 0.78 -0.20	34.56 0.66 -0.47	37.71 0.62 -2.23	29.96 0.57 -0.76	25.92 0.62 0.00	32.49 0.94 -0.31	37.42 1.03 -0.31	42.73 1.14 -2.98	43.34 1.32 -3.07	44.53 1.12 -3.32	41.84 0.85 -0.62	51.28 1.03 -4.48	64.66 1.12 -1.75	47.59 0.88 -1.70	55.83 0.81 -5.30	47.54 0.83 -3.88	40.50 1.18 -2.63	47.15 1.36 -3.71	44.42 1.40 -3.28	32.40 1.11 -1.18	31.80 1.02 -1.15	30.20 0.84 -0.83
DANSKAMMER__1 23586	43.35 2.60 0.00	38.50 2.16 0.00	37.40 2.04 0.00	35.19 1.77 0.00	36.54 1.68 0.00	30.08 1.46 0.00	26.80 1.50 0.00	33.42 2.17 0.00	38.93 2.86 0.00	41.74 3.14 0.00	42.27 3.32 0.00	43.75 3.66 0.00	44.25 3.88 0.00	50.02 4.24 0.00	67.60 5.81 0.00	49.35 4.33 0.00	54.61 4.90 0.00	55.12 4.09 -8.20	46.03 3.28 -6.05	45.60 3.52 0.00	42.96 3.21 0.00	32.47 2.37 0.00	31.79 2.16 0.00	30.57 2.04 0.00
DANSKAMMER__2 23589	43.35 2.60 0.00	38.50 2.16 0.00	37.40 2.04 0.00	35.19 1.77 0.00	36.54 1.68 0.00	30.08 1.46 0.00	26.80 1.50 0.00	33.42 2.17 0.00	38.93 2.86 0.00	41.74 3.14 0.00	42.27 3.32 0.00	43.75 3.66 0.00	44.25 3.88 0.00	50.02 4.24 0.00	67.60 5.81 0.00	49.35 4.33 0.00	54.61 4.90 0.00	55.12 4.09 -8.20	46.03 3.28 -6.05	45.60 3.52 0.00	42.96 3.21 0.00	32.47 2.37 0.00	31.79 2.16 0.00	30.57 2.04 0.00
DANSKAMMER__3 23590	43.35 2.60 0.00	38.50 2.16 0.00	37.40 2.04 0.00	35.19 1.77 0.00	36.54 1.68 0.00	30.08 1.46 0.00	26.80 1.50 0.00	33.42 2.17 0.00	38.93 2.86 0.00	41.74 3.14 0.00	42.27 3.32 0.00	43.75 3.66 0.00	44.25 3.88 0.00	50.02 4.24 0.00	67.60 5.81 0.00	49.35 4.33 0.00	54.61 4.90 0.00	55.12 4.09 -8.20	46.03 3.28 -6.05	45.60 3.52 0.00	42.96 3.21 0.00	32.47 2.37 0.00	31.79 2.16 0.00	30.57 2.04 0.00

DANSKAMMER___4 23591	43.35 2.60 0.00	38.50 2.16 0.00	37.40 2.04 0.00	35.19 1.77 0.00	36.54 1.68 0.00	30.08 1.46 0.00	26.80 1.50 0.00	33.42 2.17 0.00	38.93 2.86 0.00	41.74 3.14 0.00	42.27 3.32 0.00	43.75 3.66 0.00	44.25 3.88 0.00	50.02 4.24 0.00	67.60 5.81 0.00	49.35 4.33 0.00	54.61 4.90 0.00	55.12 4.09 -8.20	46.03 3.28 -6.05	45.60 3.52 0.00	42.96 3.21 0.00	32.47 2.37 0.00	31.79 2.16 0.00	30.57 2.04 0.00
DANSKAMMER___DIESEL 23592	43.35 2.59 0.00	38.50 2.16 0.00	37.40 2.04 0.00	35.19 1.77 0.00	36.54 1.68 0.00	30.08 1.47 0.00	26.80 1.50 0.00	33.42 2.17 0.00	38.93 2.86 0.00	41.74 3.13 0.00	42.28 3.32 0.00	43.75 3.66 0.00	44.25 3.88 0.00	50.02 4.24 0.00	67.60 5.81 0.00	49.34 4.32 0.00	54.61 4.90 0.00	55.13 4.10 -8.20	46.03 3.29 -6.05	45.60 3.52 0.00	42.96 3.21 0.00	32.47 2.37 0.00	31.79 2.16 0.00	30.57 2.04 0.00
DARBY___SOLAR 323810	43.25 2.50 0.00	38.59 2.24 0.00	37.51 2.15 0.00	35.35 1.94 0.00	36.77 1.91 0.00	30.19 1.58 0.00	27.25 1.54 -0.41	35.80 2.11 -2.45	38.49 2.42 0.00	41.05 2.45 0.00	41.04 2.09 0.00	42.02 1.93 0.00	42.23 1.86 0.00	48.01 2.23 0.00	65.43 3.63 0.00	47.60 2.58 0.00	52.21 2.49 0.00	48.85 2.50 -3.51	41.53 2.23 -2.59	44.66 2.58 0.00	42.18 2.43 0.00	32.00 1.90 0.00	31.42 1.78 0.00	30.23 1.71 0.00
DASHVILLE___HYD 23610	42.41 1.66 0.00	37.70 1.35 0.00	36.65 1.28 0.00	34.50 1.08 0.00	35.81 0.95 0.00	29.48 0.86 0.00	26.27 0.97 0.00	32.76 1.52 0.00	38.31 2.24 0.00	41.14 2.54 0.00	41.69 2.74 0.00	43.22 3.13 0.00	43.77 3.41 0.00	49.56 3.78 0.00	66.66 4.86 0.00	48.75 3.73 0.00	54.14 4.43 0.00	50.34 3.67 -3.85	42.42 2.88 -2.84	45.08 3.00 0.00	42.48 2.73 0.00	32.11 2.01 0.00	31.42 1.79 0.00	30.21 1.69 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	47.79 3.16 -3.88	38.97 2.63 0.00	37.82 2.45 0.00	35.38 1.96 0.00	36.75 1.89 0.00	30.25 1.64 0.00	29.71 1.84 -2.58	49.59 2.90 -15.45	40.22 4.15 0.00	44.67 4.82 -1.24	65.90 5.42 -21.53	204.59 6.11 -158.39	207.19 6.35 -160.47	267.28 6.74 -214.76	247.13 8.85 -176.49	258.08 6.58 -206.48	267.30 7.61 -209.97	257.04 6.75 -207.46	264.74 5.51 -222.53	250.72 5.91 -202.74	299.16 5.47 -253.95	73.82 3.85 -39.87	33.88 3.58 -0.67	34.95 3.52 -2.91
DELAWARE___LFGE 323621	42.52 1.57 -0.20	37.71 1.30 -0.07	36.70 1.30 -0.03	34.68 1.20 -0.07	36.34 1.14 -0.34	29.65 0.92 -0.12	26.15 0.85 0.00	32.53 1.25 -0.05	37.70 1.58 -0.05	40.86 1.80 -0.46	41.31 1.89 -0.47	42.65 2.06 -0.50	42.64 2.18 -0.09	48.75 2.29 -0.68	65.90 2.90 -1.20	47.74 2.06 -0.67	52.95 2.44 -0.81	45.61 2.18 -0.59	38.95 1.84 -0.40	44.61 1.97 -0.57	42.07 1.83 -0.50	31.61 1.33 -0.18	31.02 1.22 -0.18	29.76 1.11 -0.13
DERFIELD_115KV_TB7 355931	41.14 0.39 0.00	36.67 0.32 0.00	35.69 0.32 0.00	33.71 0.29 0.00	35.10 0.24 0.00	28.80 0.18 0.00	25.48 0.18 0.00	31.55 0.31 0.00	36.47 0.40 0.00	39.02 0.41 0.00	39.34 0.39 0.00	40.50 0.41 0.00	40.81 0.44 0.00	46.24 0.46 0.00	62.45 0.66 0.00	45.47 0.45 0.00	50.20 0.49 0.00	43.28 0.45 0.00	37.10 0.40 0.00	42.50 0.43 0.00	40.14 0.39 0.00	30.42 0.32 0.00	29.91 0.28 0.00	28.79 0.26 0.00
DOGLEVILLE___HYD 23807	42.21 1.46 0.00	37.63 1.29 0.00	36.60 1.24 0.00	34.47 1.05 0.00	35.80 0.94 0.00	29.34 0.73 0.00	25.96 0.66 0.00	32.18 0.94 0.00	36.97 0.90 0.00	39.56 0.95 0.00	39.71 0.76 0.00	41.01 0.91 0.00	41.43 1.06 0.00	47.19 1.41 0.00	64.13 2.34 0.00	46.11 1.09 0.00	50.68 0.97 0.00	44.22 1.39 0.00	38.17 1.47 0.00	43.67 1.60 0.00	41.16 1.42 0.00	31.21 1.11 0.00	30.67 1.04 0.00	29.44 0.92 0.00
DUNKIRK___115KV_TB_200 55889	44.01 3.26 0.00	38.17 1.82 0.00	36.68 1.32 0.00	34.44 1.02 0.00	35.35 0.49 0.00	29.27 0.66 0.00	25.98 0.67 0.00	32.98 1.73 0.00	38.15 2.08 0.00	41.54 2.93 0.00	42.19 3.24 0.00	43.56 3.47 0.00	43.81 3.44 0.00	48.42 2.64 0.00	65.23 3.44 0.00	47.26 2.24 0.00	52.32 2.61 0.00	45.08 2.25 0.00	38.67 1.96 0.00	44.16 2.09 0.00	41.58 1.83 -0.01	31.23 1.13 0.00	30.96 1.33 0.00	29.78 1.26 0.00
DUNKIRK___1 23563	44.01 3.26 0.00	38.17 1.82 0.00	36.68 1.32 0.00	34.44 1.02 0.00	35.35 0.49 0.00	29.27 0.66 0.00	25.98 0.67 0.00	32.98 1.73 0.00	38.15 2.08 0.00	41.54 2.93 0.00	42.19 3.24 0.00	43.56 3.47 0.00	43.81 3.44 0.00	48.42 2.64 0.00	65.23 3.44 0.00	47.26 2.24 0.00	52.32 2.61 0.00	45.08 2.25 0.00	38.67 1.96 0.00	44.16 2.09 0.00	41.58 1.83 -0.01	31.23 1.13 0.00	30.96 1.33 0.00	29.78 1.26 0.00
DUNKIRK___2 23564	44.01 3.26 0.00	38.17 1.82 0.00	36.68 1.32 0.00	34.44 1.02 0.00	35.35 0.49 0.00	29.27 0.66 0.00	25.98 0.67 0.00	32.98 1.73 0.00	38.15 2.08 0.00	41.54 2.93 0.00	42.19 3.24 0.00	43.56 3.47 0.00	43.81 3.44 0.00	48.42 2.64 0.00	65.23 3.44 0.00	47.26 2.24 0.00	52.32 2.61 0.00	45.08 2.25 0.00	38.67 1.96 0.00	44.16 2.09 0.00	41.58 1.83 -0.01	31.23 1.13 0.00	30.96 1.33 0.00	29.78 1.26 0.00
DUNKIRK___3 23565	43.71 2.96 0.00	37.93 1.59 0.00	36.48 1.11 0.00	34.23 0.81 0.00	35.13 0.27 0.00	29.09 0.47 0.00	25.83 0.53 0.00	32.78 1.53 0.00	37.91 1.84 0.00	41.22 2.61 0.00	41.86 2.91 0.00	43.17 3.08 0.00	43.43 3.06 0.00	48.10 2.33 0.00	64.73 2.94 0.00	46.89 1.87 0.00	51.90 2.19 0.00	44.73 1.90 0.00	38.34 1.64 0.00	43.78 1.70 0.00	41.15 1.40 -0.01	30.95 0.85 0.00	30.72 1.09 0.00	29.58 1.05 0.00
DUNKIRK___4 23566	43.71 2.96 0.00	37.93 1.59 0.00	36.48 1.11 0.00	34.23 0.81 0.00	35.13 0.27 0.00	29.09 0.47 0.00	25.83 0.53 0.00	32.78 1.53 0.00	37.91 1.84 0.00	41.22 2.61 0.00	41.86 2.91 0.00	43.17 3.08 0.00	43.43 3.06 0.00	48.10 2.33 0.00	64.73 2.94 0.00	46.89 1.87 0.00	51.90 2.19 0.00	44.73 1.90 0.00	38.34 1.64 0.00	43.78 1.70 0.00	41.15 1.40 -0.01	30.95 0.85 0.00	30.72 1.09 0.00	29.58 1.05 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.11 2.36 0.00	38.33 1.99 0.00	37.24 1.87 0.00	35.03 1.61 0.00	36.37 1.51 0.00	29.97 1.35 0.00	29.28 1.42 -2.55	48.63 2.09 -15.30	38.86 2.79 0.00	41.62 3.02 0.00	42.19 3.24 0.00	43.64 3.54 0.00	44.11 3.74 0.00	49.76 3.98 0.00	67.13 5.34 0.00	49.09 4.07 0.00	54.41 4.69 0.00	61.88 3.99 -15.06	50.80 3.17 -10.93	45.48 3.41 0.00	42.85 3.10 0.00	32.37 2.27 0.00	31.71 2.08 0.00	30.56 2.03 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.89 2.14 0.00	38.11 1.77 0.00	37.03 1.67 0.00	34.85 1.43 0.00	36.19 1.33 0.00	29.81 1.19 0.00	25.78 1.24 0.76	28.47 1.81 4.57	38.50 2.43 0.00	41.27 2.67 0.00	41.78 2.83 0.00	43.22 3.12 0.00	43.70 3.33 0.00	49.40 3.62 0.00	66.69 4.90 0.00	48.72 3.70 0.00	54.00 4.29 0.00	53.68 3.63 -7.22	44.99 2.91 -5.38	45.17 3.10 0.00	42.56 2.81 0.00	32.16 2.07 0.00	31.50 1.87 0.00	30.29 1.77 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.03 2.28 0.00	38.24 1.90 0.00	37.13 1.76 0.00	34.93 1.52 0.00	36.28 1.42 0.00	29.91 1.30 0.00	29.28 1.42 -2.55	48.69 2.14 -15.31	38.94 2.87 0.00	41.68 3.08 0.00	42.26 3.31 0.00	43.74 3.64 0.00	44.17 3.80 0.00	49.70 3.92 0.00	67.12 5.33 0.00	49.15 4.14 0.00	54.46 4.75 0.00	61.79 3.90 -15.06	50.74 3.11 -10.93	45.46 3.39 0.00	42.87 3.12 0.00	32.39 2.29 0.00	31.75 2.12 0.00	30.66 2.13 0.00
E179THST_13_KV_LOAD 356214	43.33 2.58 0.00	38.50 2.16 0.00	37.36 2.00 0.00	35.16 1.74 0.00	36.50 1.64 0.00	30.10 1.48 0.00	29.45 1.59 -2.55	48.92 2.37 -15.31	39.21 3.14 0.00	42.00 3.40 0.00	42.58 3.63 0.00	44.09 3.99 0.00	44.52 4.15 0.00	50.10 4.32 0.00	67.67 5.88 0.00	49.56 4.54 0.00	54.90 5.19 0.00	62.18 4.29 -15.06	51.07 3.44 -10.93	45.82 3.75 0.00	43.19 3.44 0.00	32.63 2.53 0.00	31.98 2.35 0.00	30.87 2.35 0.00
EAST HAMPTON___GT 23717	47.49 2.85 -3.88	38.80 2.46 0.00	37.62 2.25 0.00	35.09 1.68 0.00	36.51 1.65 0.00	30.02 1.40 0.00	29.58 1.70 -2.58	49.72 3.03 -15.45	40.74 4.66 0.00	45.27 5.42 -1.24	66.49 6.01 -21.53	205.30 6.80 -158.41	207.93 7.06 -160.49	267.86 7.29 -214.79	247.82 9.54 -176.49	258.52 7.02 -206.49	267.87 8.18 -209.98	257.73 7.40 -207.50	265.33 6.07 -222.56	251.31 6.48 -202.75	299.73 6.09 -253.89	74.27 4.32 -39.85	34.32 4.02 -0.67	35.50 4.07 -2.91
EAST RIVER___6 23660	43.17 2.42 0.00	38.47 2.13 0.00	37.38 2.01 0.00	35.14 1.73 0.00	36.49 1.63 0.00	30.07 1.45 0.00	29.38 1.53 -2.55	48.88 2.33 -15.32	39.20 3.13 0.00	42.03 3.43 0.00	42.61 3.65 0.00	44.10 4.01 0.00	44.58 4.21 0.00	50.22 4.44 0.00	67.72 5.92 0.00	49.55 4.53 0.00	54.92 5.21 0.00	62.28 4.39 -15.07	51.10 3.47 -10.93	45.84 3.76 0.00	43.24 3.50 0.00	32.64 2.54 0.00	31.93 2.30 0.00	30.79 2.27 0.00
EAST RIVER___7 23524	43.17 2.42 0.00	38.47 2.13 0.00	37.38 2.01 0.00	35.14 1.73 0.00	36.49 1.63 0.00	30.07 1.45 0.00	29.38 1.53 -2.55	48.88 2.33 -15.32	39.20 3.13 0.00	42.03 3.43 0.00	42.61 3.65 0.00	44.10 4.01 0.00	44.58 4.21 0.00	50.22 4.44 0.00	67.72 5.92 0.00	49.55 4.53 0.00	54.92 5.21 0.00	62.28 4.39 -15.07	51.10 3.47 -10.93	45.84 3.76 0.00	43.24 3.50 0.00	32.64 2.54 0.00	31.93 2.30 0.00	30.79 2.27 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.98 2.23 0.00	38.21 1.87 0.00	37.14 1.77 0.00	34.94 1.52 0.00	36.29 1.43 0.00	29.89 1.28 0.00	29.37 1.34 -2.72	49.56 1.98 -16.34	38.74 2.66 0.00	41.50 2.89 0.00	42.05 3.10 0.00	43.48 3.39 0.00	43.95 3.57 0.00	49.60 3.82 0.00	66.93 5.14 0.00	48.94 3.92 0.00	54.23 4.52 0.00	62.19 3.85 -15.50	51.00 3.07 -11.24	45.36 3.28 0.00	42.72 2.98 0.00	32.28 2.18 0.00	31.63 2.00 0.00	30.46 1.93 0.00
EAST_HAMPTON___DIESEL 23722	47.36 2.73 -3.88	38.71 2.37 0.00	37.53 2.17 0.00	35.00 1.58 0.00	36.42 1.55 0.00	29.94 1.32 0.00	29.52 1.64 -2.58	49.67 2.98 -15.45	40.72 4.65 0.00	45.25 5.41 -1.24	66.48 6.00 -21.53	205.30 6.79 -158.41	207.96 7.10 -160.49	267.87 7.31 -214.79	247.85 9.57 -176.49	258.54 7.03 -206.49	267.88 8.20 -209.98	257.77 7.44 -207.50	265.37 6.11 -222.56	251.34 6.52 -202.75	299.76 6.12 -253.89	74.30 4.34 -39.85	34.34 4.04 -0.67	35.50 4.08 -2.91
EAST_POINT___SOLAR 323840	44.34 3.59 0.00	39.28 2.94 0.00	38.10 2.74 0.00	35.96 2.54 0.00	37.48 2.62 0.00	30.87 2.25 0.00	27.14 1.84 0.00	32.76 1.52 0.00	37.43 1.36 0.00	40.34 1.73 0.00	40.75 1.80 0.00	42.22 2.13 0.00	43.07 2.70 0.00	50.17 4.40 0.00	66.24 4.45 0.00	47.51 2.49 0.00	52.78 3.07 0.00	46.65 3.81 0.00	40.29 3.59 0.00	46.10 4.03 0.00	43.53 3.78 0.00	32.99 2.89 0.00	32.31 2.67 0.00	31.00 2.47 0.00
EAST_PULASKI___ESR 323781	43.09 0.50 -1.84	37.16 0.19 -0.62	35.72 0.07 -0.28	34.08 -0.01 -0.68	37.95 -0.11 -3.20	29.67 -0.03 -1.09	25.36 0.06 0.00	31.96 0.28 -0.44	36.82 0.29 -0.45	43.27 0.39 -4.27	43.86 0.52 -4.39	45.30 0.46 -4.75	41.53 0.27 -0.89	52.47 0.28 -6.41	65.72 0.58 -3.36	47.96 0.36 -2.58	57.46 0.16 -7.59	48.65 0.26 -5.55	40.91 0.45 -3.76	47.90 0.51 -5.31	44.93 0.49 -4.70	32.19 0.39 -1.70	31.62 0.34 -1.65	30.00 0.28 -1.20
EAST_RIVER___1 323558	43.21 2.46 0.00	38.42 2.08 0.00	37.32 1.95 0.00	35.09 1.67 0.00	36.44 1.58 0.00	30.03 1.42 0.00	29.36 1.51 -2.55	48.84 2.28 -15.32	39.13 3.06 0.00	41.93 3.32 0.00	42.51 3.55 0.00	43.99 3.89 0.00	44.46 4.09 0.00	50.09 4.31 0.00	67.56 5.77 0.00	49.42 4.40 0.00	54.78 5.07 0.00	62.19 4.30 -15.07	51.02 3.39 -10.93	45.75 3.68 0.00	43.12 3.38 0.00	32.57 2.47 0.00	31.90 2.26 0.00	30.74 2.22 0.00
EAST_RIVER___2 323559	43.17 2.42 0.00	38.47 2.13 0.00	37.38 2.01 0.00	35.14 1.73 0.00	36.49 1.63 0.00	30.07 1.45 0.00	29.38 1.53 -2.55	48.88 2.33 -15.32	39.20 3.13 0.00	42.03 3.43 0.00	42.61 3.65 0.00	44.10 4.01 0.00	44.58 4.21 0.00	50.22 4.44 0.00	67.72 5.92 0.00	49.55 4.53 0.00	54.92 5.21 0.00	62.28 4.39 -15.07	51.10 3.47 -10.93	45.84 3.76 0.00	43.24 3.50 0.00	32.64 2.54 0.00	31.93 2.30 0.00	30.79 2.27 0.00
EAST___DELAWARE_HYD 23607	41.89 1.14 0.00	37.17 0.82 0.00	36.10 0.73 0.00	33.99 0.57 0.00	35.31 0.45 0.00	29.06 0.44 0.00	25.34 0.57 0.53	29.02 0.96 3.18	37.53 1.46 0.00	40.05 1.45 0.00	39.64 0.69 0.00	41.03 0.94 0.00	41.52 1.16 0.00	46.98 1.20 0.00	63.51 1.72 0.00	46.53 1.51 0.00	51.56 1.85 0.00	44.29 1.51 0.06	37.77 1.06 0.00	43.08 1.00 0.00	40.63 0.88 0.00	30.79 0.68 0.00	30.80 1.18 0.00	29.58 1.06 0.00
EIGHT_POINT___WT_PWR 323820	44.03 3.04 -0.24	38.32 1.90 -0.08	36.89 1.49 -0.04	34.73 1.22 -0.09	36.13 0.85 -0.42	29.68 0.93 -0.14	26.25 0.95 0.00	33.19 1.89 -0.06	38.22 2.09 -0.06	41.81 2.65 -0.55	42.10 2.58 -0.58	43.49 2.78 -0.62	43.30 2.81 -0.12	49.08 2.47 -0.84	66.59 3.31 -1.49	47.38 1.54 -0.83	52.66 1.96 -0.99	45.71 2.16 -0.73	39.23 2.04 -0.49	44.97 2.20 -0.69	42.23 1.87 -0.62	31.56 1.23 -0.22	31.28 1.43 -0.21	30.10 1.42 -0.16
ELBRIDGE_115KV_TB2 80188	42.43 0.46 -1.22	36.90 0.14 -0.41	35.58 0.03 -0.19	33.83 -0.04 -0.45	36.75 -0.23 -2.13	29.24 -0.10 -0.73	25.28 -0.02 0.00	31.79 0.26 -0.29	36.68 0.31 -0.30	41.83 0.38 -2.84	42.35 0.48 -2.92	43.82 0.57 -3.16	41.57 0.61 -0.59	50.53 0.48 -4.27	70.04 0.77 -7.48	49.70 0.53 -4.15	55.32 0.55 -5.05	47.12 0.59 -3.70	39.78 0.58 -2.50	46.09 0.48 -3.54	43.20 0.33 -3.13	31.44 0.22 -1.13	30.92 0.20 -1.10	29.40 0.08 -0.79
ELEC_TRO_TEK 24086	47.36 2.73 -3.88	38.60 2.26 0.00	37.52 2.16 0.00	35.27 1.85 0.00	36.61 1.75 0.00	30.16 1.54 0.00	29.48 1.61 -2.58	48.97 2.28 -15.45	39.05 2.98 0.00	42.62 3.27 -0.75	61.93 3.76 -19.22	83.80 4.12 -39.59	102.62 4.30 -57.95	178.04 4.63 -127.63	249.94 6.21 -181.94	251.66 4.70 -201.94	270.71 5.43 -215.57	231.60 4.61 -184.16	220.52 3.71 -180.10	46.32 3.91 -0.33	43.21 3.46 0.00	32.91 2.48 -0.33	31.99 2.36 -0.01	30.77 2.25 0.00

ELLENBURG_WT_PWR 323604	40.38 -0.37 0.00	36.08 -0.26 0.00	35.04 -0.32 0.00	33.21 -0.21 0.00	34.93 0.07 0.00	28.68 0.06 0.00	25.32 0.02 0.00	30.97 -0.27 0.00	35.54 -0.53 0.00	37.83 -0.78 0.00	38.08 -0.87 0.00	39.14 -0.96 0.00	39.37 -1.00 0.00	44.97 -0.81 0.00	60.30 -1.49 0.00	44.24 -0.78 0.00	48.73 -0.98 0.00	41.56 -1.27 0.00	35.60 -1.11 0.00	41.09 -0.98 0.00	39.00 -0.74 0.00	29.54 -0.56 0.00	29.20 -0.43 0.00	28.17 -0.36 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.36 2.61 0.00	37.62 1.28 0.00	36.17 0.80 0.00	33.92 0.50 0.00	34.70 -0.16 0.00	28.72 0.10 0.00	25.53 0.22 0.00	32.41 1.16 0.00	37.41 1.33 0.00	40.57 1.96 0.00	41.27 2.32 0.00	42.43 2.34 0.00	42.74 2.37 0.00	47.42 1.64 0.00	63.62 1.82 0.00	46.05 1.03 0.00	50.90 1.19 0.00	43.87 1.04 0.00	37.49 0.79 0.00	42.86 0.78 0.00	40.22 0.46 -0.02	30.36 0.26 0.00	30.21 0.58 0.00	29.15 0.63 0.00
EMPIRE_CC_1 323656	41.95 1.20 0.00	37.51 1.17 0.00	36.57 1.21 0.00	34.48 1.06 0.00	35.86 1.00 0.00	29.36 0.75 0.00	26.59 0.74 -0.55	35.65 1.09 -3.32	37.33 1.26 0.00	39.77 1.17 0.00	39.64 0.69 0.00	40.75 0.66 0.00	41.02 0.66 0.00	46.65 0.87 0.00	63.03 1.24 0.00	45.93 0.91 0.00	50.60 0.89 0.00	48.54 0.82 -4.88	40.96 0.71 -3.56	42.94 0.86 0.00	40.56 0.81 0.00	30.85 0.75 0.00	30.31 0.68 0.00	29.22 0.70 0.00
EMPIRE_CC_2 323658	41.95 1.20 0.00	37.51 1.17 0.00	36.57 1.21 0.00	34.48 1.06 0.00	35.86 1.00 0.00	29.36 0.75 0.00	26.59 0.74 -0.55	35.65 1.09 -3.32	37.33 1.26 0.00	39.77 1.17 0.00	39.64 0.69 0.00	40.75 0.66 0.00	41.02 0.66 0.00	46.65 0.87 0.00	63.03 1.24 0.00	45.93 0.91 0.00	50.60 0.89 0.00	48.54 0.82 -4.88	40.96 0.71 -3.56	42.94 0.86 0.00	40.56 0.81 0.00	30.85 0.75 0.00	30.31 0.68 0.00	29.22 0.70 0.00
ENORWICH_115KV_TB1 80156	45.56 4.36 -0.45	39.95 3.46 -0.15	38.64 3.21 -0.07	36.51 2.92 -0.17	38.52 2.88 -0.78	31.43 2.55 -0.27	27.72 2.42 0.00	34.68 3.33 -0.11	39.86 3.68 -0.11	43.46 3.80 -1.05	43.89 3.87 -1.07	45.81 4.55 -1.16	45.42 4.83 -0.22	52.20 4.85 -1.57	70.13 5.59 -2.75	51.01 4.47 -1.52	57.01 5.45 -1.86	49.33 5.14 -1.36	42.32 4.70 -0.92	48.70 5.32 -1.30	45.84 4.94 -1.15	34.16 3.64 -0.42	33.38 3.35 -0.40	31.70 2.88 -0.29
ERIE_ST__34_KV_TB1-2 80199	44.03 3.28 0.00	38.19 1.85 0.00	36.70 1.34 0.00	34.41 0.99 0.00	35.24 0.37 0.00	29.17 0.56 0.00	25.94 0.64 0.00	32.96 1.71 0.00	38.09 2.02 0.00	41.36 2.76 0.00	42.07 3.12 0.00	43.32 3.23 0.00	43.69 3.32 0.00	48.53 2.74 -0.02	65.30 3.51 0.00	47.29 2.27 0.00	52.31 2.60 0.00	45.08 2.25 0.00	38.47 1.76 0.00	43.92 1.84 0.00	41.21 1.45 -0.01	31.06 0.95 0.00	30.82 1.19 0.00	29.72 1.20 0.00
ERIE_WT_PWR 323693	43.70 2.95 0.00	37.90 1.56 0.00	36.42 1.05 0.00	34.16 0.74 0.00	34.95 0.09 0.00	28.92 0.31 0.00	25.71 0.40 0.00	32.65 1.41 0.00	37.72 1.66 0.00	40.93 2.33 0.00	41.69 2.74 0.00	42.90 2.81 0.00	43.20 2.83 0.00	47.94 2.16 0.00	64.35 2.56 0.00	46.58 1.56 0.00	51.50 1.78 0.00	44.43 1.59 0.00	37.95 1.25 0.00	43.34 1.26 0.00	40.66 0.91 -0.01	30.68 0.58 0.00	30.50 0.87 0.00	29.42 0.90 0.00
ESPRGFLD_115KV_TB1 80157	43.45 2.70 0.00	38.48 2.14 0.00	37.35 1.99 0.00	35.28 1.86 0.00	36.75 1.89 0.00	30.26 1.64 0.00	26.80 1.50 0.00	33.06 1.82 0.00	38.26 2.19 0.00	41.22 2.61 0.00	41.79 2.84 0.00	43.26 3.17 0.00	43.80 3.43 0.00	49.52 3.74 0.00	66.19 4.40 0.00	48.19 3.17 0.00	53.57 3.86 0.00	46.61 3.78 0.00	39.86 3.16 0.00	45.45 3.38 0.00	42.83 3.09 0.00	32.35 2.25 0.00	31.70 2.07 0.00	30.43 1.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.26 1.89 -0.62	37.88 1.33 -0.21	36.63 1.17 -0.09	34.67 1.02 -0.23	36.83 0.89 -1.08	29.81 0.83 -0.37	26.11 0.81 0.00	32.74 1.35 -0.15	37.73 1.50 -0.15	41.70 1.65 -1.45	42.11 1.67 -1.49	43.57 1.87 -1.61	42.59 1.92 -0.30	49.88 1.93 -2.17	68.22 2.63 -3.80	49.21 2.08 -2.11	54.59 2.30 -2.57	46.80 2.09 -1.88	39.97 2.00 -1.27	46.04 2.16 -1.80	43.28 1.94 -1.59	32.08 1.40 -0.58	31.51 1.32 -0.56	30.05 1.12 -0.41
ETNA____115KV_TB2 80207	43.26 1.89 -0.62	37.88 1.33 -0.21	36.63 1.17 -0.09	34.67 1.02 -0.23	36.83 0.89 -1.08	29.81 0.83 -0.37	26.11 0.81 0.00	32.74 1.35 -0.15	37.73 1.50 -0.15	41.70 1.65 -1.45	42.11 1.67 -1.49	43.57 1.87 -1.61	42.59 1.92 -0.30	49.88 1.93 -2.17	68.22 2.63 -3.80	49.21 2.08 -2.11	54.59 2.30 -2.57	46.80 2.09 -1.88	39.97 2.00 -1.27	46.04 2.16 -1.80	43.28 1.94 -1.59	32.08 1.40 -0.58	31.51 1.32 -0.56	30.05 1.12 -0.41
EUCLID__115KV_TB2 356179	41.42 0.14 -0.53	36.41 -0.11 -0.18	35.24 -0.21 -0.08	33.35 -0.26 -0.19	35.36 -0.42 -0.92	28.63 -0.30 -0.31	25.10 -0.20 0.00	31.37 0.00 -0.13	36.24 0.04 -0.13	39.99 0.16 -1.23	40.46 0.25 -1.26	41.75 0.30 -1.36	40.96 0.33 -0.26	47.88 0.26 -1.84	64.57 0.39 -2.39	46.76 0.23 -1.51	52.18 0.28 -2.18	44.73 0.31 -1.60	38.06 0.28 -1.08	43.82 0.22 -1.53	41.19 0.10 -1.35	30.60 0.02 -0.49	30.09 -0.02 -0.47	28.80 -0.07 -0.34
E_CANADA_CAP_HY 24051	43.79 3.04 0.00	38.82 2.48 0.00	37.67 2.31 0.00	35.58 2.16 0.00	37.10 2.25 0.00	30.56 1.95 0.00	27.00 1.70 0.00	33.09 1.84 0.00	38.09 2.02 0.00	41.00 2.40 0.00	41.48 2.53 0.00	42.92 2.83 0.00	43.47 3.10 0.00	49.56 3.78 0.00	66.28 4.49 0.00	47.98 2.96 0.00	53.14 3.43 0.00	46.55 3.72 0.00	39.85 3.15 0.00	45.49 3.41 0.00	42.90 3.15 0.00	32.53 2.43 0.00	31.88 2.25 0.00	30.65 2.13 0.00
E_CANADA_MHWK_HY 24050	42.21 1.46 0.00	37.63 1.29 0.00	36.60 1.24 0.00	34.47 1.05 0.00	35.80 0.94 0.00	29.34 0.73 0.00	25.96 0.66 0.00	32.18 0.94 0.00	36.97 0.90 0.00	39.56 0.95 0.00	39.71 0.76 0.00	41.01 0.91 0.00	41.43 1.06 0.00	47.19 1.41 0.00	64.13 2.34 0.00	46.11 1.09 0.00	50.68 0.97 0.00	44.22 1.39 0.00	38.17 1.47 0.00	43.67 1.60 0.00	41.16 1.42 0.00	31.21 1.11 0.00	30.67 1.04 0.00	29.44 0.92 0.00
E_FISHKILL__LBMP 23776	42.65 1.90 0.00	37.96 1.62 0.00	36.92 1.55 0.00	34.75 1.33 0.00	36.11 1.25 0.00	29.71 1.10 0.00	27.35 1.16 -0.89	38.29 1.72 -5.33	38.35 2.28 0.00	41.05 2.44 0.00	41.52 2.56 0.00	42.88 2.79 0.00	43.29 2.93 0.00	48.92 3.14 0.00	66.04 4.25 0.00	48.26 3.25 0.00	53.43 3.72 0.00	56.91 3.17 -10.90	47.21 2.53 -7.97	44.78 2.71 0.00	42.21 2.46 0.00	31.94 1.84 0.00	31.31 1.68 0.00	30.14 1.62 0.00
FALCON____SEABRD_CC1 323796	40.89 0.14 0.00	36.51 0.17 0.00	35.45 0.08 0.00	33.57 0.15 0.00	35.31 0.45 0.00	29.03 0.41 0.00	25.69 0.39 0.00	31.41 0.17 0.00	36.07 0.00 0.00	38.34 -0.26 0.00	38.56 -0.39 0.00	39.63 -0.46 0.00	39.89 -0.48 0.00	45.67 -0.11 0.00	60.92 -0.87 0.00	44.81 -0.21 0.00	49.23 -0.48 0.00	41.71 -1.12 0.00	35.72 -0.98 0.00	41.28 -0.79 0.00	39.28 -0.47 0.00	29.76 -0.34 0.00	29.54 -0.09 0.00	28.52 0.00 0.00

FALCON___SEABRD_CC2 323797	40.89 0.14 0.00	36.51 0.17 0.00	35.45 0.08 0.00	33.57 0.15 0.00	35.31 0.45 0.00	29.03 0.41 0.00	25.69 0.39 0.00	31.41 0.17 0.00	36.07 0.00 0.00	38.34 -0.26 0.00	38.56 -0.39 0.00	39.63 -0.46 0.00	39.89 -0.48 0.00	45.67 -0.11 0.00	60.92 -0.87 0.00	44.81 -0.21 0.00	49.23 -0.48 0.00	41.71 -1.12 0.00	35.72 -0.98 0.00	41.28 -0.79 0.00	39.28 -0.47 0.00	29.76 -0.34 0.00	29.54 -0.09 0.00	28.52 0.00 0.00
FAR ROCKAWAY___4 23548	48.09 3.46 -3.88	39.19 2.85 0.00	38.07 2.70 0.00	35.77 2.35 0.00	37.11 2.25 0.00	30.59 1.98 0.00	29.87 1.99 -2.58	49.48 2.79 -15.45	39.71 3.64 0.00	43.05 3.69 -0.75	62.42 4.26 -19.22	84.36 4.68 -39.59	101.92 4.86 -56.69	171.58 5.28 -120.52	245.64 7.12 -176.73	247.41 5.37 -197.02	269.66 6.17 -213.78	229.77 5.27 -181.66	217.60 4.26 -176.64	46.89 4.48 -0.33	43.74 3.99 0.00	33.30 2.88 -0.33	32.63 2.99 -0.01	31.34 2.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.24 2.49 0.00	38.44 2.10 0.00	37.33 1.97 0.00	35.10 1.68 0.00	36.45 1.59 0.00	30.04 1.42 0.00	29.38 1.53 -2.55	48.85 2.29 -15.31	39.14 3.07 0.00	41.95 3.35 0.00	42.53 3.58 0.00	43.99 3.90 0.00	44.46 4.09 0.00	50.10 4.32 0.00	67.57 5.77 0.00	49.42 4.40 0.00	54.78 5.07 0.00	62.20 4.30 -15.07	51.03 3.40 -10.93	45.76 3.68 0.00	43.13 3.39 0.00	32.58 2.48 0.00	31.91 2.27 0.00	30.74 2.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.27 2.52 0.00	38.46 2.11 0.00	37.35 1.98 0.00	35.12 1.70 0.00	36.46 1.60 0.00	30.05 1.44 0.00	29.39 1.53 -2.55	48.85 2.30 -15.31	39.15 3.08 0.00	41.96 3.35 0.00	42.53 3.58 0.00	44.02 3.92 0.00	44.48 4.12 0.00	50.11 4.34 0.00	67.58 5.78 0.00	49.45 4.44 0.00	54.83 5.11 0.00	62.23 4.34 -15.07	51.07 3.44 -10.93	45.80 3.72 0.00	43.17 3.42 0.00	32.61 2.51 0.00	31.94 2.31 0.00	30.76 2.24 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.21 2.47 0.00	38.41 2.07 0.00	37.31 1.94 0.00	35.08 1.67 0.00	36.43 1.57 0.00	30.03 1.41 0.00	29.36 1.51 -2.55	48.83 2.28 -15.31	39.12 3.05 0.00	41.92 3.31 0.00	42.49 3.54 0.00	43.97 3.88 0.00	44.43 4.06 0.00	50.05 4.27 0.00	67.51 5.71 0.00	49.37 4.36 0.00	54.73 5.02 0.00	62.16 4.26 -15.07	51.00 3.37 -10.93	45.71 3.64 0.00	43.10 3.35 0.00	32.55 2.45 0.00	31.88 2.25 0.00	30.71 2.19 0.00
FARRAGUT___LBMP 323566	43.18 2.43 0.00	38.38 2.04 0.00	37.28 1.91 0.00	35.05 1.63 0.00	36.40 1.53 0.00	30.00 1.39 0.00	29.34 1.48 -2.55	48.79 2.23 -15.31	39.07 3.00 0.00	41.87 3.26 0.00	42.44 3.49 0.00	43.91 3.82 0.00	44.37 4.01 0.00	49.99 4.21 0.00	67.40 5.61 0.00	49.31 4.30 0.00	54.67 4.96 0.00	62.10 4.20 -15.07	50.95 3.32 -10.93	45.67 3.59 0.00	43.05 3.30 0.00	32.52 2.42 0.00	31.86 2.22 0.00	30.69 2.17 0.00
FENNER___WINDPWR 24204	42.94 1.72 -0.47	37.81 1.31 -0.16	36.60 1.16 -0.07	34.62 1.02 -0.17	36.65 0.97 -0.82	29.74 0.84 -0.28	26.03 0.73 0.00	32.38 1.02 -0.11	37.37 1.18 -0.11	41.01 1.31 -1.09	41.50 1.42 -1.13	42.76 1.45 -1.22	42.04 1.45 -0.23	49.01 1.59 -1.64	66.53 2.14 -2.59	48.11 1.62 -1.48	53.65 2.00 -1.95	45.97 1.71 -1.42	39.24 1.58 -0.96	45.18 1.75 -1.36	42.60 1.65 -1.20	31.74 1.20 -0.43	31.18 1.12 -0.42	29.96 1.13 -0.31
FIBERTEK___ENERGY 23856	42.41 0.51 -1.15	36.94 0.21 -0.39	35.61 0.07 -0.18	33.86 0.01 -0.43	36.73 -0.14 -2.01	29.25 -0.05 -0.69	25.32 0.02 0.00	31.81 0.29 -0.27	36.70 0.34 -0.28	41.68 0.39 -2.68	42.19 0.48 -2.76	43.64 0.57 -2.98	41.54 0.61 -0.56	50.36 0.56 -4.03	69.73 0.84 -7.10	49.54 0.59 -3.93	55.13 0.64 -4.77	46.98 0.66 -3.49	39.68 0.61 -2.36	45.98 0.56 -3.34	43.10 0.40 -2.95	31.40 0.23 -1.07	30.86 0.19 -1.03	29.38 0.11 -0.75
FITZPATRICK____ 23598	33.67 -0.68 6.40	33.40 -0.79 2.16	33.55 -0.83 0.98	30.20 -0.85 2.37	22.72 -0.99 11.15	24.03 -0.78 3.81	24.67 -0.63 0.00	29.10 -0.61 1.53	33.80 -0.69 1.57	23.04 -0.67 14.90	23.01 -0.62 15.32	22.93 -0.61 16.56	36.66 -0.60 3.11	22.64 -0.78 22.36	22.19 -1.07 38.53	22.80 -0.81 21.41	22.35 -0.88 26.48	22.77 -0.69 19.37	23.02 -0.58 13.10	22.81 -0.73 18.54	22.59 -0.77 16.39	23.58 -0.61 5.91	23.28 -0.61 5.74	23.73 -0.62 4.17
FLOWRFLD_69_KV_BK1 356044	47.79 3.16 -3.88	38.93 2.59 0.00	37.82 2.45 0.00	35.49 2.07 0.00	36.81 1.95 0.00	30.33 1.71 0.00	29.68 1.80 -2.58	49.22 2.52 -15.45	39.40 3.32 0.00	43.75 3.74 -1.41	65.71 4.45 -22.31	238.47 4.73 -193.65	242.30 4.86 -197.07	304.37 5.25 -253.34	249.11 6.97 -180.35	264.29 5.28 -214.00	265.78 6.01 -210.06	289.00 5.16 -241.00	300.91 4.15 -260.06	294.62 4.43 -248.11	310.85 3.91 -267.19	69.32 2.76 -36.45	32.75 2.59 -0.53	33.41 2.59 -2.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.46 2.71 0.00	38.61 2.26 0.00	37.51 2.14 0.00	35.28 1.86 0.00	36.64 1.78 0.00	30.16 1.54 0.00	26.87 1.57 0.00	33.51 2.27 0.00	39.04 2.97 0.00	41.86 3.25 0.00	42.40 3.45 0.00	43.90 3.81 0.00	44.40 4.03 0.00	50.19 4.41 0.00	67.84 6.05 0.00	49.52 4.50 0.00	54.79 5.08 0.00	55.62 4.24 -8.55	46.40 3.40 -6.30	45.72 3.65 0.00	43.08 3.33 0.00	32.56 2.46 0.00	31.87 2.24 0.00	30.64 2.12 0.00
FORT ORANGE____ 23900	42.04 1.29 0.00	37.66 1.32 0.00	36.79 1.42 0.00	34.69 1.27 0.00	36.08 1.22 0.00	29.53 0.91 0.00	26.43 0.72 -0.41	34.64 0.94 -2.46	37.01 0.94 0.00	39.42 0.82 0.00	39.49 0.54 0.00	40.55 0.46 0.00	40.84 0.47 0.00	46.54 0.76 0.00	63.04 1.24 0.00	45.97 0.95 0.00	50.38 0.67 0.00	47.02 0.50 -3.69	39.93 0.51 -2.72	42.80 0.73 0.00	40.48 0.74 0.00	30.77 0.67 0.00	30.34 0.71 0.00	29.21 0.69 0.00
FORT_DRUM_COGEN 23780	44.16 2.49 -0.92	38.55 1.90 -0.31	37.17 1.66 -0.14	35.24 1.49 -0.34	37.99 1.53 -1.60	30.52 1.35 -0.55	26.62 1.32 0.00	33.21 1.75 -0.22	38.22 1.92 -0.23	42.79 2.05 -2.14	43.43 2.27 -2.20	44.41 1.94 -2.38	42.37 1.55 -0.45	50.94 1.95 -3.21	64.86 1.81 -1.26	47.75 1.50 -1.23	55.20 1.68 -3.81	47.21 1.59 -2.78	40.69 2.11 -1.88	47.21 2.47 -2.66	44.68 2.58 -2.36	32.94 1.99 -0.85	32.30 1.84 -0.82	30.69 1.57 -0.60
FOX_HILLS___ESR 323835	43.32 2.56 0.00	38.53 2.19 0.00	37.40 2.04 0.00	35.16 1.74 0.00	36.50 1.63 0.00	30.12 1.51 0.00	29.47 1.62 -2.55	48.92 2.36 -15.31	39.25 3.16 -0.02	60.83 3.34 -18.89	53.17 3.49 -10.73	55.42 3.90 -11.43	72.89 4.09 -28.44	72.82 4.33 -22.71	74.73 5.69 -7.25	84.00 4.47 -34.51	78.60 5.12 -23.76	86.50 4.25 -39.42	86.24 3.33 -46.21	89.53 3.61 -43.85	89.51 3.33 -46.43	89.47 2.46 -56.91	83.09 2.24 -51.22	67.47 2.23 -36.72
FPL FAR_ROCK_GT1 24212	48.09 3.46 -3.88	39.19 2.85 0.00	38.07 2.70 0.00	35.77 2.35 0.00	37.11 2.25 0.00	30.59 1.97 0.00	29.87 1.99 -2.58	49.48 2.79 -15.45	39.72 3.64 0.00	43.05 3.69 -0.75	62.42 4.26 -19.22	84.36 4.68 -39.59	101.92 4.86 -56.69	171.57 5.27 -120.52	245.64 7.12 -176.73	247.40 5.37 -197.02	269.66 6.17 -213.78	229.76 5.27 -181.67	217.59 4.25 -176.64	46.89 4.49 -0.33	43.74 4.00 0.00	33.30 2.88 -0.33	32.63 2.99 -0.01	31.34 2.82 0.00

FPL FAR_ROCK_GT2 23815	48.09 3.46 -3.88	39.19 2.85 0.00	38.07 2.70 0.00	35.77 2.35 0.00	37.11 2.25 0.00	30.59 1.97 0.00	29.87 1.99 -2.58	49.48 2.79 -15.45	39.72 3.64 0.00	43.05 3.69 -0.75	62.42 4.26 -19.22	84.36 4.68 -39.59	101.92 4.86 -56.69	171.57 5.27 -120.52	245.64 7.12 -176.73	247.40 5.37 -197.02	269.66 6.17 -213.78	229.76 5.27 -181.67	217.59 4.25 -176.64	46.89 4.49 -0.33	43.74 4.00 0.00	33.30 2.88 -0.33	32.63 2.99 -0.01	31.34 2.82 0.00
FRANKLIN_FALL_HYD 24054	40.63 -0.12 0.00	36.25 -0.10 0.00	35.19 -0.18 0.00	33.35 -0.07 0.00	35.09 0.23 0.00	28.82 0.20 0.00	25.46 0.16 0.00	31.07 -0.17 0.00	35.54 -0.53 0.00	37.83 -0.78 0.00	38.13 -0.82 0.00	39.13 -0.96 0.00	39.32 -1.05 0.00	44.85 -0.93 0.00	60.14 -1.65 0.00	44.23 -0.78 0.00	48.80 -0.91 0.00	41.70 -1.14 0.00	35.76 -0.94 0.00	41.35 -0.73 0.00	39.23 -0.51 0.00	29.74 -0.36 0.00	29.37 -0.26 0.00	28.31 -0.21 0.00
FREEPORT_EQUS_GT1 23764	47.68 3.05 -3.88	38.84 2.49 0.00	37.75 2.38 0.00	35.45 2.03 0.00	36.78 1.92 0.00	30.30 1.69 0.00	29.62 1.74 -2.58	49.17 2.47 -15.45	39.21 3.13 0.00	42.79 3.44 -0.75	62.05 3.88 -19.22	83.95 4.27 -39.59	101.93 4.46 -57.09	174.53 4.82 -123.94	247.56 6.50 -179.28	249.35 4.92 -199.42	270.04 5.70 -214.63	230.62 4.87 -182.92	216.76 3.90 -176.15	46.51 4.11 -0.33	43.37 3.62 0.00	33.08 2.66 -0.33	32.20 2.57 -0.01	31.02 2.50 0.00
FREEPORT___CT2 23818	47.68 3.05 -3.88	38.84 2.49 0.00	37.75 2.38 0.00	35.45 2.03 0.00	36.78 1.92 0.00	30.30 1.69 0.00	29.62 1.74 -2.58	49.17 2.47 -15.45	39.21 3.13 0.00	42.79 3.44 -0.75	62.05 3.88 -19.22	83.95 4.27 -39.59	101.93 4.46 -57.09	174.53 4.82 -123.94	247.56 6.50 -179.28	249.35 4.92 -199.42	270.04 5.70 -214.63	230.62 4.87 -182.92	216.76 3.90 -176.15	46.51 4.11 -0.33	43.37 3.62 0.00	33.08 2.66 -0.33	32.20 2.57 -0.01	31.02 2.50 0.00
FRESHKLS_33_KV_LOAD 356253	43.31 2.56 0.00	38.55 2.21 0.00	37.43 2.06 0.00	35.17 1.75 0.00	36.51 1.65 0.00	30.15 1.53 0.00	29.49 1.64 -2.55	48.93 2.38 -15.31	39.24 3.15 -0.02	60.78 3.29 -18.89	53.16 3.48 -10.73	55.46 3.94 -11.43	72.92 4.11 -28.44	72.90 4.41 -22.71	74.89 5.85 -7.25	84.12 4.59 -34.51	78.79 5.31 -23.76	86.68 4.43 -39.42	86.37 3.45 -46.21	89.68 3.76 -43.85	89.66 3.48 -46.43	89.56 2.56 -56.91	83.16 2.31 -51.22	67.46 2.22 -36.72
FULTON COGEN____ 23766	42.82 -0.02 -2.09	36.81 -0.23 -0.70	35.37 -0.32 -0.32	33.82 -0.37 -0.77	37.97 -0.52 -3.63	29.48 -0.38 -1.24	25.04 -0.26 0.00	31.65 -0.09 -0.50	36.50 -0.09 -0.51	43.49 0.03 -4.85	44.02 0.08 -4.99	45.60 0.12 -5.40	41.45 0.07 -1.01	53.01 -0.05 -7.29	66.92 1.18 -3.95	50.32 0.36 -4.94	58.39 0.05 -8.63	49.26 0.12 -6.31	41.13 0.15 -4.27	48.23 0.11 -6.04	45.10 0.01 -5.34	31.98 -0.05 -1.93	31.42 -0.08 -1.87	29.76 -0.13 -1.36
FULTON___LFGE 323630	45.66 4.91 0.00	40.49 4.15 0.00	39.31 3.94 0.00	37.03 3.61 0.00	38.59 3.73 0.00	31.70 3.09 0.00	27.65 2.35 0.00	33.10 1.86 0.00	37.56 1.49 0.00	41.12 2.52 0.00	39.30 0.34 0.00	41.73 1.64 0.00	42.00 1.63 0.00	49.00 3.22 0.00	67.68 5.88 0.00	46.92 1.90 0.00	52.26 2.54 0.00	50.31 7.47 0.00	43.15 6.45 0.00	47.76 5.68 0.00	45.30 5.55 0.00	34.14 4.04 0.00	33.38 3.75 0.00	32.01 3.49 0.00
G.F.CEMENT___DRP 24184	43.73 2.98 0.00	39.01 2.67 0.00	37.87 2.50 0.00	35.69 2.27 0.00	37.11 2.25 0.00	30.56 1.94 0.00	27.63 1.93 -0.40	36.25 2.63 -2.38	39.08 3.00 0.00	41.63 3.02 0.00	41.54 2.59 0.00	42.47 2.37 0.00	42.68 2.31 0.00	48.53 2.75 0.00	66.15 4.36 0.00	48.08 3.06 0.00	52.86 3.15 0.00	49.38 3.14 -3.41	42.07 2.86 -2.51	45.28 3.20 0.00	42.75 3.00 0.00	32.43 2.33 0.00	31.82 2.19 0.00	30.62 2.10 0.00
GARDENVILLE___LBMP 24039	43.51 2.76 0.00	37.76 1.41 0.00	36.29 0.93 0.00	34.03 0.62 0.00	34.84 -0.02 0.00	28.83 0.21 0.00	25.62 0.32 0.00	32.53 1.28 0.00	37.57 1.50 0.00	40.77 2.16 0.00	41.46 2.51 0.00	42.65 2.56 0.00	42.97 2.60 0.00	47.67 1.89 0.00	63.97 2.18 0.00	46.31 1.30 0.00	51.20 1.49 0.00	44.14 1.30 0.00	37.72 1.02 0.00	43.13 1.06 0.00	40.48 0.72 -0.01	30.54 0.44 0.00	30.37 0.74 0.00	29.30 0.78 0.00
GARDNVLA_35_KV_LD 355827	43.76 3.01 0.00	37.96 1.62 0.00	36.47 1.11 0.00	34.19 0.78 0.00	34.99 0.13 0.00	28.95 0.34 0.00	25.74 0.44 0.00	32.70 1.46 0.00	37.80 1.73 0.00	41.03 2.42 0.00	41.78 2.83 0.00	43.01 2.92 0.00	43.35 2.98 0.00	48.09 2.31 0.00	64.57 2.77 0.00	46.74 1.72 0.00	51.68 1.97 0.00	44.53 1.69 0.00	38.05 1.34 0.00	43.45 1.37 0.00	40.77 1.02 -0.01	30.75 0.64 0.00	30.57 0.93 0.00	29.47 0.95 0.00
GELCKHM___115KV_LOAD 80723	41.76 0.26 -0.75	36.59 0.00 -0.25	35.36 -0.12 -0.11	33.53 -0.17 -0.28	35.84 -0.32 -1.30	28.84 -0.22 -0.45	25.18 -0.12 0.00	31.52 0.10 -0.18	36.40 0.14 -0.18	40.58 0.23 -1.75	41.06 0.31 -1.79	42.42 0.39 -1.94	41.16 0.42 -0.36	48.75 0.36 -2.62	66.35 0.53 -4.03	47.73 0.36 -2.36	53.21 0.40 -3.10	45.52 0.42 -2.27	38.63 0.39 -1.53	44.57 0.33 -2.17	41.86 0.20 -1.92	30.88 0.09 -0.69	30.35 0.05 -0.67	29.00 -0.01 -0.49
GENERAL___MILLS 23808	43.65 2.90 0.00	37.87 1.52 0.00	36.39 1.03 0.00	34.13 0.71 0.00	34.92 0.06 0.00	28.90 0.29 0.00	25.69 0.39 0.00	32.62 1.38 0.00	37.70 1.63 0.00	40.91 2.30 0.00	41.63 2.68 0.00	42.84 2.75 0.00	43.17 2.80 0.00	47.89 2.11 0.00	64.28 2.48 0.00	46.54 1.52 0.00	51.44 1.73 0.00	44.34 1.51 0.00	37.89 1.19 0.00	43.30 1.22 0.00	40.63 0.87 -0.01	30.65 0.55 0.00	30.47 0.84 0.00	29.39 0.87 0.00
GE_PLASTICS___DRP 24183	41.73 0.99 0.00	37.41 1.06 0.00	36.52 1.16 0.00	34.46 1.04 0.00	35.84 0.98 0.00	29.35 0.74 0.00	26.35 0.65 -0.41	34.64 0.96 -2.44	37.15 1.07 0.00	39.58 0.97 0.00	39.56 0.61 0.00	40.59 0.50 0.00	40.89 0.52 0.00	46.47 0.69 0.00	62.84 1.05 0.00	45.76 0.75 0.00	50.29 0.57 0.00	46.86 0.46 -3.56	39.78 0.45 -2.63	42.66 0.59 0.00	40.33 0.58 0.00	30.69 0.59 0.00	30.32 0.69 0.00	29.24 0.71 0.00
GILBOA___1 23756	41.92 1.17 0.00	37.51 1.17 0.00	36.75 1.38 0.00	34.76 1.34 0.00	36.14 1.28 0.00	29.47 0.85 0.00	25.96 0.66 0.00	32.25 1.01 0.00	37.35 1.28 0.00	39.96 1.35 0.00	40.26 1.31 0.00	41.49 1.40 0.00	41.83 1.46 0.00	47.37 1.59 0.00	63.96 2.17 0.00	46.42 1.41 0.00	51.23 1.52 0.00	44.09 1.25 0.00	37.79 1.08 0.00	43.31 1.23 0.00	41.02 1.28 0.00	31.09 1.00 0.00	30.55 0.91 0.00	29.40 0.88 0.00
GILBOA___2 23757	41.92 1.17 0.00	37.51 1.17 0.00	36.75 1.38 0.00	34.76 1.34 0.00	36.14 1.28 0.00	29.47 0.85 0.00	25.96 0.66 0.00	32.25 1.01 0.00	37.35 1.28 0.00	39.96 1.35 0.00	40.26 1.31 0.00	41.49 1.40 0.00	41.83 1.46 0.00	47.37 1.59 0.00	63.96 2.17 0.00	46.42 1.41 0.00	51.23 1.52 0.00	44.09 1.25 0.00	37.79 1.08 0.00	43.31 1.23 0.00	41.02 1.28 0.00	31.09 1.00 0.00	30.55 0.91 0.00	29.40 0.88 0.00

GILBOA___3 23758	41.92 1.17 0.00	37.51 1.17 0.00	36.75 1.38 0.00	34.76 1.34 0.00	36.14 1.28 0.00	29.47 0.85 0.00	25.96 0.66 0.00	32.25 1.01 0.00	37.35 1.28 0.00	39.96 1.35 0.00	40.26 1.31 0.00	41.49 1.40 0.00	41.83 1.46 0.00	47.37 1.59 0.00	63.96 2.17 0.00	46.42 1.41 0.00	51.23 1.52 0.00	44.09 1.25 0.00	37.79 1.08 0.00	43.31 1.23 0.00	41.02 1.28 0.00	31.09 1.00 0.00	30.55 0.91 0.00	29.40 0.88 0.00
GILBOA___4 23759	41.92 1.17 0.00	37.51 1.17 0.00	36.75 1.38 0.00	34.76 1.34 0.00	36.14 1.28 0.00	29.47 0.85 0.00	25.96 0.66 0.00	32.25 1.01 0.00	37.35 1.28 0.00	39.96 1.35 0.00	40.26 1.31 0.00	41.49 1.40 0.00	41.83 1.46 0.00	47.37 1.59 0.00	63.96 2.17 0.00	46.42 1.41 0.00	51.23 1.52 0.00	44.09 1.25 0.00	37.79 1.08 0.00	43.31 1.23 0.00	41.02 1.28 0.00	31.09 1.00 0.00	30.55 0.91 0.00	29.40 0.88 0.00
GILBOA___ 23599	41.92 1.17 0.00	37.51 1.17 0.00	36.75 1.38 0.00	34.76 1.34 0.00	36.14 1.28 0.00	29.47 0.85 0.00	25.96 0.66 0.00	32.25 1.01 0.00	37.36 1.29 0.00	39.96 1.35 0.00	40.26 1.31 0.00	41.50 1.40 0.00	41.83 1.46 0.00	47.37 1.59 0.00	63.96 2.17 0.00	46.42 1.41 0.00	51.23 1.52 0.00	44.09 1.26 0.00	37.78 1.08 0.00	43.31 1.23 0.00	41.02 1.28 0.00	31.09 0.99 0.00	30.55 0.91 0.00	29.40 0.88 0.00
GINNA___ 23603	40.71 -0.04 0.00	35.70 -0.64 0.00	34.44 -0.93 0.00	32.36 -1.06 0.00	33.37 -1.49 0.00	27.52 -1.09 0.00	24.48 -0.82 0.00	30.76 -0.48 0.00	35.54 -0.53 0.00	38.35 -0.26 0.00	38.93 -0.03 0.00	40.03 -0.06 0.00	40.44 0.07 0.00	45.40 -0.38 0.00	61.12 -0.67 0.00	44.39 -0.63 0.00	49.05 -0.66 0.00	42.43 -0.40 0.00	36.22 -0.48 0.00	41.43 -0.65 0.00	38.84 -0.91 0.00	29.34 -0.76 0.00	28.95 -0.68 0.00	27.81 -0.71 0.00
GLEN PARK___ 23778	44.49 2.77 -0.97	38.79 2.12 -0.33	37.39 1.88 -0.15	35.44 1.67 -0.36	38.25 1.71 -1.69	30.70 1.51 -0.58	26.77 1.47 0.00	33.43 1.96 -0.23	38.46 2.15 -0.24	43.19 2.33 -2.25	43.83 2.56 -2.32	44.79 2.19 -2.50	42.61 1.77 -0.47	51.41 2.25 -3.38	65.15 2.03 -1.32	47.99 1.68 -1.29	55.59 1.88 -4.01	47.57 1.81 -2.93	41.07 2.39 -1.98	47.67 2.79 -2.80	45.16 2.93 -2.48	33.26 2.26 -0.90	32.57 2.07 -0.87	30.92 1.76 -0.63
GLENDALE_27_KV_LOAD 356172	43.43 2.68 0.00	38.60 2.25 0.00	37.46 2.10 0.00	35.22 1.80 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.52 1.66 -2.55	49.01 2.45 -15.31	39.35 3.28 0.00	42.15 3.54 0.00	42.72 3.77 0.00	44.22 4.13 0.00	44.70 4.33 0.00	50.25 4.47 0.00	67.73 5.95 0.00	49.63 4.61 0.00	54.98 5.27 0.00	62.25 4.36 -15.06	51.07 3.44 -10.93	45.79 3.71 0.00	43.19 3.45 0.00	32.65 2.55 0.00	31.99 2.36 0.00	30.89 2.37 0.00
GLENWOOD_IC_1_G5 23712	47.35 2.72 -3.88	38.60 2.26 0.00	37.78 2.42 0.00	35.50 2.08 0.00	36.83 1.96 0.00	30.35 1.73 0.00	29.65 1.78 -2.58	49.20 2.50 -15.45	39.09 3.02 0.00	42.71 3.36 -0.75	62.09 3.92 -19.22	84.01 4.33 -39.59	110.71 4.60 -65.74	210.46 4.95 -159.73	273.88 6.67 -205.41	274.20 5.03 -224.15	279.18 5.81 -223.65	243.12 4.92 -195.37	256.68 3.97 -216.01	46.58 4.17 -0.33	43.43 3.68 0.00	33.03 2.61 -0.33	32.07 2.43 -0.01	30.80 2.28 0.00
GLENWOOD_IC_2_G1 23688	47.49 2.86 -3.88	38.69 2.35 0.00	37.68 2.31 0.00	35.40 1.98 0.00	36.73 1.87 0.00	30.27 1.65 0.00	29.58 1.71 -2.58	49.11 2.42 -15.45	39.18 3.11 0.00	42.78 3.42 -0.75	62.10 3.94 -19.22	84.02 4.34 -39.59	123.57 4.57 -78.63	263.55 4.89 -212.88	266.54 6.53 -198.22	257.37 4.92 -207.43	272.95 5.67 -217.57	254.15 4.84 -206.49	316.03 3.92 -275.40	46.58 4.17 -0.33	43.45 3.70 0.00	33.06 2.64 -0.33	32.12 2.49 -0.01	30.88 2.36 0.00
GLENWOOD_IC_3_G1 23689	47.49 2.86 -3.88	38.69 2.35 0.00	37.68 2.31 0.00	35.40 1.98 0.00	36.73 1.87 0.00	30.27 1.65 0.00	29.58 1.71 -2.58	49.11 2.42 -15.45	39.18 3.11 0.00	42.78 3.42 -0.75	62.10 3.94 -19.22	84.02 4.34 -39.59	123.57 4.57 -78.63	263.55 4.89 -212.88	266.54 6.53 -198.22	257.37 4.92 -207.43	272.95 5.67 -217.57	254.15 4.84 -206.49	316.03 3.92 -275.40	46.58 4.17 -0.33	43.45 3.70 0.00	33.06 2.64 -0.33	32.12 2.49 -0.01	30.88 2.36 0.00
GLENWOOD___4 23550	47.46 2.83 -3.88	38.68 2.34 0.00	37.78 2.42 0.00	35.50 2.08 0.00	36.83 1.96 0.00	30.35 1.73 0.00	29.65 1.78 -2.58	49.20 2.51 -15.45	39.18 3.11 0.00	42.80 3.45 -0.75	62.19 4.02 -19.22	84.11 4.43 -39.59	110.80 4.69 -65.74	210.58 5.08 -159.73	274.04 6.84 -205.41	274.31 5.15 -224.15	279.29 5.92 -223.65	243.24 5.04 -195.37	256.76 4.05 -216.01	46.68 4.27 -0.33	43.53 3.78 0.00	33.11 2.68 -0.33	32.14 2.51 -0.01	30.88 2.35 0.00
GLENWOOD___5 23614	47.46 2.83 -3.88	38.68 2.34 0.00	37.78 2.42 0.00	35.50 2.08 0.00	36.83 1.96 0.00	30.35 1.73 0.00	29.65 1.78 -2.58	49.20 2.51 -15.45	39.18 3.11 0.00	42.80 3.45 -0.75	62.19 4.02 -19.22	84.11 4.43 -39.59	110.80 4.69 -65.74	210.58 5.08 -159.73	274.04 6.84 -205.41	274.31 5.15 -224.15	279.29 5.92 -223.65	243.24 5.04 -195.37	256.76 4.05 -216.01	46.68 4.27 -0.33	43.53 3.78 0.00	33.11 2.68 -0.33	32.14 2.51 -0.01	30.88 2.35 0.00
GLOBAL GREEN_PORT_GT1 23814	47.88 3.25 -3.88	39.08 2.74 0.00	37.90 2.54 0.00	35.41 1.99 0.00	36.80 1.94 0.00	30.28 1.66 0.00	29.78 1.90 -2.58	49.85 3.16 -15.45	40.73 4.66 0.00	45.24 5.40 -1.24	66.51 6.02 -21.53	205.31 6.77 -158.45	207.71 6.81 -160.53	267.38 6.78 -214.82	247.21 8.93 -176.49	258.10 6.59 -206.50	267.36 7.67 -209.98	257.27 6.88 -207.55	264.92 5.61 -222.60	250.80 5.97 -202.76	299.11 5.55 -253.81	73.81 3.88 -39.82	33.88 3.58 -0.67	35.35 3.92 -2.90
GLOBE___DSASP 323697	42.35 1.60 0.00	36.74 0.40 0.00	35.34 -0.03 0.00	33.13 -0.30 0.00	33.81 -1.05 0.00	27.98 -0.63 0.00	24.85 -0.45 0.00	31.46 0.22 0.00	36.09 0.01 0.00	39.05 0.45 0.00	39.73 0.78 0.00	40.73 0.63 0.00	41.08 0.70 0.00	45.52 -0.25 0.00	60.71 -1.09 0.00	43.92 -1.10 0.00	48.47 -1.24 0.00	41.78 -1.05 0.00	35.72 -0.98 0.00	41.08 -0.99 0.00	38.40 -1.35 0.00	29.16 -0.94 0.00	29.12 -0.51 0.00	28.17 -0.35 0.00
GOETHSLN___LBMP 323567	42.96 2.21 0.00	38.17 1.83 0.00	37.09 1.72 0.00	34.86 1.44 0.00	36.20 1.34 0.00	29.83 1.21 0.00	28.18 1.33 -1.54	34.54 2.07 -1.23	38.88 2.81 0.00	41.70 3.10 0.00	42.26 3.31 0.00	43.71 3.62 0.00	44.19 3.82 0.00	49.72 3.94 0.00	67.09 5.30 0.00	49.08 4.06 0.00	54.40 4.69 0.00	61.87 3.97 -15.07	50.83 3.19 -10.93	45.60 3.52 0.00	43.00 3.26 0.00	32.47 2.37 0.00	31.79 2.16 0.00	30.59 2.07 0.00
GOLAH___69_KV_TB 1_2 80279	43.53 2.78 0.00	37.96 1.62 0.00	36.52 1.16 0.00	34.27 0.85 0.00	35.13 0.27 0.00	29.04 0.43 0.00	25.83 0.53 0.00	32.57 1.33 0.00	37.56 1.48 0.00	40.48 1.87 0.00	41.06 2.11 0.00	42.19 2.10 0.00	42.61 2.24 0.00	47.73 1.95 0.00	64.16 2.37 0.00	46.58 1.56 0.00	51.47 1.75 0.00	44.60 1.76 0.00	38.01 1.31 0.00	43.48 1.40 0.00	40.84 1.10 0.00	30.90 0.80 0.00	30.53 0.90 0.00	29.36 0.84 0.00

GOODYEAR_LAKE_HYD 323669	42.91 2.16 0.00	38.08 1.74 0.00	37.04 1.67 0.00	34.97 1.55 0.00	36.37 1.51 0.00	29.89 1.27 0.00	26.48 1.18 0.00	32.85 1.61 0.00	38.09 2.02 0.00	40.94 2.34 0.00	41.47 2.52 0.00	42.85 2.76 0.00	43.34 2.97 0.00	48.91 3.13 0.00	65.60 3.80 0.00	47.78 2.76 0.00	53.03 3.32 0.00	45.89 3.06 0.00	39.28 2.58 0.00	44.83 2.76 0.00	42.26 2.51 0.00	31.94 1.84 0.00	31.31 1.68 0.00	30.04 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.58 1.40 -0.43	37.35 0.87 -0.14	36.16 0.73 -0.07	34.20 0.62 -0.16	36.09 0.49 -0.74	29.38 0.51 -0.25	25.80 0.50 0.00	32.39 1.05 -0.10	37.44 1.26 -0.11	41.18 1.57 -1.01	41.54 1.57 -1.02	43.00 1.80 -1.10	42.38 1.80 -0.21	49.04 1.77 -1.49	66.81 2.40 -2.62	48.13 1.66 -1.46	53.38 1.90 -1.76	45.82 1.70 -1.29	39.11 1.54 -0.87	44.84 1.53 -1.24	42.10 1.26 -1.09	31.32 0.83 -0.39	30.86 0.85 -0.38	29.54 0.74 -0.28
GOUDEY___7 23579	42.62 1.44 -0.43	37.39 0.90 -0.14	36.20 0.77 -0.07	34.23 0.66 -0.16	36.13 0.53 -0.74	29.41 0.54 -0.25	25.83 0.53 0.00	32.43 1.09 -0.10	37.50 1.32 -0.11	41.23 1.62 -1.01	41.61 1.64 -1.02	43.05 1.86 -1.10	42.44 1.87 -0.21	49.12 1.85 -1.49	66.93 2.51 -2.62	48.20 1.73 -1.46	53.47 1.99 -1.76	45.90 1.78 -1.29	39.18 1.60 -0.87	44.89 1.58 -1.24	42.16 1.32 -1.09	31.36 0.87 -0.39	30.90 0.89 -0.38	29.57 0.77 -0.28
GOUDEY___8 23580	42.58 1.40 -0.43	37.35 0.87 -0.14	36.16 0.73 -0.07	34.20 0.62 -0.16	36.09 0.49 -0.74	29.38 0.51 -0.25	25.80 0.50 0.00	32.39 1.05 -0.10	37.44 1.26 -0.11	41.18 1.57 -1.01	41.54 1.57 -1.02	43.00 1.80 -1.10	42.38 1.80 -0.21	49.04 1.77 -1.49	66.81 2.40 -2.62	48.13 1.66 -1.46	53.38 1.90 -1.76	45.82 1.70 -1.29	39.11 1.54 -0.87	44.84 1.53 -1.24	42.10 1.26 -1.09	31.32 0.83 -0.39	30.86 0.85 -0.38	29.54 0.74 -0.28
GOWANUS_GT1_1 24077	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT1_2 24078	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT1_3 24079	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT1_4 24080	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT1_5 24084	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT1_6 24111	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT1_7 24112	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT1_8 24113	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.28 3.61 -10.73	55.48 3.96 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT2_1 24114	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
GOWANUS_GT2_2 24115	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
GOWANUS_GT2_3 24116	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72

GOWANUS_GT2_4 24117	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
GOWANUS_GT2_5 24118	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
GOWANUS_GT2_6 24119	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
GOWANUS_GT2_7 24120	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
GOWANUS_GT2_8 24121	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.45 4.20 -39.42	86.21 3.30 -46.21	89.50 3.57 -43.85	89.48 3.31 -46.43	89.45 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
GOWANUS_GT3_1 24122	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT3_2 24123	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT3_3 24124	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT3_4 24125	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT3_5 24126	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT3_6 24127	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT3_7 24128	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT3_8 24129	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.98 4.18 -28.44	72.87 4.38 -22.71	74.73 5.68 -7.25	83.97 4.44 -34.51	78.54 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.10 2.25 -51.22	67.52 2.28 -36.72
GOWANUS_GT4_1 24130	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GOWANUS_GT4_2 24131	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72

GOWANUS_GT4_3 24132	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GOWANUS_GT4_4 24133	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GOWANUS_GT4_5 24134	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GOWANUS_GT4_6 24135	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GOWANUS_GT4_7 24136	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GOWANUS_GT4_8 24137	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.55 5.08 -23.76	86.46 4.20 -39.42	86.22 3.30 -46.21	89.49 3.57 -43.85	89.48 3.31 -46.43	89.45 2.44 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GREENBSH_115KV_TB3 55895	41.73 0.98 0.00	37.39 1.05 0.00	36.53 1.16 0.00	34.45 1.03 0.00	35.83 0.97 0.00	29.34 0.73 0.00	26.34 0.61 -0.42	34.70 0.92 -2.54	37.06 0.99 0.00	39.52 0.91 0.00	39.59 0.63 0.00	40.65 0.56 0.00	40.91 0.54 0.00	46.53 0.75 0.00	62.93 1.14 0.00	45.81 0.79 0.00	50.35 0.64 0.00	47.08 0.55 -3.69	39.93 0.51 -2.72	42.72 0.65 0.00	40.37 0.62 0.00	30.69 0.58 0.00	30.24 0.61 0.00	29.13 0.61 0.00
GREENIDGE_115KV_TB5 80291	43.17 2.07 -0.35	37.79 1.33 -0.12	36.46 1.04 -0.05	34.41 0.86 -0.13	36.02 0.55 -0.61	29.45 0.62 -0.21	26.03 0.73 0.00	32.79 1.46 -0.08	37.74 1.58 -0.09	41.32 1.90 -0.81	41.84 2.05 -0.84	43.04 2.04 -0.91	42.54 2.00 -0.17	49.12 2.12 -1.23	66.87 2.91 -2.17	48.12 1.90 -1.21	53.16 1.99 -1.45	45.78 1.89 -1.06	39.22 1.80 -0.72	44.98 1.89 -1.02	42.22 1.57 -0.90	31.56 1.14 -0.32	31.07 1.12 -0.31	29.73 0.97 -0.23
GREENIDGE___3 23582	43.17 2.07 -0.35	37.79 1.33 -0.12	36.46 1.04 -0.05	34.41 0.86 -0.13	36.02 0.55 -0.61	29.45 0.62 -0.21	26.03 0.73 0.00	32.79 1.46 -0.08	37.74 1.58 -0.09	41.32 1.90 -0.81	41.84 2.05 -0.84	43.04 2.04 -0.91	42.54 2.00 -0.17	49.12 2.12 -1.23	66.87 2.91 -2.17	48.12 1.90 -1.21	53.16 1.99 -1.45	45.78 1.89 -1.06	39.22 1.80 -0.72	44.98 1.89 -1.02	42.22 1.57 -0.90	31.56 1.14 -0.32	31.07 1.12 -0.31	29.73 0.97 -0.23
GREENIDGE___4 23583	43.17 2.07 -0.35	37.79 1.33 -0.12	36.45 1.03 -0.05	34.41 0.86 -0.13	36.02 0.55 -0.61	29.44 0.62 -0.21	26.03 0.73 0.00	32.79 1.46 -0.08	37.73 1.57 -0.09	41.32 1.90 -0.81	41.85 2.07 -0.84	43.05 2.05 -0.91	42.54 2.00 -0.17	49.12 2.12 -1.23	66.88 2.92 -2.17	48.13 1.91 -1.21	53.16 2.00 -1.45	45.80 1.90 -1.06	39.23 1.80 -0.72	44.99 1.89 -1.02	42.21 1.57 -0.90	31.57 1.14 -0.32	31.06 1.12 -0.31	29.73 0.98 -0.23
GREENLWN_69_KV_BK 3 55738	47.28 2.65 -3.88	38.54 2.20 0.00	37.47 2.11 0.00	35.21 1.80 0.00	36.53 1.66 0.00	30.10 1.48 0.00	29.39 1.52 -2.58	48.74 2.05 -15.45	38.74 2.66 0.00	42.07 2.82 -0.64	61.16 3.51 -18.71	58.61 3.84 -14.68	73.32 4.10 -28.85	132.43 4.43 -82.22	232.21 5.95 -164.47	232.38 4.54 -182.83	265.32 5.27 -210.35	200.89 4.46 -153.60	168.58 3.54 -128.34	16.97 3.70 28.80	35.93 3.19 7.00	35.24 2.22 -2.92	31.81 2.07 -0.10	30.93 1.97 -0.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.76 5.72 -7.25	83.98 4.45 -34.51	78.56 5.09 -23.76	86.46 4.21 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.31 -46.43	89.46 2.45 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72
GRISSOM___SOLAR 323813	45.66 4.91 0.00	40.49 4.15 0.00	39.31 3.94 0.00	37.03 3.61 0.00	38.59 3.73 0.00	31.70 3.09 0.00	27.65 2.35 0.00	33.10 1.86 0.00	37.56 1.49 0.00	41.12 2.52 0.00	39.30 0.34 0.00	41.73 1.64 0.00	42.00 1.63 0.00	49.00 3.22 0.00	67.68 5.88 0.00	46.92 1.90 0.00	52.26 2.54 0.00	50.31 7.47 0.00	43.15 6.45 0.00	47.76 5.68 0.00	45.30 5.55 0.00	34.14 4.04 0.00	33.38 3.75 0.00	32.01 3.49 0.00
GROVEVILLE___HYD 323602	43.46 2.71 0.00	38.61 2.26 0.00	37.51 2.14 0.00	35.28 1.86 0.00	36.64 1.78 0.00	30.16 1.54 0.00	26.87 1.57 0.00	33.51 2.27 0.00	39.04 2.97 0.00	41.86 3.25 0.00	42.40 3.45 0.00	43.90 3.81 0.00	44.40 4.03 0.00	50.19 4.41 0.00	67.84 6.05 0.00	49.52 4.50 0.00	54.79 5.08 0.00	55.62 4.24 -8.55	46.40 3.40 -6.30	45.72 3.65 0.00	43.08 3.33 0.00	32.56 2.46 0.00	31.87 2.24 0.00	30.64 2.12 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.41 0.51 -1.15	36.94 0.21 -0.39	35.61 0.07 -0.18	33.86 0.01 -0.43	36.73 -0.14 -2.01	29.25 -0.05 -0.69	25.32 0.02 0.00	31.81 0.29 -0.27	36.70 0.34 -0.28	41.68 0.39 -2.68	42.19 0.48 -2.76	43.64 0.57 -2.98	41.54 0.61 -0.56	50.36 0.56 -4.03	69.73 0.84 -7.10	49.54 0.59 -3.93	55.13 0.64 -4.77	46.98 0.66 -3.49	39.68 0.61 -2.36	45.98 0.56 -3.34	43.10 0.40 -2.95	31.40 0.23 -1.07	30.86 0.19 -1.03	29.38 0.11 -0.75

HAMLTNNY_34_KV_TB 80303	42.76 0.83 -1.18	37.18 0.44 -0.40	35.85 0.30 -0.18	34.08 0.22 -0.44	36.93 0.01 -2.06	29.43 0.10 -0.70	25.48 0.18 0.00	32.06 0.54 -0.28	36.99 0.62 -0.29	42.13 0.77 -2.75	42.61 0.83 -2.83	44.12 0.97 -3.06	41.97 1.03 -0.57	50.87 0.96 -4.13	70.47 1.44 -7.24	50.07 1.03 -4.02	55.72 1.12 -4.89	47.48 1.08 -3.58	40.10 0.98 -2.42	46.46 0.96 -3.42	43.53 0.76 -3.03	31.71 0.51 -1.09	31.17 0.48 -1.06	29.62 0.34 -0.77
HAMPSHIRE___PAPER_HYD 323593	41.85 0.72 -0.38	36.97 0.50 -0.13	35.80 0.38 -0.06	33.93 0.37 -0.14	36.07 0.54 -0.67	29.35 0.50 -0.23	25.79 0.48 0.00	31.70 0.37 -0.09	36.21 0.04 -0.09	39.45 -0.05 -0.89	39.94 0.08 -0.91	40.82 -0.26 -0.99	40.05 -0.51 -0.19	46.66 -0.45 -1.34	61.30 -1.02 -0.52	44.86 -0.58 -0.43	50.75 -0.55 -1.58	43.48 -0.51 -1.16	37.42 -0.07 -0.78	43.31 0.12 -1.11	41.02 0.30 -0.98	30.76 0.31 -0.35	30.30 0.33 -0.34	29.09 0.32 -0.25
HARDSCRABBLE_WT_PWR 323673	42.11 1.36 0.00	37.53 1.19 0.00	36.51 1.14 0.00	34.40 0.98 0.00	35.74 0.88 0.00	29.31 0.70 0.00	25.94 0.64 0.00	32.15 0.91 0.00	36.99 0.92 0.00	39.60 0.99 0.00	39.80 0.85 0.00	41.08 0.98 0.00	41.47 1.10 0.00	47.13 1.35 0.00	64.01 2.21 0.00	46.17 1.16 0.00	50.80 1.09 0.00	44.22 1.39 0.00	38.11 1.41 0.00	43.59 1.52 0.00	41.04 1.30 0.00	31.05 0.95 0.00	30.54 0.91 0.00	29.37 0.85 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.05 2.30 0.00	38.23 1.89 0.00	37.14 1.77 0.00	34.94 1.52 0.00	36.29 1.43 0.00	29.89 1.27 0.00	23.78 1.32 2.84	16.14 1.91 17.01	38.67 2.60 0.00	41.52 2.92 0.00	42.10 3.15 0.00	43.60 3.51 0.00	44.12 3.75 0.00	49.85 4.07 0.00	67.35 5.56 0.00	49.24 4.22 0.00	54.54 4.82 0.00	84.10 4.11 -37.16	67.61 3.29 -27.62	45.55 3.47 0.00	42.90 3.15 0.00	32.39 2.29 0.00	31.69 2.05 0.00	30.46 1.94 0.00
HARSNRAD_115KV_TB1 81005	42.76 2.01 0.00	37.08 0.74 0.00	35.63 0.26 0.00	33.40 -0.02 0.00	34.12 -0.74 0.00	28.23 -0.39 0.00	25.09 -0.21 0.00	31.86 0.62 0.00	36.69 0.61 0.00	39.74 1.13 0.00	40.41 1.46 0.00	41.46 1.37 0.00	41.72 1.35 0.00	46.32 0.54 0.00	62.07 0.28 0.00	44.98 -0.04 0.00	49.68 -0.03 0.00	42.88 0.05 0.00	36.47 -0.23 0.00	41.74 -0.33 0.00	39.23 -0.53 0.00	29.71 -0.39 0.00	29.62 -0.01 0.00	28.69 0.16 0.00
HARZA MOOSE___RIVER 24016	43.02 1.95 -0.32	37.99 1.54 -0.11	36.80 1.39 -0.05	34.80 1.26 -0.12	36.71 1.29 -0.57	29.93 1.12 -0.19	26.34 1.04 0.00	32.66 1.34 -0.08	37.62 1.47 -0.08	40.90 1.54 -0.75	41.43 1.70 -0.78	42.52 1.59 -0.84	41.97 1.44 -0.16	48.55 1.64 -1.13	64.22 1.99 -0.44	46.89 1.51 -0.37	52.89 1.84 -1.34	45.45 1.64 -0.98	39.04 1.67 -0.67	45.00 1.99 -0.94	42.54 1.97 -0.83	31.89 1.50 -0.30	31.30 1.38 -0.29	30.01 1.28 -0.21
HDSNBRDG_115KV_BRDG_TB1 355580	41.73 0.35 -0.63	36.62 0.07 -0.21	35.42 -0.04 -0.09	33.54 -0.12 -0.23	35.68 -0.27 -1.09	28.81 -0.17 -0.37	25.22 -0.08 0.00	31.55 0.16 -0.15	36.47 0.24 -0.15	40.45 0.39 -1.45	40.95 0.50 -1.50	42.28 0.57 -1.62	41.29 0.62 -0.30	48.55 0.59 -2.19	65.95 0.82 -3.34	47.52 0.54 -1.96	52.93 0.63 -2.59	45.35 0.62 -1.89	38.53 0.54 -1.28	44.38 0.50 -1.81	41.70 0.35 -1.60	30.87 0.19 -0.58	30.35 0.16 -0.56	29.02 0.09 -0.41
HELLGATE_13_KV_LD 55870	43.15 2.40 0.00	38.35 2.01 0.00	37.24 1.87 0.00	35.02 1.60 0.00	36.37 1.51 0.00	29.99 1.37 0.00	29.34 1.49 -2.55	48.76 2.21 -15.31	39.05 2.97 0.00	41.80 3.19 0.00	42.37 3.42 0.00	43.85 3.76 0.00	44.30 3.93 0.00	49.80 4.02 0.00	67.16 5.37 0.00	49.20 4.18 0.00	54.51 4.80 0.00	61.84 3.95 -15.06	50.73 3.10 -10.93	45.43 3.36 0.00	42.87 3.13 0.00	32.40 2.30 0.00	31.75 2.12 0.00	30.69 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.15 2.40 0.00	38.35 2.01 0.00	37.24 1.87 0.00	35.02 1.60 0.00	36.37 1.51 0.00	29.99 1.37 0.00	29.34 1.49 -2.55	48.76 2.21 -15.31	39.05 2.97 0.00	41.80 3.19 0.00	42.37 3.42 0.00	43.85 3.76 0.00	44.30 3.93 0.00	49.80 4.02 0.00	67.16 5.37 0.00	49.20 4.18 0.00	54.51 4.80 0.00	61.84 3.95 -15.06	50.73 3.10 -10.93	45.43 3.36 0.00	42.87 3.13 0.00	32.40 2.30 0.00	31.75 2.12 0.00	30.69 2.16 0.00
HEMPSTEAD____ 23647	47.31 2.67 -3.88	38.53 2.19 0.00	37.51 2.15 0.00	35.24 1.82 0.00	36.58 1.72 0.00	30.13 1.52 0.00	29.47 1.60 -2.58	48.98 2.29 -15.45	39.00 2.92 0.00	42.59 3.24 -0.75	61.94 3.77 -19.22	83.83 4.15 -39.59	104.71 4.37 -59.97	186.37 4.72 -135.88	256.08 6.34 -187.96	257.44 4.79 -207.63	272.89 5.54 -217.63	234.59 4.71 -187.05	229.87 3.78 -189.39	46.36 3.96 -0.33	43.24 3.49 0.00	32.91 2.48 -0.33	31.98 2.34 -0.01	30.75 2.23 0.00
HEWLETT_69_KV_BK3 55828	47.86 3.23 -3.88	39.01 2.66 0.00	37.89 2.53 0.00	35.60 2.18 0.00	36.95 2.09 0.00	30.45 1.83 0.00	29.74 1.86 -2.58	49.30 2.60 -15.45	39.48 3.40 0.00	42.94 3.58 -0.75	62.29 4.12 -19.22	84.21 4.52 -39.59	101.76 4.70 -56.69	171.38 5.09 -120.52	245.39 6.87 -176.73	247.22 5.19 -197.02	269.45 5.96 -213.78	229.57 5.08 -181.66	217.45 4.11 -176.64	46.73 4.33 -0.33	43.59 3.85 0.00	33.19 2.77 -0.33	32.43 2.79 -0.01	31.15 2.63 0.00
HICKLING___1 23621	43.31 2.20 -0.35	37.73 1.27 -0.12	36.38 0.96 -0.05	34.35 0.81 -0.13	36.06 0.59 -0.61	29.50 0.68 -0.21	26.01 0.70 0.00	32.86 1.54 -0.08	38.00 1.84 -0.08	41.77 2.37 -0.80	42.14 2.35 -0.84	43.69 2.69 -0.91	43.20 2.66 -0.17	49.57 2.56 -1.23	67.47 3.51 -2.16	48.46 2.24 -1.20	53.72 2.55 -1.45	46.31 2.42 -1.06	39.54 2.12 -0.72	45.25 2.16 -1.02	42.38 1.73 -0.90	31.51 1.08 -0.32	31.15 1.20 -0.31	29.81 1.06 -0.23
HICKLING___2 23622	43.31 2.20 -0.35	37.73 1.27 -0.12	36.38 0.96 -0.05	34.35 0.81 -0.13	36.06 0.59 -0.61	29.50 0.68 -0.21	26.01 0.70 0.00	32.86 1.54 -0.08	38.00 1.84 -0.08	41.77 2.37 -0.80	42.14 2.35 -0.84	43.69 2.69 -0.91	43.20 2.66 -0.17	49.57 2.56 -1.23	67.47 3.51 -2.16	48.46 2.24 -1.20	53.72 2.55 -1.45	46.31 2.42 -1.06	39.54 2.12 -0.72	45.25 2.16 -1.02	42.38 1.73 -0.90	31.51 1.08 -0.32	31.15 1.20 -0.31	29.81 1.06 -0.23
HIGH FALLS___HY 23754	43.22 2.47 0.00	38.28 1.94 0.00	37.14 1.77 0.00	34.94 1.52 0.00	36.26 1.40 0.00	29.88 1.27 0.00	26.66 1.36 0.00	33.24 2.00 0.00	38.84 2.77 0.00	41.68 3.07 0.00	42.08 3.13 0.00	43.58 3.49 0.00	44.13 3.76 0.00	49.82 4.04 0.00	67.35 5.55 0.00	49.32 4.30 0.00	54.74 5.03 0.00	50.47 4.23 -3.41	42.51 3.30 -2.51	45.54 3.47 0.00	42.92 3.17 0.00	32.40 2.30 0.00	31.81 2.18 0.00	30.55 2.02 0.00
HIGH_RIVER___SOLAR 323847	42.74 1.99 0.00	38.08 1.73 0.00	37.04 1.67 0.00	34.95 1.53 0.00	36.36 1.49 0.00	29.84 1.22 0.00	26.78 1.12 -0.35	34.83 1.46 -2.12	37.73 1.66 0.00	40.36 1.76 0.00	40.59 1.64 0.00	41.82 1.72 0.00	42.14 1.78 0.00	47.91 2.13 0.00	64.94 3.15 0.00	47.08 2.06 0.00	51.87 2.16 0.00	48.08 2.21 -3.04	40.90 1.95 -2.24	44.26 2.19 0.00	41.79 2.04 0.00	31.67 1.57 0.00	31.08 1.45 0.00	29.88 1.36 0.00

HILLBURN___GT 23639	42.76 2.01 0.00	38.01 1.67 0.00	36.93 1.57 0.00	34.75 1.34 0.00	36.09 1.23 0.00	29.74 1.13 0.00	23.19 1.20 3.31	13.14 1.75 19.86	38.50 2.44 0.00	41.31 2.71 0.00	41.87 2.92 0.00	43.34 3.24 0.00	43.84 3.47 0.00	49.48 3.70 0.00	66.76 4.97 0.00	48.83 3.81 0.00	54.15 4.43 0.00	78.67 3.80 -32.03	63.66 3.08 -23.87	45.34 3.26 0.00	42.70 2.95 0.00	32.23 2.13 0.00	31.53 1.90 0.00	30.33 1.81 0.00
HILLSIDE_115KV_TB1 80332	42.43 1.32 -0.36	36.99 0.53 -0.12	35.71 0.29 -0.06	33.77 0.22 -0.13	35.51 0.02 -0.63	29.05 0.22 -0.22	25.57 0.27 0.00	32.29 0.96 -0.08	37.34 1.18 -0.09	41.06 1.63 -0.83	41.40 1.57 -0.87	42.94 1.91 -0.94	42.38 1.84 -0.18	48.71 1.65 -1.27	66.36 2.33 -2.24	47.70 1.44 -1.24	52.95 1.73 -1.50	45.56 1.63 -1.10	38.92 1.47 -0.74	44.49 1.36 -1.05	41.68 1.00 -0.93	30.95 0.52 -0.33	30.60 0.65 -0.33	29.28 0.52 -0.24
HISHELDN_WT_PWR 323625	43.26 2.51 0.00	37.62 1.28 0.00	36.20 0.83 0.00	33.98 0.56 0.00	34.84 -0.02 0.00	28.82 0.20 0.00	25.61 0.30 0.00	32.43 1.19 0.00	37.43 1.36 0.00	40.57 1.96 0.00	41.16 2.20 0.00	42.35 2.26 0.00	42.64 2.27 0.00	47.41 1.63 0.00	63.70 1.91 0.00	46.02 1.01 0.00	50.87 1.16 0.00	44.01 1.18 0.00	37.66 0.96 0.00	43.04 0.96 0.00	40.40 0.65 0.00	30.49 0.39 0.00	30.31 0.68 0.00	29.24 0.71 0.00
HOLTSVILLE_IC_1 23690	47.50 2.86 -3.88	38.70 2.36 0.00	37.61 2.24 0.00	35.31 1.88 0.00	36.62 1.76 0.00	30.18 1.56 0.00	29.53 1.65 -2.58	49.02 2.33 -15.45	39.15 3.08 0.00	43.28 3.44 -1.24	64.52 4.08 -21.49	200.62 4.41 -156.12	203.17 4.52 -158.28	262.94 4.82 -212.35	244.33 6.33 -176.21	255.74 4.75 -205.96	265.10 5.43 -209.95	252.03 4.67 -204.53	260.21 3.80 -219.70	247.58 4.10 -201.40	300.69 3.66 -257.28	73.71 2.59 -41.02	32.79 2.46 -0.70	33.97 2.41 -3.04
HOLTSVILLE_IC_10 23699	47.77 3.14 -3.88	38.92 2.57 0.00	37.80 2.44 0.00	35.48 2.06 0.00	36.80 1.94 0.00	30.32 1.70 0.00	29.67 1.79 -2.58	49.23 2.54 -15.45	39.42 3.35 0.00	43.65 3.77 -1.27	65.06 4.45 -21.66	209.77 4.81 -164.87	212.01 4.93 -166.71	272.78 5.25 -221.75	246.10 6.96 -177.35	258.31 5.26 -208.03	265.73 5.95 -210.06	264.54 5.11 -216.59	271.88 4.14 -231.04	251.59 4.47 -205.05	283.71 3.98 -239.99	68.50 2.86 -35.55	32.89 2.70 -0.57	33.59 2.62 -2.45
HOLTSVILLE_IC_2 23691	47.50 2.86 -3.88	38.70 2.36 0.00	37.61 2.24 0.00	35.31 1.88 0.00	36.62 1.76 0.00	30.18 1.56 0.00	29.53 1.65 -2.58	49.02 2.33 -15.45	39.15 3.08 0.00	43.28 3.44 -1.24	64.52 4.08 -21.49	200.62 4.41 -156.12	203.17 4.52 -158.28	262.94 4.82 -212.35	244.33 6.33 -176.21	255.74 4.75 -205.96	265.10 5.43 -209.95	252.03 4.67 -204.53	260.21 3.80 -219.70	247.58 4.10 -201.40	300.69 3.66 -257.28	73.71 2.59 -41.02	32.79 2.46 -0.70	33.97 2.41 -3.04
HOLTSVILLE_IC_3 23692	47.50 2.86 -3.88	38.70 2.36 0.00	37.61 2.24 0.00	35.31 1.88 0.00	36.62 1.76 0.00	30.18 1.56 0.00	29.53 1.65 -2.58	49.02 2.33 -15.45	39.15 3.08 0.00	43.28 3.44 -1.24	64.52 4.08 -21.49	200.62 4.41 -156.12	203.17 4.52 -158.28	262.94 4.82 -212.35	244.33 6.33 -176.21	255.74 4.75 -205.96	265.10 5.43 -209.95	252.03 4.67 -204.53	260.21 3.80 -219.70	247.58 4.10 -201.40	300.69 3.66 -257.28	73.71 2.59 -41.02	32.79 2.46 -0.70	33.97 2.41 -3.04
HOLTSVILLE_IC_4 23693	47.50 2.86 -3.88	38.70 2.36 0.00	37.61 2.24 0.00	35.31 1.88 0.00	36.62 1.76 0.00	30.18 1.56 0.00	29.53 1.65 -2.58	49.02 2.33 -15.45	39.15 3.08 0.00	43.28 3.44 -1.24	64.52 4.08 -21.49	200.62 4.41 -156.12	203.17 4.52 -158.28	262.94 4.82 -212.35	244.33 6.33 -176.21	255.74 4.75 -205.96	265.10 5.43 -209.95	252.03 4.67 -204.53	260.21 3.80 -219.70	247.58 4.10 -201.40	300.69 3.66 -257.28	73.71 2.59 -41.02	32.79 2.46 -0.70	33.97 2.41 -3.04
HOLTSVILLE_IC_5 23694	47.50 2.86 -3.88	38.70 2.36 0.00	37.61 2.24 0.00	35.31 1.88 0.00	36.62 1.76 0.00	30.18 1.56 0.00	29.53 1.65 -2.58	49.02 2.33 -15.45	39.15 3.08 0.00	43.28 3.44 -1.24	64.52 4.08 -21.49	200.62 4.41 -156.12	203.17 4.52 -158.28	262.94 4.82 -212.35	244.33 6.33 -176.21	255.74 4.75 -205.96	265.10 5.43 -209.95	252.03 4.67 -204.53	260.21 3.80 -219.70	247.58 4.10 -201.40	300.69 3.66 -257.28	73.71 2.59 -41.02	32.79 2.46 -0.70	33.97 2.41 -3.04
HOLTSVILLE_IC_6 23695	47.77 3.14 -3.88	38.92 2.57 0.00	37.80 2.44 0.00	35.48 2.06 0.00	36.80 1.94 0.00	30.32 1.70 0.00	29.67 1.79 -2.58	49.23 2.54 -15.45	39.42 3.35 0.00	43.65 3.77 -1.27	65.06 4.45 -21.66	209.77 4.81 -164.87	212.01 4.93 -166.71	272.78 5.25 -221.75	246.10 6.96 -177.35	258.31 5.26 -208.03	265.73 5.95 -210.06	264.54 5.11 -216.59	271.88 4.14 -231.04	251.59 4.47 -205.05	283.71 3.98 -239.99	68.50 2.86 -35.55	32.89 2.70 -0.57	33.59 2.62 -2.45
HOLTSVILLE_IC_7 23696	47.77 3.14 -3.88	38.92 2.57 0.00	37.80 2.44 0.00	35.48 2.06 0.00	36.80 1.94 0.00	30.32 1.70 0.00	29.67 1.79 -2.58	49.23 2.54 -15.45	39.42 3.35 0.00	43.65 3.77 -1.27	65.06 4.45 -21.66	209.77 4.81 -164.87	212.01 4.93 -166.71	272.78 5.25 -221.75	246.10 6.96 -177.35	258.31 5.26 -208.03	265.73 5.95 -210.06	264.54 5.11 -216.59	271.88 4.14 -231.04	251.59 4.47 -205.05	283.71 3.98 -239.99	68.50 2.86 -35.55	32.89 2.70 -0.57	33.59 2.62 -2.45
HOLTSVILLE_IC_8 23697	47.77 3.14 -3.88	38.92 2.57 0.00	37.80 2.44 0.00	35.48 2.06 0.00	36.80 1.94 0.00	30.32 1.70 0.00	29.67 1.79 -2.58	49.23 2.54 -15.45	39.42 3.35 0.00	43.65 3.77 -1.27	65.06 4.45 -21.66	209.77 4.81 -164.87	212.01 4.93 -166.71	272.78 5.25 -221.75	246.10 6.96 -177.35	258.31 5.26 -208.03	265.73 5.95 -210.06	264.54 5.11 -216.59	271.88 4.14 -231.04	251.59 4.47 -205.05	283.71 3.98 -239.99	68.50 2.86 -35.55	32.89 2.70 -0.57	33.59 2.62 -2.45
HOLTSVILLE_IC_9 23698	47.77 3.14 -3.88	38.92 2.57 0.00	37.80 2.44 0.00	35.48 2.06 0.00	36.80 1.94 0.00	30.32 1.70 0.00	29.67 1.79 -2.58	49.23 2.54 -15.45	39.42 3.35 0.00	43.65 3.77 -1.27	65.06 4.45 -21.66	209.77 4.81 -164.87	212.01 4.93 -166.71	272.78 5.25 -221.75	246.10 6.96 -177.35	258.31 5.26 -208.03	265.73 5.95 -210.06	264.54 5.11 -216.59	271.88 4.14 -231.04	251.59 4.47 -205.05	283.71 3.98 -239.99	68.50 2.86 -35.55	32.89 2.70 -0.57	33.59 2.62 -2.45
HOMER_HL_115KV_TB2 355744	43.35 2.60 0.00	37.82 1.48 0.00	36.43 1.07 0.00	34.23 0.81 0.00	35.31 0.45 0.00	29.25 0.64 0.00	26.03 0.72 0.00	32.86 1.62 0.00	37.92 1.85 0.00	41.03 2.42 0.00	41.42 2.47 0.00	42.59 2.50 0.00	42.91 2.54 0.00	47.60 1.82 0.00	64.02 2.23 0.00	46.31 1.30 0.00	51.18 1.47 0.00	44.32 1.49 0.00	38.01 1.31 0.00	43.47 1.39 0.00	40.75 1.00 0.00	30.69 0.59 0.00	30.49 0.86 0.00	29.54 1.02 0.00
HOWARD_WT_PWR 323690	44.12 3.11 -0.26	38.39 1.96 -0.09	36.94 1.54 -0.04	34.78 1.26 -0.09	36.21 0.90 -0.45	29.73 0.96 -0.15	26.29 0.99 0.00	33.25 1.95 -0.06	38.30 2.17 -0.06	41.93 2.74 -0.59	42.23 2.67 -0.62	43.62 2.86 -0.67	43.39 2.90 -0.13	49.25 2.57 -0.90	66.80 3.41 -1.59	47.53 1.62 -0.89	52.82 2.04 -1.06	45.86 2.25 -0.78	39.34 2.11 -0.53	45.10 2.28 -0.74	42.36 1.95 -0.66	31.63 1.30 -0.24	31.36 1.50 -0.23	30.16 1.47 -0.17

HQ_GEN_CEDARS 23644	39.54 -1.21 0.00	35.32 -1.02 0.00	34.33 -1.03 0.00	32.55 -0.87 0.00	34.28 -0.58 0.00	28.15 -0.47 0.00	24.85 -0.45 0.00	30.23 -1.01 0.00	34.55 -1.52 0.00	36.85 -1.75 0.00	37.23 -1.72 0.00	38.12 -1.97 0.00	38.22 -2.15 0.00	43.54 -2.24 0.00	58.73 -3.06 0.00	42.90 -2.12 0.00	47.38 -2.33 0.00	40.64 -2.20 0.00	34.90 -1.80 0.00	40.31 -1.77 0.00	38.21 -1.53 0.00	29.00 -1.10 0.00	28.64 -0.99 0.00	27.65 -0.88 0.00
HQ_GEN_CEDARS_PROXY 323590	39.54 -1.21 0.00	35.32 -1.02 0.00	34.33 -1.03 0.00	32.55 -0.87 0.00	34.28 -0.58 0.00	27.02 -0.47 1.14	23.51 -0.45 1.33	30.23 -1.01 0.00	34.55 -1.52 0.00	36.86 -1.75 0.00	37.23 -1.73 0.00	38.13 -1.97 0.00	36.77 -2.15 1.46	43.54 -2.24 0.00	57.89 -3.06 0.84	41.06 -2.12 1.84	47.38 -2.33 0.00	40.63 -2.20 0.00	34.90 -1.80 0.00	40.30 -1.77 0.00	37.36 -1.53 0.85	29.00 -1.10 0.00	28.68 -0.99 -0.04	27.40 -0.88 0.24
HQ_GEN_IMPORT 323601	39.80 -0.95 0.00	35.63 -0.72 0.00	34.67 -0.69 0.00	32.87 -0.55 0.00	34.49 -0.37 0.00	28.31 -0.31 0.00	24.95 -0.35 0.00	30.49 -0.75 0.00	35.08 -1.00 0.00	37.48 -1.13 0.00	37.84 -1.11 0.00	38.87 -1.22 0.00	39.07 -1.30 0.00	44.46 -1.32 0.00	59.95 -1.84 0.00	43.73 -1.29 0.00	48.28 -1.44 0.00	41.51 -1.33 0.00	35.58 -1.13 0.00	41.94 -1.16 -1.02	37.78 -1.00 0.96	29.34 -0.76 0.00	28.96 -0.67 0.00	27.91 -0.61 0.00
HQ_GEN_WHEEL 23651	39.80 -0.95 0.00	35.63 -0.72 0.00	34.67 -0.69 0.00	32.87 -0.55 0.00	34.49 -0.37 0.00	28.31 -0.31 0.00	24.95 -0.35 0.00	30.49 -0.75 0.00	35.08 -1.00 0.00	37.48 -1.13 0.00	37.84 -1.11 0.00	38.87 -1.22 0.00	39.07 -1.30 0.00	44.46 -1.32 0.00	59.95 -1.84 0.00	43.73 -1.29 0.00	48.28 -1.44 0.00	41.51 -1.33 0.00	35.58 -1.13 0.00	41.94 -1.16 -1.02	37.78 -1.00 0.96	29.34 -0.76 0.00	28.96 -0.67 0.00	27.91 -0.61 0.00
HUDSON_AVE_GT_3 23810	43.29 2.54 0.00	38.47 2.13 0.00	37.36 2.00 0.00	35.13 1.71 0.00	36.47 1.61 0.00	30.06 1.45 0.00	29.39 1.54 -2.55	48.87 2.32 -15.31	39.17 3.10 0.00	41.99 3.38 0.00	42.57 3.62 0.00	44.06 3.97 0.00	44.53 4.16 0.00	50.17 4.39 0.00	67.65 5.86 0.00	49.49 4.48 0.00	54.87 5.16 0.00	62.27 4.37 -15.07	51.09 3.46 -10.93	45.83 3.75 0.00	43.20 3.45 0.00	32.62 2.52 0.00	31.95 2.32 0.00	30.77 2.25 0.00
HUDSON_AVE_GT_4 23540	43.29 2.54 0.00	38.47 2.13 0.00	37.36 2.00 0.00	35.13 1.71 0.00	36.47 1.61 0.00	30.06 1.45 0.00	29.39 1.54 -2.55	48.87 2.32 -15.31	39.17 3.10 0.00	41.99 3.38 0.00	42.57 3.62 0.00	44.06 3.97 0.00	44.53 4.16 0.00	50.17 4.39 0.00	67.65 5.86 0.00	49.49 4.48 0.00	54.87 5.16 0.00	62.27 4.37 -15.07	51.09 3.46 -10.93	45.83 3.75 0.00	43.20 3.45 0.00	32.62 2.52 0.00	31.95 2.32 0.00	30.77 2.25 0.00
HUDSON_AVE_GT_5 23657	43.29 2.54 0.00	38.47 2.13 0.00	37.36 2.00 0.00	35.13 1.71 0.00	36.47 1.61 0.00	30.06 1.45 0.00	29.39 1.54 -2.55	48.87 2.32 -15.31	39.17 3.10 0.00	41.99 3.38 0.00	42.57 3.62 0.00	44.06 3.97 0.00	44.53 4.16 0.00	50.17 4.39 0.00	67.65 5.86 0.00	49.49 4.48 0.00	54.87 5.16 0.00	62.27 4.37 -15.07	51.09 3.46 -10.93	45.83 3.75 0.00	43.20 3.45 0.00	32.62 2.52 0.00	31.95 2.32 0.00	30.77 2.25 0.00
HUDSON_AVE_10 24168	43.16 2.41 0.00	38.37 2.03 0.00	37.25 1.89 0.00	35.02 1.60 0.00	36.38 1.52 0.00	29.99 1.37 0.00	29.34 1.49 -2.55	48.78 2.23 -15.31	39.07 3.00 0.00	41.86 3.25 0.00	42.44 3.49 0.00	43.93 3.84 0.00	44.64 4.03 -0.24	50.02 4.24 0.00	67.48 5.69 0.00	49.36 4.35 0.00	54.72 5.01 0.00	62.15 4.25 -15.07	53.28 3.35 -13.23	45.70 3.62 0.00	43.08 3.33 0.00	32.53 2.43 0.00	31.86 2.23 0.00	30.70 2.18 0.00
HUDSON___115KV_TB 4 355613	42.92 2.17 0.00	38.41 2.06 0.00	37.47 2.11 0.00	35.34 1.93 0.00	36.76 1.90 0.00	30.08 1.47 0.00	26.89 1.23 -0.36	35.01 1.63 -2.14	37.76 1.69 0.00	40.12 1.51 0.00	40.12 1.17 0.00	41.19 1.10 0.00	41.53 1.16 0.00	47.65 1.87 0.00	64.55 2.76 0.00	47.27 2.25 0.00	51.47 1.76 0.00	47.75 1.26 -3.66	40.73 1.34 -2.70	43.90 1.83 0.00	41.56 1.81 0.00	31.59 1.49 0.00	31.11 1.48 0.00	29.91 1.39 0.00
HUNTER MOUNT___DRP 323613	43.23 2.48 0.00	38.69 2.34 0.00	37.77 2.40 0.00	35.60 2.19 0.00	37.04 2.18 0.00	30.29 1.67 0.00	26.72 1.42 0.00	33.13 1.88 0.00	38.01 1.94 0.00	40.27 1.67 0.00	40.20 1.25 0.00	41.26 1.16 0.00	41.65 1.28 0.00	47.99 2.21 0.00	64.78 2.99 0.00	47.52 2.50 0.00	51.47 1.76 0.00	47.80 1.29 -3.67	40.91 1.49 -2.71	44.15 2.08 0.00	41.83 2.08 0.00	31.83 1.73 0.00	31.35 1.72 0.00	30.13 1.61 0.00
HUNTINGTON_RES_REC 323705	47.53 2.90 -3.88	38.73 2.39 0.00	37.64 2.28 0.00	35.34 1.92 0.00	36.65 1.79 0.00	30.19 1.58 0.00	29.52 1.64 -2.58	48.95 2.26 -15.45	39.04 2.97 0.00	43.82 3.25 -1.96	67.90 3.99 -24.96	356.35 4.31 -311.95	365.94 4.54 -321.04	433.75 4.95 -383.02	261.32 6.59 -192.94	288.88 5.02 -238.84	265.67 5.78 -210.18	394.36 4.92 -346.61	422.88 3.95 -382.22	461.03 4.18 -414.78	394.19 3.63 -350.82	66.46 2.54 -33.83	32.24 2.36 -0.24	31.85 2.28 -1.05
HUNTLEY___63 23557	43.40 2.64 0.00	37.60 1.26 0.00	36.10 0.74 0.00	33.82 0.40 0.00	34.56 -0.30 0.00	28.60 -0.02 0.00	25.43 0.13 0.00	32.28 1.03 0.00	37.18 1.11 0.00	40.31 1.71 0.00	41.06 2.11 0.00	42.17 2.08 0.00	42.42 2.05 0.00	47.08 1.30 0.00	63.03 1.23 0.00	45.63 0.62 0.00	50.40 0.69 0.00	43.45 0.62 0.00	37.06 0.35 0.00	42.46 0.39 0.00	39.90 0.14 0.00	30.19 0.09 0.00	30.06 0.43 0.00	29.10 0.58 0.00
HUNTLEY___64 23558	43.40 2.64 0.00	37.60 1.26 0.00	36.10 0.74 0.00	33.82 0.40 0.00	34.56 -0.30 0.00	28.60 -0.02 0.00	25.43 0.13 0.00	32.28 1.03 0.00	37.18 1.11 0.00	40.31 1.71 0.00	41.06 2.11 0.00	42.17 2.08 0.00	42.42 2.05 0.00	47.08 1.30 0.00	63.03 1.23 0.00	45.63 0.62 0.00	50.40 0.69 0.00	43.45 0.62 0.00	37.06 0.35 0.00	42.46 0.39 0.00	39.90 0.14 0.00	30.19 0.09 0.00	30.06 0.43 0.00	29.10 0.58 0.00
HUNTLEY___65 23559	43.40 2.64 0.00	37.60 1.26 0.00	36.10 0.74 0.00	33.82 0.40 0.00	34.56 -0.30 0.00	28.60 -0.02 0.00	25.43 0.13 0.00	32.28 1.03 0.00	37.18 1.11 0.00	40.31 1.71 0.00	41.06 2.11 0.00	42.17 2.08 0.00	42.42 2.05 0.00	47.08 1.30 0.00	63.03 1.23 0.00	45.63 0.62 0.00	50.40 0.69 0.00	43.45 0.62 0.00	37.06 0.35 0.00	42.46 0.39 0.00	39.90 0.14 0.00	30.19 0.09 0.00	30.06 0.43 0.00	29.10 0.58 0.00
HUNTLEY___66 23560	43.40 2.64 0.00	37.60 1.26 0.00	36.10 0.74 0.00	33.82 0.40 0.00	34.56 -0.30 0.00	28.60 -0.02 0.00	25.43 0.13 0.00	32.28 1.03 0.00	37.18 1.11 0.00	40.31 1.71 0.00	41.06 2.11 0.00	42.17 2.08 0.00	42.42 2.05 0.00	47.08 1.30 0.00	63.03 1.23 0.00	45.63 0.62 0.00	50.40 0.69 0.00	43.45 0.62 0.00	37.06 0.35 0.00	42.46 0.39 0.00	39.90 0.14 0.00	30.19 0.09 0.00	30.06 0.43 0.00	29.10 0.58 0.00

HUNTLEY___67 23561	43.00 2.25 0.00	37.32 0.98 0.00	35.88 0.51 0.00	33.65 0.23 0.00	34.40 -0.46 0.00	28.46 -0.15 0.00	25.30 0.00 0.00	32.09 0.85 0.00	37.01 0.93 0.00	40.12 1.51 0.00	40.81 1.86 0.00	41.92 1.83 0.00	42.24 1.87 0.00	46.84 1.07 0.00	62.82 1.03 0.00	45.48 0.46 0.00	50.25 0.54 0.00	43.33 0.49 0.00	37.02 0.32 0.00	42.35 0.27 0.00	39.71 -0.05 -0.02	30.01 -0.09 0.00	29.89 0.26 0.00	28.86 0.34 0.00
HUNTLEY___68 23562	43.00 2.25 0.00	37.32 0.98 0.00	35.88 0.51 0.00	33.65 0.23 0.00	34.40 -0.46 0.00	28.46 -0.15 0.00	25.30 0.00 0.00	32.09 0.85 0.00	37.01 0.93 0.00	40.12 1.51 0.00	40.81 1.86 0.00	41.92 1.83 0.00	42.24 1.87 0.00	46.84 1.07 0.00	62.82 1.03 0.00	45.48 0.46 0.00	50.25 0.54 0.00	43.33 0.49 0.00	37.02 0.32 0.00	42.35 0.27 0.00	39.71 -0.05 -0.02	30.01 -0.09 0.00	29.89 0.26 0.00	28.86 0.34 0.00
HYLAND___LFG 323620	44.94 4.19 0.00	39.49 3.15 0.00	38.02 2.65 0.00	35.68 2.26 0.00	36.75 1.89 0.00	30.42 1.80 0.00	27.05 1.74 0.00	33.77 2.53 0.00	37.78 1.71 0.00	40.01 1.41 0.00	39.19 0.24 0.00	39.72 -0.37 0.00	40.21 -0.16 0.00	44.62 -1.17 0.00	59.98 -1.82 0.00	43.48 -1.53 0.00	47.70 -2.02 0.00	41.85 -0.98 0.00	35.94 -0.76 0.00	41.43 -0.65 0.00	39.79 0.04 0.00	30.27 0.17 0.00	31.17 1.54 0.00	30.83 2.31 0.00
INDECK___CORINTH 23802	43.14 2.39 0.00	38.47 2.13 0.00	37.35 1.98 0.00	35.21 1.79 0.00	36.61 1.75 0.00	30.12 1.51 0.00	27.23 1.53 -0.39	35.74 2.14 -2.36	38.53 2.45 0.00	41.06 2.45 0.00	40.92 1.97 0.00	41.89 1.80 0.00	42.13 1.76 0.00	47.80 2.02 0.00	65.08 3.29 0.00	47.27 2.25 0.00	52.10 2.39 0.00	48.72 2.52 -3.37	41.55 2.36 -2.49	44.71 2.63 0.00	42.20 2.45 0.00	32.00 1.90 0.00	31.38 1.75 0.00	30.19 1.66 0.00
INDECK___ILION 23567	41.66 0.91 0.00	37.12 0.78 0.00	36.12 0.76 0.00	34.08 0.66 0.00	35.45 0.59 0.00	29.07 0.46 0.00	25.72 0.42 0.00	31.87 0.63 0.00	36.75 0.68 0.00	39.33 0.72 0.00	39.60 0.65 0.00	40.82 0.73 0.00	41.17 0.80 0.00	46.75 0.97 0.00	63.28 1.49 0.00	45.84 0.83 0.00	50.56 0.85 0.00	43.80 0.97 0.00	37.65 0.95 0.00	43.10 1.02 0.00	40.66 0.92 0.00	30.81 0.71 0.00	30.29 0.66 0.00	29.12 0.60 0.00
INDECK___OLEAN 23982	43.35 2.60 0.00	37.82 1.48 0.00	36.43 1.07 0.00	34.23 0.81 0.00	35.31 0.45 0.00	29.25 0.63 0.00	26.02 0.72 0.00	32.86 1.62 0.00	37.91 1.84 0.00	41.03 2.43 0.00	41.44 2.49 0.00	42.61 2.52 0.00	42.92 2.55 0.00	47.62 1.83 0.00	64.04 2.25 0.00	46.33 1.32 0.00	51.19 1.47 0.00	44.35 1.52 0.00	38.03 1.32 0.00	43.46 1.38 0.00	40.74 0.99 0.00	30.69 0.59 0.00	30.49 0.85 0.00	29.54 1.02 0.00
INDECK___OSWEGO 23783	42.96 -0.55 -2.76	36.59 -0.68 -0.93	35.04 -0.75 -0.42	33.68 -0.77 -1.02	38.74 -0.92 -4.81	29.54 -0.72 -1.64	24.74 -0.56 0.00	31.40 -0.50 -0.66	36.19 -0.57 -0.68	44.48 -0.55 -6.42	45.06 -0.50 -6.61	46.74 -0.49 -7.14	41.17 -0.54 -1.34	54.72 -0.70 -9.64	65.92 -0.49 -4.62	48.14 -0.50 -3.62	60.34 -0.78 -11.42	50.58 -0.60 -8.35	41.92 -0.44 -5.65	49.51 -0.56 -7.99	46.22 -0.59 -7.06	32.18 -0.47 -2.55	31.64 -0.47 -2.48	29.97 -0.35 -1.80
INDECK___YERKES 23781	43.40 2.64 0.00	37.60 1.26 0.00	36.10 0.74 0.00	33.82 0.40 0.00	34.57 -0.30 0.00	28.60 -0.02 0.00	25.43 0.13 0.00	32.28 1.04 0.00	37.16 1.09 0.00	40.32 1.72 0.00	41.10 2.15 0.00	42.21 2.12 0.00	42.43 2.06 0.00	47.11 1.33 0.00	63.08 1.28 0.00	45.67 0.65 0.00	50.42 0.71 0.00	43.50 0.67 0.00	37.08 0.37 0.00	42.45 0.38 0.00	39.89 0.14 -0.01	30.19 0.09 0.00	30.06 0.43 0.00	29.12 0.60 0.00
INDIAN POINT_GT_1 24139	42.84 2.09 0.00	38.09 1.75 0.00	37.02 1.65 0.00	34.83 1.41 0.00	36.18 1.32 0.00	29.80 1.18 0.00	29.55 1.26 -3.00	51.06 1.85 -17.97	38.58 2.50 0.00	41.34 2.73 0.00	41.88 2.92 0.00	43.32 3.22 0.00	43.78 3.41 0.00	49.42 3.64 0.00	66.70 4.91 0.00	48.76 3.75 0.00	54.05 4.34 0.00	65.16 3.70 -18.62	51.80 2.96 -12.13	45.24 3.16 0.00	42.61 2.87 0.00	32.19 2.10 0.00	31.53 1.90 0.00	30.35 1.83 0.00
INDIAN POINT_GT_2 23659	42.84 2.09 0.00	38.09 1.75 0.00	37.02 1.65 0.00	34.83 1.41 0.00	36.18 1.32 0.00	29.80 1.18 0.00	29.55 1.26 -3.00	51.06 1.85 -17.97	38.58 2.50 0.00	41.34 2.73 0.00	41.88 2.92 0.00	43.32 3.22 0.00	43.78 3.41 0.00	49.42 3.64 0.00	66.70 4.91 0.00	48.76 3.75 0.00	54.05 4.34 0.00	65.16 3.70 -18.62	51.80 2.96 -12.13	45.24 3.16 0.00	42.61 2.87 0.00	32.19 2.10 0.00	31.53 1.90 0.00	30.35 1.83 0.00
INDIAN POINT_GT_3 24019	42.84 2.09 0.00	38.09 1.75 0.00	37.02 1.65 0.00	34.83 1.41 0.00	36.18 1.32 0.00	29.80 1.18 0.00	29.55 1.26 -3.00	51.06 1.85 -17.97	38.58 2.50 0.00	41.34 2.73 0.00	41.88 2.92 0.00	43.32 3.22 0.00	43.78 3.41 0.00	49.42 3.64 0.00	66.70 4.91 0.00	48.76 3.75 0.00	54.05 4.34 0.00	65.16 3.70 -18.62	51.80 2.96 -12.13	45.24 3.16 0.00	42.61 2.87 0.00	32.19 2.10 0.00	31.53 1.90 0.00	30.35 1.83 0.00
INDIAN POINT___2 23530	42.74 1.99 0.00	38.01 1.66 0.00	36.94 1.57 0.00	34.76 1.34 0.00	36.10 1.23 0.00	29.74 1.12 0.00	30.55 1.20 -4.05	57.30 1.76 -24.29	38.50 2.43 0.00	41.26 2.65 0.00	41.79 2.84 0.00	43.23 3.13 0.00	43.70 3.33 0.00	49.32 3.54 0.00	66.55 4.76 0.00	48.65 3.64 0.00	53.94 4.23 0.00	64.03 3.62 -17.57	53.05 2.91 -13.44	45.18 3.10 0.00	42.55 2.80 0.00	32.14 2.04 0.00	31.48 1.84 0.00	30.30 1.78 0.00
INDIAN POINT___3 23531	42.73 1.98 0.00	38.01 1.66 0.00	36.95 1.59 0.00	34.77 1.35 0.00	36.12 1.26 0.00	29.75 1.13 0.00	29.58 1.21 -3.07	51.45 1.77 -18.44	38.47 2.40 0.00	41.23 2.63 0.00	41.75 2.80 0.00	43.19 3.09 0.00	43.65 3.28 0.00	49.27 3.49 0.00	66.48 4.68 0.00	48.60 3.58 0.00	53.87 4.16 0.00	62.74 3.55 -16.36	51.71 2.84 -12.16	45.11 3.03 0.00	42.50 2.75 0.00	32.11 2.01 0.00	31.45 1.82 0.00	30.28 1.75 0.00
INGHAM_C_115KV_TB7 356103	42.21 1.46 0.00	37.63 1.29 0.00	36.60 1.24 0.00	34.47 1.05 0.00	35.80 0.94 0.00	29.34 0.73 0.00	25.96 0.66 0.00	32.18 0.94 0.00	36.97 0.90 0.00	39.56 0.96 0.00	39.71 0.76 0.00	41.01 0.91 0.00	41.43 1.06 0.00	47.19 1.41 0.00	64.13 2.34 0.00	46.11 1.09 0.00	50.68 0.97 0.00	44.22 1.39 0.00	38.18 1.47 0.00	43.67 1.60 0.00	41.16 1.42 0.00	31.21 1.11 0.00	30.67 1.04 0.00	29.44 0.92 0.00
IP CORINTH___1 23988	43.40 2.65 0.00	38.69 2.35 0.00	37.57 2.20 0.00	35.41 1.99 0.00	36.82 1.96 0.00	30.30 1.68 0.00	27.38 1.69 -0.39	35.93 2.33 -2.36	38.75 2.67 0.00	41.29 2.69 0.00	41.15 2.20 0.00	42.14 2.05 0.00	42.37 2.00 0.00	48.08 2.30 0.00	65.47 3.68 0.00	47.54 2.52 0.00	52.40 2.69 0.00	48.99 2.78 -3.37	41.77 2.58 -2.49	44.96 2.88 0.00	42.44 2.69 0.00	32.17 2.08 0.00	31.56 1.93 0.00	30.36 1.84 0.00

IP___TICONDEROGA 23804	45.53 4.78 0.00	40.86 4.52 0.00	39.58 4.21 0.00	37.29 3.87 0.00	38.74 3.88 0.00	32.36 3.75 0.00	29.43 3.74 -0.39	38.42 4.81 -2.37	41.40 5.33 0.00	43.41 4.81 0.00	43.33 4.38 0.00	43.78 3.69 0.00	43.82 3.45 0.00	50.44 4.66 0.00	69.21 7.42 0.00	50.56 5.54 0.00	54.70 4.99 0.00	50.93 4.70 -3.39	43.43 4.23 -2.50	46.60 4.53 0.00	44.08 4.34 0.00	33.54 3.44 0.00	33.16 3.53 0.00	32.13 3.61 0.00
ISLIP_RES_REC 323679	48.00 3.37 -3.88	39.10 2.76 0.00	37.98 2.61 0.00	35.64 2.22 0.00	36.96 2.10 0.00	30.45 1.83 0.00	29.80 1.92 -2.58	49.41 2.72 -15.45	39.67 3.60 0.00	43.90 4.07 -1.22	65.17 4.78 -21.45	201.04 5.17 -155.77	202.25 5.32 -156.56	263.12 5.69 -211.66	245.86 7.54 -176.53	257.03 5.70 -206.31	266.28 6.44 -210.13	261.08 5.55 -212.70	265.29 4.49 -224.09	234.11 4.85 -187.18	263.93 4.30 -219.88	65.89 3.08 -32.71	33.05 2.90 -0.52	33.59 2.81 -2.26
JAMAICA__27_KV_LOAD 355505	43.60 2.85 0.00	38.76 2.41 0.00	37.57 2.21 0.00	35.33 1.91 0.00	36.71 1.85 0.00	30.29 1.67 0.00	29.62 1.77 -2.55	49.10 2.54 -15.31	39.48 3.41 0.00	42.25 3.65 0.00	42.85 3.89 0.00	44.38 4.29 0.00	45.14 4.49 -0.29	50.53 4.75 0.00	68.27 6.48 0.00	49.94 4.92 0.00	55.38 5.67 0.00	62.69 4.79 -15.07	54.18 3.81 -13.67	46.23 4.16 0.00	43.57 3.83 0.00	32.90 2.80 0.00	32.25 2.61 0.00	31.08 2.56 0.00
JANIS___SOLAR 323808	44.46 3.19 -0.53	38.94 2.43 -0.18	37.64 2.20 -0.08	35.58 1.97 -0.19	37.66 1.88 -0.92	30.62 1.69 -0.31	26.91 1.61 0.00	33.67 2.31 -0.13	38.61 2.41 -0.13	42.23 2.40 -1.23	42.58 2.37 -1.26	44.26 2.80 -1.36	43.56 2.93 -0.26	50.51 2.89 -1.84	68.51 3.50 -3.22	49.76 2.96 -1.79	55.43 3.55 -2.18	47.78 3.35 -1.59	41.03 3.25 -1.08	47.35 3.75 -1.53	44.59 3.49 -1.35	33.16 2.57 -0.49	32.49 2.38 -0.47	30.91 2.04 -0.34
JARVIS____ 23743	41.14 0.39 0.00	36.66 0.32 0.00	35.69 0.32 0.00	33.71 0.29 0.00	35.11 0.24 0.00	28.80 0.18 0.00	25.48 0.18 0.00	31.55 0.31 0.00	36.47 0.40 0.00	39.02 0.41 0.00	39.34 0.39 0.00	40.50 0.41 0.00	40.81 0.44 0.00	46.24 0.46 0.00	62.45 0.66 0.00	45.47 0.45 0.00	50.20 0.49 0.00	43.28 0.45 0.00	37.10 0.40 0.00	42.50 0.43 0.00	40.14 0.39 0.00	30.42 0.32 0.00	29.91 0.28 0.00	28.79 0.26 0.00
JENNISON___1 23625	44.26 3.13 -0.37	38.93 2.47 -0.12	37.74 2.31 -0.06	35.64 2.09 -0.14	37.53 2.03 -0.65	30.64 1.80 -0.22	26.99 1.69 0.00	33.76 2.43 -0.09	38.94 2.78 -0.09	42.58 3.10 -0.87	43.03 3.19 -0.89	44.60 3.55 -0.96	44.29 3.74 -0.18	50.84 3.76 -1.30	68.54 4.47 -2.28	49.89 3.61 -1.27	55.45 4.20 -1.54	47.93 3.97 -1.12	41.01 3.55 -0.76	46.99 3.84 -1.08	44.30 3.60 -0.95	33.06 2.62 -0.34	32.34 2.38 -0.33	30.73 1.96 -0.24
JENNISON___2 23626	44.26 3.13 -0.37	38.93 2.47 -0.12	37.74 2.31 -0.06	35.64 2.09 -0.14	37.53 2.03 -0.65	30.64 1.80 -0.22	26.99 1.69 0.00	33.76 2.43 -0.09	38.94 2.78 -0.09	42.58 3.10 -0.87	43.03 3.19 -0.89	44.60 3.55 -0.96	44.29 3.74 -0.18	50.84 3.76 -1.30	68.54 4.47 -2.28	49.89 3.61 -1.27	55.45 4.20 -1.54	47.93 3.97 -1.12	41.01 3.55 -0.76	46.99 3.84 -1.08	44.30 3.60 -0.95	33.06 2.62 -0.34	32.34 2.38 -0.33	30.73 1.96 -0.24
JERICHO_RISE_WT_PWR 323719	40.15 -0.60 0.00	35.88 -0.46 0.00	34.86 -0.51 0.00	33.05 -0.36 0.00	34.79 -0.07 0.00	28.55 -0.06 0.00	25.19 -0.11 0.00	30.78 -0.46 0.00	35.30 -0.78 0.00	37.58 -1.03 0.00	37.85 -1.10 0.00	38.89 -1.20 0.00	39.10 -1.27 0.00	44.65 -1.13 0.00	59.93 -1.86 0.00	43.95 -1.07 0.00	48.45 -1.26 0.00	41.37 -1.46 0.00	35.44 -1.26 0.00	40.92 -1.15 0.00	38.84 -0.90 0.00	29.41 -0.69 0.00	29.05 -0.58 0.00	28.02 -0.50 0.00
KATONAH___115KV_46KV_TB4 355592	43.25 2.50 0.00	38.42 2.08 0.00	37.33 1.96 0.00	35.11 1.70 0.00	36.46 1.60 0.00	30.04 1.42 0.00	28.33 1.47 -1.56	42.76 2.17 -9.35	38.95 2.88 0.00	41.76 3.15 0.00	42.34 3.39 0.00	43.82 3.73 0.00	44.31 3.94 0.00	50.05 4.27 0.00	67.60 5.81 0.00	49.41 4.39 0.00	54.70 4.99 0.00	59.33 4.19 -12.30	48.98 3.33 -8.95	45.63 3.55 0.00	42.96 3.22 0.00	32.46 2.36 0.00	31.79 2.16 0.00	30.58 2.06 0.00
KCE_NY_1 323755	43.34 2.59 0.00	38.64 2.30 0.00	37.54 2.18 0.00	35.38 1.96 0.00	36.80 1.94 0.00	30.21 1.59 0.00	27.27 1.57 -0.40	35.77 2.13 -2.39	38.55 2.48 0.00	41.16 2.55 0.00	41.24 2.29 0.00	42.31 2.22 0.00	42.58 2.21 0.00	48.44 2.66 0.00	65.87 4.08 0.00	47.81 2.80 0.00	52.43 2.72 0.00	48.92 2.67 -3.43	41.57 2.34 -2.53	44.74 2.67 0.00	42.25 2.51 0.00	32.03 1.93 0.00	31.47 1.84 0.00	30.26 1.73 0.00
KCE_NY_6_ESR 323823	43.70 2.95 0.00	37.90 1.56 0.00	36.42 1.05 0.00	34.16 0.74 0.00	34.95 0.09 0.00	28.92 0.31 0.00	25.71 0.40 0.00	32.65 1.41 0.00	37.72 1.66 0.00	40.93 2.33 0.00	41.69 2.74 0.00	42.90 2.81 0.00	43.20 2.83 0.00	47.94 2.16 0.00	64.35 2.56 0.00	46.58 1.56 0.00	51.50 1.78 0.00	44.43 1.59 0.00	37.95 1.25 0.00	43.34 1.26 0.00	40.66 0.91 -0.01	30.68 0.58 0.00	30.50 0.87 0.00	29.42 0.90 0.00
KEDC_PORT_JEFF_GT2 24210	47.64 3.01 -3.88	38.83 2.48 0.00	37.71 2.34 0.00	35.39 1.97 0.00	36.71 1.85 0.00	30.25 1.64 0.00	29.60 1.72 -2.58	49.12 2.43 -15.45	39.28 3.20 0.00	43.53 3.60 -1.33	65.17 4.28 -21.95	221.65 4.44 -177.11	224.69 4.49 -179.83	285.83 4.82 -235.23	246.69 6.34 -178.56	260.32 4.81 -210.50	265.24 5.49 -210.03	273.24 4.71 -225.70	283.18 3.80 -242.69	272.09 4.06 -225.96	301.94 3.58 -258.61	70.14 2.52 -37.52	32.60 2.39 -0.59	33.53 2.48 -2.53
KEDC_PORT_JEFF_GT3 24211	47.64 3.01 -3.88	38.83 2.48 0.00	37.71 2.34 0.00	35.39 1.97 0.00	36.71 1.85 0.00	30.25 1.64 0.00	29.60 1.72 -2.58	49.12 2.43 -15.45	39.28 3.20 0.00	43.53 3.60 -1.33	65.17 4.28 -21.95	221.65 4.44 -177.11	224.69 4.49 -179.83	285.83 4.82 -235.23	246.69 6.34 -178.56	260.32 4.81 -210.50	265.24 5.49 -210.03	273.24 4.71 -225.70	283.18 3.80 -242.69	272.09 4.06 -225.96	301.94 3.58 -258.61	70.14 2.52 -37.52	32.60 2.39 -0.59	33.53 2.48 -2.53
KEDC_GLWD_GT4 24219	47.35 2.72 -3.88	38.60 2.26 0.00	37.78 2.41 0.00	35.50 2.08 0.00	36.83 1.96 0.00	30.35 1.73 0.00	29.65 1.78 -2.58	49.20 2.50 -15.45	39.09 3.02 0.00	42.71 3.35 -0.75	62.08 3.92 -19.22	84.01 4.32 -39.59	110.71 4.60 -65.74	210.46 4.95 -159.73	273.87 6.67 -205.41	274.19 5.03 -224.15	279.17 5.80 -223.66	243.11 4.91 -195.37	256.68 3.97 -216.01	46.58 4.17 -0.33	43.44 3.69 0.00	33.03 2.61 -0.33	32.07 2.43 -0.01	30.81 2.28 0.00
KEDC_GLWD_GT5 24220	47.35 2.72 -3.88	38.60 2.26 0.00	37.78 2.41 0.00	35.50 2.08 0.00	36.83 1.96 0.00	30.35 1.73 0.00	29.65 1.78 -2.58	49.20 2.50 -15.45	39.09 3.02 0.00	42.71 3.35 -0.75	62.08 3.92 -19.22	84.01 4.32 -39.59	110.71 4.60 -65.74	210.46 4.95 -159.73	273.87 6.67 -205.41	274.19 5.03 -224.15	279.17 5.80 -223.66	243.11 4.91 -195.37	256.68 3.97 -216.01	46.58 4.17 -0.33	43.44 3.69 0.00	33.03 2.61 -0.33	32.07 2.43 -0.01	30.81 2.28 0.00

KENSICO____ 23655	42.98 2.23 0.00	38.21 1.87 0.00	37.14 1.77 0.00	34.94 1.52 0.00	36.29 1.43 0.00	29.89 1.28 0.00	29.37 1.34 -2.72	49.56 1.98 -16.34	38.74 2.66 0.00	41.50 2.89 0.00	42.05 3.10 0.00	43.48 3.39 0.00	43.95 3.57 0.00	49.60 3.82 0.00	66.93 5.14 0.00	48.94 3.92 0.00	54.23 4.52 0.00	62.19 3.85 -15.50	51.00 3.07 -11.24	45.36 3.28 0.00	42.72 2.98 0.00	32.28 2.18 0.00	31.63 2.00 0.00	30.46 1.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.19 2.44 0.00	38.29 1.95 0.00	37.16 1.80 0.00	34.96 1.55 0.00	36.30 1.44 0.00	29.90 1.28 0.00	26.65 1.35 0.00	33.21 1.96 0.00	38.75 2.68 0.00	41.51 2.91 0.00	41.79 2.83 0.00	43.27 3.17 0.00	43.81 3.44 0.00	49.50 3.73 0.00	66.93 5.14 0.00	49.03 4.01 0.00	54.33 4.62 0.00	49.43 3.90 -2.70	41.75 3.06 -1.99	45.31 3.23 0.00	42.72 2.97 0.00	32.28 2.18 0.00	31.77 2.13 0.00	30.50 1.98 0.00
KIAC_JFK_GT1 23816	43.12 2.37 0.00	38.45 2.11 0.00	37.33 1.96 0.00	35.10 1.68 0.00	36.47 1.61 0.00	30.08 1.46 0.00	29.40 1.55 -2.55	48.74 2.19 -15.31	39.06 2.99 0.00	41.82 3.21 0.00	42.38 3.43 0.00	43.88 3.78 0.00	44.64 3.99 -0.29	49.96 4.18 0.00	67.48 5.69 0.00	49.37 4.35 0.00	54.75 5.04 0.00	62.14 4.24 -15.07	53.72 3.35 -13.67	45.71 3.64 0.00	43.07 3.33 0.00	32.53 2.43 0.00	31.89 2.26 0.00	30.74 2.22 0.00
KIAC_JFK_GT2 23817	43.12 2.37 0.00	38.45 2.11 0.00	37.33 1.96 0.00	35.10 1.68 0.00	36.47 1.61 0.00	30.08 1.46 0.00	29.40 1.55 -2.55	48.74 2.19 -15.31	39.06 2.99 0.00	41.82 3.21 0.00	42.38 3.43 0.00	43.88 3.78 0.00	44.64 3.99 -0.29	49.96 4.18 0.00	67.48 5.69 0.00	49.37 4.35 0.00	54.75 5.04 0.00	62.14 4.24 -15.07	53.72 3.35 -13.67	45.71 3.64 0.00	43.07 3.33 0.00	32.53 2.43 0.00	31.89 2.26 0.00	30.74 2.22 0.00
KIAC_JFK____ 323774	43.12 2.37 0.00	38.45 2.11 0.00	37.32 1.96 0.00	35.10 1.68 0.00	36.47 1.61 0.00	30.08 1.46 0.00	29.40 1.55 -2.55	48.74 2.19 -15.31	39.06 2.99 0.00	41.82 3.21 0.00	42.38 3.43 0.00	43.87 3.78 0.00	44.64 3.99 -0.29	49.96 4.18 0.00	67.48 5.69 0.00	49.36 4.34 0.00	54.75 5.04 0.00	62.14 4.24 -15.07	53.72 3.35 -13.67	45.71 3.64 0.00	43.08 3.34 0.00	32.53 2.43 0.00	31.89 2.26 0.00	30.74 2.22 0.00
KINTIGH____ 23543	42.32 1.57 0.00	36.88 0.53 0.00	35.51 0.14 0.00	33.32 -0.10 0.00	34.17 -0.70 0.00	28.25 -0.37 0.00	25.10 -0.20 0.00	31.74 0.50 0.00	36.60 0.53 0.00	39.57 0.97 0.00	40.19 1.24 0.00	41.25 1.15 0.00	41.59 1.22 0.00	46.27 0.49 0.00	62.05 0.25 0.00	44.91 -0.10 0.00	49.62 -0.09 0.00	42.83 0.00 0.00	36.60 -0.10 0.00	41.88 -0.19 0.00	39.26 -0.49 0.00	29.76 -0.34 0.00	29.59 -0.04 0.00	28.55 0.03 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.00 0.25 0.00	36.59 0.25 0.00	35.50 0.14 0.00	33.62 0.20 0.00	35.36 0.50 0.00	29.06 0.45 0.00	25.72 0.41 0.00	31.47 0.22 0.00	36.12 0.05 0.00	38.39 -0.22 0.00	38.60 -0.35 0.00	39.67 -0.43 0.00	39.92 -0.45 0.00	45.74 -0.04 0.00	61.03 -0.76 0.00	44.86 -0.15 0.00	49.42 -0.29 0.00	42.04 -0.80 0.00	36.00 -0.70 0.00	41.58 -0.49 0.00	39.51 -0.23 0.00	29.93 -0.17 0.00	29.63 0.00 0.00	28.56 0.04 0.00
LACHUTE__HYDRO 323717	45.53 4.78 0.00	40.86 4.52 0.00	39.58 4.21 0.00	37.29 3.87 0.00	38.74 3.88 0.00	32.36 3.75 0.00	29.43 3.74 -0.39	38.42 4.81 -2.37	41.40 5.33 0.00	43.41 4.81 0.00	43.33 4.38 0.00	43.78 3.69 0.00	43.82 3.45 0.00	50.44 4.66 0.00	69.21 7.42 0.00	50.56 5.54 0.00	54.70 4.99 0.00	50.93 4.70 -3.39	43.43 4.23 -2.50	46.60 4.53 0.00	44.09 4.34 0.00	33.54 3.44 0.00	33.15 3.52 0.00	32.13 3.61 0.00
LAWRNCAL_115KV_TB1 80681	39.81 -0.94 0.00	35.54 -0.80 0.00	34.52 -0.85 0.00	32.72 -0.70 0.00	34.46 -0.40 0.00	28.30 -0.31 0.00	25.00 -0.30 0.00	30.34 -0.90 0.00	34.46 -1.61 0.00	36.73 -1.88 0.00	37.10 -1.85 0.00	37.84 -2.25 0.00	37.90 -2.47 0.00	43.20 -2.58 0.00	58.11 -3.68 0.00	42.48 -2.54 0.00	46.98 -2.74 0.00	40.27 -2.56 0.00	34.68 -2.02 0.00	40.07 -2.00 0.00	38.04 -1.71 0.00	28.95 -1.15 0.00	28.64 -0.99 0.00	27.71 -0.81 0.00
LEDERLE____ 23769	42.88 2.13 0.00	38.12 1.78 0.00	37.04 1.68 0.00	34.86 1.45 0.00	36.20 1.34 0.00	29.83 1.21 0.00	22.86 1.28 3.72	10.78 1.85 22.32	38.60 2.53 0.00	41.43 2.82 0.00	42.00 3.05 0.00	43.48 3.38 0.00	43.98 3.61 0.00	49.65 3.87 0.00	67.00 5.21 0.00	48.99 3.97 0.00	54.33 4.62 0.00	71.27 3.96 -24.48	58.22 3.20 -18.32	45.47 3.39 0.00	42.81 3.07 0.00	32.32 2.22 0.00	31.61 1.98 0.00	30.42 1.89 0.00
LIGHTRSE_115KV_TB6 355974	43.01 0.78 -1.48	37.27 0.43 -0.50	35.89 0.29 -0.23	34.16 0.19 -0.55	37.54 0.10 -2.59	29.64 0.14 -0.88	25.52 0.22 0.00	32.07 0.47 -0.35	36.97 0.54 -0.36	42.71 0.65 -3.45	43.28 0.77 -3.55	44.60 0.67 -3.84	41.56 0.47 -0.72	51.49 0.53 -5.18	65.47 0.80 -2.88	47.76 0.56 -2.18	56.22 0.36 -6.14	47.76 0.43 -4.49	40.39 0.65 -3.04	47.10 0.73 -4.30	44.25 0.71 -3.80	32.06 0.59 -1.37	31.50 0.53 -1.33	29.92 0.43 -0.97
LINDEN COGEN____ 23786	42.93 2.18 0.00	38.15 1.81 0.00	37.06 1.70 0.00	34.84 1.42 0.00	36.18 1.32 0.00	29.82 1.20 0.00	28.16 1.32 -1.54	34.52 2.04 -1.23	38.87 2.80 0.00	41.68 3.07 0.00	42.24 3.29 0.00	43.68 3.59 0.00	44.16 3.79 0.00	49.69 3.91 0.00	67.05 5.26 0.00	49.05 4.03 0.00	54.38 4.67 0.00	61.86 3.96 -15.07	50.81 3.18 -10.93	45.57 3.49 0.00	42.99 3.25 0.00	32.46 2.36 0.00	31.77 2.14 0.00	30.57 2.05 0.00
LINDHRST_69_KV_BK1 356055	47.91 3.28 -3.88	39.03 2.69 0.00	37.93 2.56 0.00	35.61 2.19 0.00	36.94 2.08 0.00	30.44 1.83 0.00	29.76 1.88 -2.58	49.34 2.65 -15.45	39.52 3.45 0.00	43.23 3.83 -0.79	62.84 4.47 -19.42	99.52 4.80 -54.62	108.92 4.99 -63.56	173.17 5.40 -121.99	240.73 7.27 -171.66	243.51 5.48 -193.01	267.72 6.32 -211.69	227.92 5.43 -179.65	206.27 4.37 -165.20	65.06 4.66 -18.33	67.18 4.13 -23.30	37.07 2.95 -4.02	32.53 2.83 -0.07	31.49 2.69 -0.27
LIPA_MISC_IPP 23656	47.52 2.89 -3.88	38.71 2.37 0.00	37.60 2.23 0.00	35.28 1.86 0.00	36.60 1.74 0.00	30.16 1.54 0.00	29.54 1.66 -2.58	49.09 2.40 -15.45	39.28 3.20 0.00	43.46 3.61 -1.24	64.67 4.20 -21.52	202.49 4.65 -157.74	204.99 4.79 -159.84	264.95 5.10 -214.07	244.86 6.66 -176.41	256.36 5.01 -206.33	265.44 5.76 -209.97	254.51 5.02 -206.66	262.52 4.07 -221.74	248.77 4.39 -202.30	298.48 3.99 -254.75	73.08 2.82 -40.16	32.94 2.63 -0.68	34.03 2.57 -2.94
LISF__SOLAR 323691	47.66 3.03 -3.88	38.82 2.47 0.00	37.70 2.33 0.00	35.37 1.95 0.00	36.69 1.83 0.00	30.23 1.62 0.00	29.61 1.74 -2.58	49.19 2.49 -15.45	39.39 3.32 0.00	43.58 3.73 -1.25	64.81 4.31 -21.55	204.22 4.76 -159.36	206.68 4.90 -161.41	266.83 5.23 -215.82	245.25 6.84 -176.62	256.89 5.16 -206.72	265.62 5.92 -209.99	256.88 5.18 -208.87	264.76 4.23 -223.83	249.66 4.57 -203.01	295.53 4.17 -251.63	72.20 2.93 -39.16	33.03 2.75 -0.66	34.02 2.66 -2.84

LITTLE FALLS___HYD 24013	42.21 1.46 0.00	37.63 1.29 0.00	36.60 1.24 0.00	34.47 1.05 0.00	35.80 0.94 0.00	29.34 0.73 0.00	25.96 0.66 0.00	32.18 0.94 0.00	36.97 0.90 0.00	39.56 0.96 0.00	39.71 0.76 0.00	41.01 0.91 0.00	41.43 1.06 0.00	47.19 1.41 0.00	64.13 2.34 0.00	46.11 1.09 0.00	50.68 0.97 0.00	44.22 1.39 0.00	38.18 1.47 0.00	43.67 1.60 0.00	41.16 1.42 0.00	31.21 1.11 0.00	30.67 1.04 0.00	29.44 0.92 0.00
LITTLRIV_115KV_TB1 356100	40.61 -0.32 -0.18	36.13 -0.27 -0.06	35.04 -0.35 -0.03	33.25 -0.24 -0.07	35.28 0.10 -0.32	28.84 0.11 -0.11	25.38 0.08 0.00	30.84 -0.45 -0.04	34.99 -1.13 -0.04	37.62 -1.40 -0.42	37.98 -1.40 -0.43	38.76 -1.80 -0.47	38.36 -2.10 -0.09	44.19 -2.22 -0.63	58.87 -3.16 -0.25	43.04 -2.18 -0.20	48.27 -2.19 -0.75	41.18 -2.20 -0.55	35.57 -1.51 -0.37	41.27 -1.33 -0.52	39.12 -1.09 -0.46	29.57 -0.69 -0.17	29.24 -0.56 -0.16	28.22 -0.42 -0.12
LI_NEWBRDGE___DRP 323616	47.16 2.53 -3.88	38.43 2.09 0.00	37.37 2.01 0.00	35.12 1.70 0.00	36.45 1.59 0.00	30.03 1.41 0.00	29.36 1.48 -2.58	48.80 2.11 -15.45	38.83 2.76 0.00	42.37 3.01 -0.75	61.71 3.54 -19.22	83.54 3.86 -39.59	95.16 4.05 -50.74	150.10 4.33 -99.99	229.33 5.81 -161.73	232.25 4.40 -182.83	263.42 5.10 -208.61	221.67 4.34 -174.50	184.68 3.48 -144.49	46.06 3.65 -0.33	42.97 3.22 0.00	32.72 2.30 -0.33	31.81 2.17 -0.01	30.61 2.09 0.00
LOCKPORT_115KV_TB60_63_64 80432	42.94 2.19 0.00	37.22 0.88 0.00	35.77 0.40 0.00	33.52 0.10 0.00	34.24 -0.62 0.00	28.33 -0.29 0.00	25.19 -0.12 0.00	31.98 0.73 0.00	36.82 0.74 0.00	39.87 1.26 0.00	40.55 1.60 0.00	41.61 1.51 0.00	41.84 1.47 0.00	46.48 0.70 0.00	62.29 0.50 0.00	45.14 0.13 0.00	49.87 0.16 0.00	43.05 0.22 0.00	36.65 -0.06 0.00	41.95 -0.12 0.00	39.44 -0.31 0.00	29.88 -0.22 0.00	29.77 0.14 0.00	28.80 0.28 0.00
LOCKPORT___CC1 323769	42.76 2.01 0.00	37.09 0.74 0.00	35.64 0.27 0.00	33.40 -0.02 0.00	34.12 -0.74 0.00	28.23 -0.39 0.00	25.09 -0.21 0.00	31.86 0.62 0.00	36.67 0.59 0.00	39.74 1.14 0.00	40.44 1.49 0.00	41.49 1.39 0.00	41.72 1.35 0.00	46.35 0.57 0.00	62.12 0.33 0.00	45.00 -0.02 0.00	49.70 -0.01 0.00	42.94 0.11 0.00	36.48 -0.22 0.00	41.73 -0.34 0.00	39.22 -0.53 0.00	29.71 -0.39 0.00	29.62 -0.01 0.00	28.69 0.17 0.00
LOCKPORT___CC2 323770	42.76 2.01 0.00	37.09 0.74 0.00	35.64 0.27 0.00	33.40 -0.02 0.00	34.12 -0.74 0.00	28.23 -0.39 0.00	25.09 -0.21 0.00	31.86 0.62 0.00	36.67 0.59 0.00	39.74 1.14 0.00	40.44 1.49 0.00	41.49 1.39 0.00	41.72 1.35 0.00	46.35 0.57 0.00	62.12 0.33 0.00	45.00 -0.02 0.00	49.70 -0.01 0.00	42.94 0.11 0.00	36.48 -0.22 0.00	41.73 -0.34 0.00	39.22 -0.53 0.00	29.71 -0.39 0.00	29.62 -0.01 0.00	28.69 0.17 0.00
LOCKPORT___CC3 323771	42.76 2.01 0.00	37.09 0.74 0.00	35.64 0.27 0.00	33.40 -0.02 0.00	34.12 -0.74 0.00	28.23 -0.39 0.00	25.09 -0.21 0.00	31.86 0.62 0.00	36.67 0.59 0.00	39.74 1.14 0.00	40.44 1.49 0.00	41.49 1.39 0.00	41.72 1.35 0.00	46.35 0.57 0.00	62.12 0.33 0.00	45.00 -0.02 0.00	49.70 -0.01 0.00	42.94 0.11 0.00	36.48 -0.22 0.00	41.73 -0.34 0.00	39.22 -0.53 0.00	29.71 -0.39 0.00	29.62 -0.01 0.00	28.69 0.17 0.00
LONG_LAKE_PHOENIX 24014	42.82 -0.02 -2.09	36.81 -0.23 -0.70	35.37 -0.32 -0.32	33.82 -0.37 -0.77	37.97 -0.52 -3.63	29.48 -0.38 -1.24	25.04 -0.26 0.00	31.65 -0.09 -0.50	36.50 -0.09 -0.51	43.49 0.03 -4.85	44.02 0.08 -4.99	45.60 0.12 -5.40	41.45 0.07 -1.01	53.01 -0.05 -7.29	66.92 1.18 -3.95	50.32 0.36 -4.94	58.39 0.05 -8.63	49.26 0.12 -6.31	41.13 0.15 -4.27	48.23 0.11 -6.04	45.10 0.01 -5.34	31.98 -0.05 -1.93	31.42 -0.08 -1.87	29.76 -0.13 -1.36
LOVETT___3 23632	42.54 1.79 0.00	37.84 1.50 0.00	36.81 1.44 0.00	34.65 1.23 0.00	35.98 1.12 0.00	29.65 1.04 0.00	22.54 1.11 3.87	9.63 1.61 23.23	38.30 2.22 0.00	41.07 2.47 0.00	41.61 2.66 0.00	43.05 2.96 0.00	43.54 3.17 0.00	49.14 3.36 0.00	66.29 4.49 0.00	48.47 3.45 0.00	53.75 4.04 0.00	68.28 3.47 -21.98	55.98 2.79 -16.48	45.02 2.95 0.00	42.40 2.66 0.00	32.03 1.93 0.00	31.35 1.72 0.00	30.18 1.65 0.00
LOVETT___4 23642	42.54 1.79 0.00	37.84 1.50 0.00	36.81 1.44 0.00	34.65 1.23 0.00	35.98 1.12 0.00	29.65 1.04 0.00	22.54 1.11 3.87	9.63 1.61 23.23	38.30 2.22 0.00	41.07 2.47 0.00	41.61 2.66 0.00	43.05 2.96 0.00	43.54 3.17 0.00	49.14 3.36 0.00	66.29 4.49 0.00	48.47 3.45 0.00	53.75 4.04 0.00	68.28 3.47 -21.98	55.98 2.79 -16.48	45.02 2.95 0.00	42.40 2.66 0.00	32.03 1.93 0.00	31.35 1.72 0.00	30.18 1.65 0.00
LOVETT___5 23593	42.54 1.79 0.00	37.84 1.50 0.00	36.81 1.44 0.00	34.65 1.23 0.00	35.98 1.12 0.00	29.65 1.04 0.00	22.54 1.11 3.87	9.63 1.61 23.23	38.30 2.22 0.00	41.07 2.47 0.00	41.61 2.66 0.00	43.05 2.96 0.00	43.54 3.17 0.00	49.14 3.36 0.00	66.29 4.49 0.00	48.47 3.45 0.00	53.75 4.04 0.00	68.28 3.47 -21.98	55.98 2.79 -16.48	45.02 2.95 0.00	42.40 2.66 0.00	32.03 1.93 0.00	31.35 1.72 0.00	30.18 1.65 0.00
LOWER RAQUET___HYD 24057	40.09 -0.85 -0.19	35.67 -0.73 -0.06	34.61 -0.79 -0.03	32.84 -0.65 -0.07	34.85 -0.35 -0.34	28.47 -0.26 -0.12	25.05 -0.25 0.00	30.42 -0.87 -0.05	34.48 -1.64 -0.05	37.15 -1.91 -0.45	37.53 -1.89 -0.46	38.26 -2.33 -0.50	37.89 -2.57 -0.09	43.76 -2.69 -0.67	58.18 -3.87 -0.26	42.57 -2.66 -0.22	47.65 -2.86 -0.80	40.73 -2.68 -0.58	35.01 -2.09 -0.39	40.57 -2.06 -0.56	38.48 -1.76 -0.49	29.12 -1.16 -0.18	28.82 -0.99 -0.17	27.86 -0.79 -0.13
LOWER___HUDSON 24059	42.56 1.81 0.00	38.02 1.68 0.00	37.03 1.66 0.00	34.91 1.49 0.00	36.31 1.45 0.00	29.74 1.12 0.00	26.82 1.08 -0.43	35.37 1.53 -2.60	37.81 1.74 0.00	40.32 1.72 0.00	40.41 1.46 0.00	41.48 1.39 0.00	41.76 1.39 0.00	47.50 1.72 0.00	64.30 2.51 0.00	46.82 1.80 0.00	51.50 1.79 0.00	48.23 1.67 -3.73	40.93 1.48 -2.75	43.83 1.76 0.00	41.37 1.62 0.00	31.43 1.33 0.00	30.86 1.23 0.00	29.71 1.19 0.00
LOWVILLE_115KV_TB2 356335	43.32 2.13 -0.44	38.15 1.66 -0.15	36.93 1.50 -0.07	34.94 1.36 -0.16	37.05 1.42 -0.77	30.12 1.24 -0.26	26.48 1.18 0.00	32.83 1.48 -0.11	37.76 1.58 -0.11	41.26 1.62 -1.03	41.80 1.78 -1.06	42.84 1.60 -1.15	41.96 1.38 -0.22	48.88 1.55 -1.55	64.07 1.67 -0.61	46.85 1.33 -0.50	53.18 1.63 -1.84	45.67 1.49 -1.34	39.30 1.69 -0.91	45.43 2.07 -1.29	42.99 2.10 -1.14	32.13 1.62 -0.41	31.54 1.51 -0.40	30.18 1.37 -0.29
LUTHERFT_115KV_GLOB_FND_222 355753	43.31 2.56 0.00	38.62 2.28 0.00	37.55 2.18 0.00	35.38 1.97 0.00	36.81 1.95 0.00	30.21 1.60 0.00	27.24 1.54 -0.40	35.74 2.11 -2.39	38.51 2.44 0.00	41.11 2.51 0.00	41.19 2.24 0.00	42.28 2.19 0.00	42.53 2.16 0.00	48.37 2.59 0.00	65.75 3.96 0.00	47.75 2.73 0.00	52.42 2.70 0.00	48.90 2.64 -3.43	41.55 2.32 -2.53	44.73 2.66 0.00	42.23 2.48 0.00	32.03 1.93 0.00	31.45 1.81 0.00	30.25 1.72 0.00

LUTHERNY_35_KV_BK2 355980	43.34 2.59 0.00	38.64 2.30 0.00	37.54 2.18 0.00	35.38 1.96 0.00	36.80 1.94 0.00	30.21 1.60 0.00	27.27 1.57 -0.40	35.77 2.14 -2.39	38.55 2.48 0.00	41.16 2.55 0.00	41.24 2.29 0.00	42.32 2.23 0.00	42.58 2.21 0.00	48.44 2.66 0.00	65.87 4.08 0.00	47.81 2.80 0.00	52.43 2.72 0.00	48.92 2.67 -3.43	41.57 2.34 -2.53	44.74 2.67 0.00	42.25 2.51 0.00	32.03 1.93 0.00	31.47 1.84 0.00	30.26 1.73 0.00
LWR___OSWEGATCHIE_HYD 23850	41.85 0.72 -0.38	36.98 0.50 -0.13	35.80 0.38 -0.06	33.93 0.37 -0.14	36.07 0.54 -0.67	29.35 0.51 -0.23	25.79 0.48 0.00	31.70 0.37 -0.09	36.21 0.04 -0.09	39.45 -0.05 -0.89	39.94 0.07 -0.91	40.82 -0.26 -0.99	40.05 -0.51 -0.19	46.66 -0.45 -1.34	61.30 -1.02 -0.52	44.86 -0.58 -0.43	50.75 -0.55 -1.58	43.48 -0.51 -1.16	37.42 -0.07 -0.78	43.31 0.12 -1.11	41.02 0.30 -0.98	30.76 0.31 -0.35	30.30 0.33 -0.34	29.09 0.32 -0.25
LYONS_FALL_HYD 23570	43.02 1.94 -0.32	37.99 1.54 -0.11	36.80 1.39 -0.05	34.80 1.26 -0.12	36.71 1.28 -0.57	29.92 1.12 -0.19	26.34 1.04 0.00	32.65 1.34 -0.08	37.62 1.47 -0.08	40.90 1.54 -0.75	41.43 1.70 -0.78	42.52 1.59 -0.84	41.97 1.44 -0.16	48.55 1.64 -1.13	64.22 1.99 -0.44	46.89 1.51 -0.37	52.89 1.84 -1.34	45.45 1.64 -0.98	39.04 1.68 -0.67	45.00 1.99 -0.94	42.54 1.97 -0.83	31.89 1.50 -0.30	31.30 1.38 -0.29	30.01 1.28 -0.21
MADISON___COUNTY_LFGE 323628	43.13 2.04 -0.34	38.07 1.61 -0.12	36.87 1.45 -0.05	34.84 1.30 -0.13	36.72 1.26 -0.60	29.90 1.08 -0.20	26.19 0.89 0.00	32.50 1.18 -0.08	37.52 1.36 -0.08	40.91 1.51 -0.79	41.44 1.67 -0.82	42.64 1.66 -0.88	42.17 1.64 -0.17	48.82 1.85 -1.19	65.87 2.48 -1.60	47.84 1.87 -0.96	53.44 2.32 -1.41	45.84 1.97 -1.03	39.22 1.81 -0.70	45.10 2.04 -0.99	42.57 1.95 -0.87	31.84 1.42 -0.32	31.28 1.34 -0.31	30.13 1.39 -0.22
MALONE___115KV_TB1 356076	40.63 -0.12 0.00	36.25 -0.10 0.00	35.19 -0.18 0.00	33.35 -0.07 0.00	35.09 0.23 0.00	28.82 0.20 0.00	25.46 0.16 0.00	31.07 -0.17 0.00	35.54 -0.53 0.00	37.83 -0.78 0.00	38.13 -0.82 0.00	39.13 -0.96 0.00	39.32 -1.05 0.00	44.85 -0.93 0.00	60.14 -1.65 0.00	44.23 -0.78 0.00	48.80 -0.91 0.00	41.70 -1.14 0.00	35.76 -0.94 0.00	41.35 -0.73 0.00	39.23 -0.51 0.00	29.74 -0.36 0.00	29.37 -0.26 0.00	28.31 -0.21 0.00
MAPLEWOD_115KV_TB3 80458	42.46 1.71 0.00	37.94 1.60 0.00	36.99 1.63 0.00	34.86 1.44 0.00	36.26 1.40 0.00	29.70 1.09 0.00	26.72 0.99 -0.43	35.23 1.43 -2.56	37.70 1.63 0.00	40.25 1.65 0.00	40.36 1.40 0.00	41.46 1.37 0.00	41.75 1.38 0.00	47.50 1.72 0.00	64.31 2.51 0.00	46.81 1.79 0.00	51.36 1.65 0.00	48.07 1.54 -3.70	40.80 1.37 -2.72	43.68 1.61 0.00	41.23 1.48 0.00	31.30 1.20 0.00	30.76 1.13 0.00	29.60 1.08 0.00
MAPLE_RIDGE_WT_1 323574	40.50 -0.25 0.00	36.13 -0.21 0.00	35.16 -0.21 0.00	33.23 -0.19 0.00	34.74 -0.12 0.00	28.51 -0.11 0.00	25.20 -0.10 0.00	31.04 -0.21 0.00	35.77 -0.31 0.00	38.25 -0.36 0.00	38.56 -0.39 0.00	39.62 -0.47 0.00	39.80 -0.57 0.00	45.18 -0.60 0.00	60.96 -0.83 0.00	44.43 -0.59 0.00	49.06 -0.65 0.00	42.24 -0.60 0.00	36.19 -0.51 0.00	41.56 -0.51 0.00	39.31 -0.44 0.00	29.79 -0.31 0.00	29.38 -0.25 0.00	28.29 -0.23 0.00
MAPLE_RIDGE_WT_2 323611	40.50 -0.25 0.00	36.13 -0.21 0.00	35.16 -0.21 0.00	33.23 -0.19 0.00	34.74 -0.12 0.00	28.51 -0.11 0.00	25.20 -0.10 0.00	31.04 -0.21 0.00	35.77 -0.31 0.00	38.25 -0.36 0.00	38.56 -0.39 0.00	39.62 -0.47 0.00	39.80 -0.57 0.00	45.18 -0.60 0.00	60.96 -0.83 0.00	44.43 -0.59 0.00	49.06 -0.65 0.00	42.24 -0.60 0.00	36.19 -0.51 0.00	41.56 -0.51 0.00	39.31 -0.44 0.00	29.79 -0.31 0.00	29.38 -0.25 0.00	28.29 -0.23 0.00
MARBLE_RIVER_WT_PWR 323696	40.37 -0.38 0.00	36.07 -0.27 0.00	35.03 -0.33 0.00	33.20 -0.22 0.00	34.92 0.06 0.00	28.68 0.06 0.00	25.32 0.02 0.00	30.96 -0.28 0.00	35.54 -0.53 0.00	37.82 -0.79 0.00	38.08 -0.87 0.00	39.14 -0.95 0.00	39.36 -1.01 0.00	44.96 -0.82 0.00	60.30 -1.49 0.00	44.23 -0.79 0.00	48.73 -0.98 0.00	41.55 -1.28 0.00	35.59 -1.11 0.00	41.09 -0.98 0.00	39.00 -0.75 0.00	29.53 -0.56 0.00	29.20 -0.43 0.00	28.17 -0.36 0.00
MARSHVLE_115KV_TB1 80742	43.91 3.16 0.00	38.92 2.58 0.00	37.78 2.41 0.00	35.66 2.25 0.00	37.20 2.34 0.00	30.63 2.01 0.00	27.05 1.74 0.00	33.10 1.86 0.00	38.08 2.01 0.00	40.99 2.38 0.00	41.43 2.48 0.00	42.89 2.80 0.00	43.46 3.09 0.00	49.67 3.89 0.00	66.39 4.60 0.00	47.98 2.96 0.00	53.18 3.47 0.00	46.66 3.83 0.00	40.00 3.29 0.00	45.66 3.59 0.00	43.06 3.32 0.00	32.64 2.54 0.00	31.98 2.35 0.00	30.73 2.21 0.00
MARSH_HILL_WT_PWR 323713	44.03 3.04 -0.24	38.32 1.90 -0.08	36.89 1.49 -0.04	34.73 1.22 -0.09	36.13 0.85 -0.42	29.68 0.93 -0.14	26.25 0.95 0.00	33.19 1.89 -0.06	38.22 2.09 -0.06	41.81 2.65 -0.55	42.11 2.58 -0.58	43.49 2.78 -0.62	43.30 2.81 -0.12	49.08 2.47 -0.84	66.59 3.31 -1.49	47.38 1.54 -0.83	52.66 1.96 -0.99	45.71 2.16 -0.73	39.23 2.03 -0.49	44.97 2.20 -0.69	42.23 1.87 -0.62	31.56 1.23 -0.22	31.28 1.43 -0.21	30.10 1.42 -0.16
MCINTYRE_115KV_TB2 80467	40.57 -0.18 0.00	36.21 -0.13 0.00	35.15 -0.22 0.00	33.31 -0.11 0.00	35.13 0.27 0.00	28.87 0.25 0.00	25.50 0.20 0.00	30.94 -0.30 0.00	35.17 -0.91 0.00	37.36 -1.25 0.00	37.71 -1.25 0.00	38.46 -1.63 0.00	38.40 -1.97 0.00	43.66 -2.12 0.00	58.92 -2.88 0.00	43.00 -2.02 0.00	47.84 -1.87 0.00	40.77 -2.06 0.00	35.44 -1.26 0.00	41.11 -0.97 0.00	38.99 -0.75 0.00	29.61 -0.48 0.00	29.26 -0.37 0.00	28.24 -0.28 0.00
MECO_____69_KV_BK1 80468	45.66 4.91 0.00	40.49 4.15 0.00	39.31 3.94 0.00	37.03 3.61 0.00	38.59 3.73 0.00	31.70 3.09 0.00	27.65 2.35 0.00	33.10 1.86 0.00	37.56 1.48 0.00	41.12 2.51 0.00	39.30 0.34 0.00	41.73 1.64 0.00	42.00 1.63 0.00	49.00 3.22 0.00	67.68 5.89 0.00	46.92 1.90 0.00	52.26 2.54 0.00	50.30 7.47 0.00	43.15 6.45 0.00	47.76 5.68 0.00	45.30 5.55 0.00	34.14 4.04 0.00	33.38 3.75 0.00	32.02 3.50 0.00
MENANDS___115KV_TB5 355628	42.09 1.34 0.00	37.66 1.32 0.00	36.76 1.39 0.00	34.66 1.23 0.00	36.05 1.19 0.00	29.52 0.90 0.00	26.54 0.82 -0.43	35.00 1.19 -2.57	37.41 1.34 0.00	39.92 1.32 0.00	40.00 1.05 0.00	41.11 1.01 0.00	41.40 1.03 0.00	47.08 1.31 0.00	63.69 1.90 0.00	46.35 1.33 0.00	50.94 1.23 0.00	47.66 1.11 -3.71	40.42 0.98 -2.74	43.24 1.17 0.00	40.84 1.10 0.00	31.02 0.92 0.00	30.50 0.87 0.00	29.37 0.85 0.00
MG INDUSTRY___DRP 24185	42.05 1.30 0.00	37.67 1.33 0.00	36.80 1.43 0.00	34.73 1.32 0.00	36.14 1.28 0.00	29.58 0.96 0.00	26.48 0.80 -0.38	34.61 1.11 -2.27	37.15 1.08 0.00	39.51 0.90 0.00	39.59 0.63 0.00	40.60 0.51 0.00	40.88 0.51 0.00	46.63 0.85 0.00	63.28 1.49 0.00	46.09 1.07 0.00	50.33 0.61 0.00	46.92 0.53 -3.56	39.93 0.60 -2.63	42.96 0.88 0.00	40.63 0.88 0.00	30.92 0.82 0.00	30.49 0.86 0.00	29.37 0.84 0.00

MID___OSWEGATCHIE_HYD 23849	41.85 0.72 -0.38	36.98 0.50 -0.13	35.80 0.38 -0.06	33.93 0.37 -0.14	36.07 0.54 -0.67	29.35 0.51 -0.23	25.79 0.48 0.00	31.70 0.37 -0.09	36.21 0.04 -0.09	39.45 -0.05 -0.89	39.94 0.07 -0.91	40.82 -0.26 -0.99	40.05 -0.51 -0.19	46.66 -0.45 -1.34	61.30 -1.02 -0.52	44.86 -0.58 -0.43	50.75 -0.55 -1.58	43.48 -0.51 -1.16	37.42 -0.07 -0.78	43.31 0.12 -1.11	41.02 0.30 -0.98	30.76 0.31 -0.35	30.30 0.33 -0.34	29.09 0.32 -0.25
MID___RAQUETTE_HYD 23851	40.09 -0.85 -0.19	35.67 -0.73 -0.06	34.61 -0.79 -0.03	32.85 -0.65 -0.07	34.85 -0.35 -0.34	28.47 -0.26 -0.12	25.05 -0.25 0.00	30.42 -0.87 -0.05	34.48 -1.64 -0.05	37.14 -1.91 -0.45	37.53 -1.89 -0.46	38.26 -2.33 -0.50	37.89 -2.57 -0.09	43.77 -2.69 -0.67	58.18 -3.87 -0.26	42.57 -2.66 -0.22	47.65 -2.86 -0.80	40.74 -2.68 -0.58	35.00 -2.09 -0.39	40.57 -2.06 -0.56	38.48 -1.76 -0.49	29.12 -1.16 -0.18	28.82 -0.99 -0.17	27.86 -0.79 -0.13
MILLIKEN___1 23584	43.35 1.89 -0.71	37.89 1.31 -0.24	36.62 1.15 -0.11	34.68 1.00 -0.26	36.94 0.84 -1.23	29.85 0.81 -0.42	26.10 0.80 0.00	32.75 1.34 -0.17	37.72 1.48 -0.17	41.87 1.61 -1.65	42.31 1.66 -1.70	43.80 1.88 -1.84	42.64 1.93 -0.34	50.16 1.90 -2.48	68.80 2.67 -4.33	49.54 2.12 -2.41	54.91 2.27 -2.94	47.06 2.08 -2.15	40.17 2.01 -1.45	46.26 2.13 -2.05	43.47 1.91 -1.82	32.15 1.40 -0.66	31.59 1.32 -0.64	30.08 1.10 -0.46
MILLIKEN___2 23585	43.35 1.89 -0.71	37.89 1.31 -0.24	36.62 1.15 -0.11	34.68 1.00 -0.26	36.94 0.84 -1.23	29.85 0.81 -0.42	26.10 0.80 0.00	32.75 1.34 -0.17	37.72 1.48 -0.17	41.87 1.61 -1.65	42.31 1.66 -1.70	43.80 1.88 -1.84	42.64 1.93 -0.34	50.16 1.90 -2.48	68.80 2.67 -4.33	49.54 2.12 -2.41	54.91 2.27 -2.94	47.06 2.08 -2.15	40.17 2.01 -1.45	46.26 2.13 -2.05	43.47 1.91 -1.82	32.15 1.40 -0.66	31.59 1.32 -0.64	30.08 1.10 -0.46
MILLIKEN___DIESEL 23629	43.35 1.89 -0.71	37.89 1.31 -0.24	36.62 1.15 -0.11	34.68 1.00 -0.26	36.94 0.84 -1.23	29.85 0.81 -0.42	26.10 0.80 0.00	32.75 1.34 -0.17	37.72 1.48 -0.17	41.87 1.61 -1.65	42.31 1.66 -1.70	43.80 1.88 -1.84	42.64 1.93 -0.34	50.16 1.90 -2.48	68.80 2.67 -4.33	49.54 2.12 -2.41	54.91 2.27 -2.94	47.06 2.08 -2.15	40.17 2.01 -1.45	46.26 2.13 -2.05	43.47 1.91 -1.82	32.15 1.40 -0.66	31.59 1.32 -0.64	30.08 1.10 -0.46
MILLSEAT___LFGE 323607	43.80 3.05 0.00	38.01 1.67 0.00	36.52 1.15 0.00	34.22 0.80 0.00	35.02 0.16 0.00	28.97 0.36 0.00	25.79 0.49 0.00	32.73 1.49 0.00	37.67 1.60 0.00	40.78 2.18 0.00	41.43 2.48 0.00	42.52 2.42 0.00	42.83 2.47 0.00	47.76 1.98 0.00	64.14 2.35 0.00	46.51 1.49 0.00	51.41 1.70 0.00	44.57 1.74 0.00	37.90 1.20 0.00	43.33 1.26 0.00	40.73 0.98 0.00	30.83 0.73 0.00	30.60 0.97 0.00	29.51 0.99 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.88 2.13 0.00	38.13 1.79 0.00	37.07 1.70 0.00	34.87 1.45 0.00	36.22 1.36 0.00	29.83 1.22 0.00	29.44 1.29 -2.85	50.22 1.89 -17.09	38.62 2.55 0.00	41.38 2.77 0.00	41.91 2.96 0.00	43.35 3.25 0.00	43.81 3.44 0.00	49.45 3.67 0.00	66.73 4.94 0.00	48.79 3.77 0.00	54.07 4.36 0.00	63.80 3.71 -17.26	51.38 2.97 -11.71	45.24 3.16 0.00	42.62 2.88 0.00	32.20 2.10 0.00	31.55 1.92 0.00	30.38 1.86 0.00
MILLWOOD_13_KV_LOAD 356217	43.04 2.29 0.00	38.27 1.93 0.00	37.19 1.82 0.00	34.98 1.56 0.00	36.33 1.47 0.00	29.92 1.31 0.00	29.52 1.37 -2.85	50.35 2.01 -17.09	38.77 2.70 0.00	41.56 2.96 0.00	42.11 3.16 0.00	43.58 3.49 0.00	44.06 3.69 0.00	49.73 3.95 0.00	67.12 5.33 0.00	49.08 4.06 0.00	54.39 4.68 0.00	64.08 3.99 -17.26	51.60 3.18 -11.71	45.48 3.40 0.00	42.83 3.08 0.00	32.35 2.25 0.00	31.68 2.05 0.00	30.49 1.97 0.00
MODEL_CITY_ENERGY 24167	42.54 1.79 0.00	36.90 0.55 0.00	35.47 0.11 0.00	33.25 -0.17 0.00	33.96 -0.90 0.00	28.09 -0.53 0.00	24.96 -0.34 0.00	31.68 0.44 0.00	36.42 0.35 0.00	39.46 0.85 0.00	40.15 1.20 0.00	41.19 1.10 0.00	41.32 0.96 0.00	45.91 0.14 0.00	61.51 -0.28 0.00	44.60 -0.42 0.00	49.26 -0.45 0.00	42.53 -0.30 0.00	36.22 -0.48 0.00	41.44 -0.64 0.00	38.96 -0.79 0.00	29.56 -0.54 0.00	29.47 -0.16 0.00	28.51 -0.01 0.00
MODERN_LFGE___ 323580	42.54 1.79 0.00	36.90 0.55 0.00	35.47 0.11 0.00	33.25 -0.17 0.00	33.96 -0.90 0.00	28.09 -0.53 0.00	24.96 -0.34 0.00	31.68 0.44 0.00	36.42 0.35 0.00	39.46 0.85 0.00	40.15 1.20 0.00	41.19 1.10 0.00	41.32 0.96 0.00	45.91 0.14 0.00	61.51 -0.28 0.00	44.60 -0.42 0.00	49.26 -0.45 0.00	42.53 -0.30 0.00	36.22 -0.48 0.00	41.44 -0.64 0.00	38.96 -0.79 0.00	29.56 -0.54 0.00	29.47 -0.16 0.00	28.51 -0.01 0.00
MOHAWK_PAPER___DRP 24187	42.46 1.71 0.00	37.94 1.60 0.00	36.99 1.63 0.00	34.86 1.44 0.00	36.26 1.40 0.00	29.70 1.09 0.00	26.72 0.99 -0.43	35.23 1.43 -2.56	37.70 1.63 0.00	40.25 1.65 0.00	40.36 1.40 0.00	41.46 1.37 0.00	41.75 1.38 0.00	47.50 1.72 0.00	64.31 2.51 0.00	46.81 1.79 0.00	51.36 1.65 0.00	48.07 1.54 -3.70	40.80 1.37 -2.72	43.68 1.61 0.00	41.23 1.48 0.00	31.30 1.20 0.00	30.76 1.13 0.00	29.60 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	43.73 2.98 0.00	39.01 2.67 0.00	37.87 2.50 0.00	35.69 2.27 0.00	37.11 2.25 0.00	30.56 1.94 0.00	27.63 1.93 -0.40	36.25 2.63 -2.38	39.08 3.00 0.00	41.63 3.02 0.00	41.54 2.59 0.00	42.47 2.37 0.00	42.68 2.31 0.00	48.53 2.75 0.00	66.15 4.36 0.00	48.08 3.06 0.00	52.86 3.15 0.00	49.38 3.14 -3.41	42.07 2.86 -2.51	45.28 3.20 0.00	42.75 3.00 0.00	32.43 2.33 0.00	31.82 2.19 0.00	30.62 2.10 0.00
MONGAUP___HYD 23641	43.41 2.66 0.00	38.53 2.19 0.00	37.40 2.03 0.00	35.20 1.78 0.00	36.54 1.68 0.00	30.09 1.48 0.00	24.51 1.47 2.26	19.69 1.99 13.54	38.44 2.37 0.00	41.10 2.50 0.00	41.44 2.48 0.00	42.78 2.68 0.00	43.40 3.03 0.00	49.05 3.27 0.00	66.43 4.64 0.00	48.11 3.09 0.00	53.48 3.77 0.00	-9.53 2.96 55.32	-1.65 2.27 40.62	45.49 3.41 0.00	42.91 3.17 0.00	32.55 2.45 0.00	31.96 2.33 0.00	30.60 2.08 0.00
MONTAUK___DIESEL 23721	47.48 2.85 -3.88	38.80 2.46 0.00	37.62 2.25 0.00	35.09 1.68 0.00	36.51 1.65 0.00	30.02 1.40 0.00	29.58 1.71 -2.58	49.72 3.03 -15.45	40.73 4.66 0.00	45.27 5.42 -1.24	66.49 6.01 -21.53	205.30 6.79 -158.41	207.92 7.06 -160.49	267.85 7.29 -214.79	247.83 9.54 -176.49	258.53 7.02 -206.49	267.87 8.18 -209.98	257.73 7.40 -207.50	265.33 6.07 -222.56	251.31 6.49 -202.75	299.72 6.09 -253.89	74.27 4.32 -39.85	34.32 4.02 -0.67	35.50 4.07 -2.91
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.76 4.01 0.00	38.81 2.47 0.00	37.28 1.92 0.00	35.00 1.58 0.00	35.93 1.08 0.00	29.71 1.09 0.00	26.39 1.09 0.00	33.43 2.19 0.00	38.77 2.70 0.00	42.36 3.76 0.00	43.11 4.16 0.00	44.51 4.42 0.00	44.74 4.37 0.00	49.00 3.22 0.00	66.08 4.29 0.00	47.88 2.86 0.00	52.94 3.23 0.00	45.60 2.77 0.00	39.17 2.47 0.00	44.86 2.78 0.00	42.47 2.72 -0.01	31.85 1.75 0.00	31.49 1.86 0.00	30.29 1.77 0.00

MORTIMER_115KV_TB3 55949	42.67 1.92 0.00	37.34 0.99 0.00	36.00 0.63 0.00	33.81 0.39 0.00	34.80 -0.06 0.00	28.73 0.11 0.00	25.54 0.24 0.00	32.16 0.92 0.00	37.13 1.07 0.00	40.06 1.46 0.00	40.65 1.70 0.00	41.78 1.69 0.00	42.22 1.85 0.00	47.27 1.49 0.00	63.57 1.78 0.00	46.14 1.13 0.00	50.98 1.27 0.00	44.08 1.25 0.00	37.62 0.92 0.00	43.05 0.97 0.00	40.37 0.62 0.00	30.52 0.42 0.00	30.19 0.56 0.00	29.05 0.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.17 2.42 0.00	38.39 2.05 0.00	37.30 1.93 0.00	35.07 1.65 0.00	36.42 1.56 0.00	30.01 1.39 0.00	29.34 1.48 -2.55	48.76 2.21 -15.31	39.03 2.96 0.00	41.82 3.21 0.00	42.39 3.44 0.00	43.86 3.77 0.00	44.32 3.95 0.00	49.92 4.13 0.00	67.29 5.50 0.00	49.23 4.22 0.00	54.57 4.86 0.00	61.99 4.09 -15.06	50.87 3.24 -10.93	45.58 3.50 0.00	42.96 3.21 0.00	32.46 2.36 0.00	31.80 2.17 0.00	30.65 2.13 0.00
MUNSVILLE_WIND_PWR 323609	45.84 4.64 -0.45	40.20 3.71 -0.15	38.88 3.45 -0.07	36.72 3.13 -0.17	38.74 3.10 -0.78	31.62 2.74 -0.27	27.90 2.60 0.00	34.92 3.57 -0.11	40.14 3.95 -0.11	43.77 4.12 -1.05	44.23 4.20 -1.07	46.16 4.90 -1.16	45.78 5.19 -0.22	52.60 5.26 -1.57	70.64 6.10 -2.75	51.38 4.84 -1.52	57.44 5.88 -1.86	49.71 5.52 -1.36	42.64 5.01 -0.92	49.06 5.68 -1.30	46.17 5.28 -1.15	34.40 3.88 -0.42	33.61 3.58 -0.40	31.91 3.10 -0.29
N SALMON___HYD 24042	40.63 -0.12 0.00	36.25 -0.10 0.00	35.19 -0.18 0.00	33.35 -0.06 0.00	35.10 0.23 0.00	28.82 0.20 0.00	25.46 0.16 0.00	31.07 -0.17 0.00	35.55 -0.53 0.00	37.83 -0.78 0.00	38.13 -0.82 0.00	39.13 -0.96 0.00	39.32 -1.05 0.00	44.85 -0.93 0.00	60.15 -1.65 0.00	44.23 -0.78 0.00	48.80 -0.91 0.00	41.69 -1.14 0.00	35.76 -0.94 0.00	41.35 -0.73 0.00	39.23 -0.51 0.00	29.74 -0.36 0.00	29.38 -0.25 0.00	28.31 -0.21 0.00
N.AKRON___115KV_KNAPP 355671	43.66 2.91 0.00	37.86 1.52 0.00	36.37 1.01 0.00	34.09 0.67 0.00	34.86 0.00 0.00	28.85 0.23 0.00	25.67 0.37 0.00	32.59 1.35 0.00	37.54 1.47 0.00	40.63 2.03 0.00	41.28 2.33 0.00	42.36 2.27 0.00	42.67 2.30 0.00	47.51 1.73 0.00	63.73 1.94 0.00	46.21 1.19 0.00	51.08 1.37 0.00	44.20 1.37 0.00	37.60 0.90 0.00	43.03 0.96 0.00	40.45 0.70 0.00	30.62 0.52 0.00	30.43 0.80 0.00	29.37 0.85 0.00
N.BELMOR_69_KV_BK1 55787	47.58 2.95 -3.88	38.76 2.41 0.00	37.68 2.32 0.00	35.40 1.98 0.00	36.73 1.87 0.00	30.26 1.64 0.00	29.58 1.70 -2.58	49.11 2.42 -15.45	39.16 3.10 0.00	42.77 3.42 -0.75	62.07 3.91 -19.22	83.98 4.30 -39.59	102.65 4.52 -57.77	177.44 4.88 -126.78	249.68 6.57 -181.31	251.33 4.97 -201.34	270.80 5.76 -215.34	231.64 4.92 -183.88	219.91 3.95 -179.26	46.55 4.14 -0.33	43.41 3.67 0.00	33.08 2.65 -0.33	32.17 2.53 -0.01	30.95 2.43 0.00
N.E_GEN_SANDY PD 24062	48.41 1.67 -5.99	37.88 1.54 0.00	36.87 1.51 0.00	34.73 1.32 0.00	36.11 1.25 0.00	29.48 1.01 0.14	26.79 1.04 -0.44	37.72 1.53 -4.95	37.93 1.86 0.00	40.42 1.82 0.00	40.61 1.66 0.00	41.79 1.72 0.02	41.25 1.73 0.85	47.91 2.00 -0.12	63.43 2.75 1.12	47.17 2.11 -0.05	51.09 2.32 0.94	51.26 2.02 -6.41	43.53 1.65 -5.17	44.95 1.85 -1.02	40.48 1.70 0.96	31.47 1.37 0.00	30.89 1.26 0.00	29.77 1.25 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.70 1.95 0.00	37.97 1.63 0.00	36.92 1.56 0.00	34.74 1.32 0.00	36.08 1.22 0.00	29.73 1.12 0.00	22.68 1.18 3.80	10.19 1.71 22.77	38.43 2.36 0.00	41.23 2.63 0.00	41.79 2.84 0.00	43.26 3.17 0.00	43.76 3.39 0.00	49.39 3.61 0.00	66.64 4.85 0.00	48.73 3.72 0.00	54.04 4.33 0.00	69.93 3.72 -23.38	57.21 3.00 -17.51	45.24 3.17 0.00	42.59 2.85 0.00	32.17 2.07 0.00	31.47 1.84 0.00	30.29 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	43.22 2.47 0.00	38.41 2.07 0.00	37.25 1.88 0.00	35.06 1.64 0.00	36.38 1.52 0.00	30.02 1.41 0.00	29.38 1.53 -2.55	48.81 2.26 -15.31	39.12 3.05 0.00	41.81 3.20 0.00	42.44 3.49 0.00	43.96 3.87 0.00	44.56 4.02 -0.16	49.94 4.16 0.00	67.43 5.65 0.00	49.41 4.39 0.00	54.73 5.02 0.00	62.01 4.12 -15.06	52.48 3.28 -12.50	45.62 3.55 0.00	43.00 3.26 0.00	32.48 2.38 0.00	31.85 2.22 0.00	30.80 2.28 0.00
N.TROY___115KV_TB1 355778	42.56 1.81 0.00	38.02 1.68 0.00	37.03 1.66 0.00	34.91 1.49 0.00	36.31 1.45 0.00	29.74 1.12 0.00	26.82 1.09 -0.43	35.37 1.53 -2.60	37.81 1.74 0.00	40.32 1.72 0.00	40.41 1.46 0.00	41.49 1.39 0.00	41.76 1.39 0.00	47.50 1.72 0.00	64.30 2.51 0.00	46.82 1.80 0.00	51.50 1.79 0.00	48.23 1.67 -3.73	40.93 1.48 -2.75	43.83 1.75 0.00	41.37 1.62 0.00	31.43 1.33 0.00	30.86 1.23 0.00	29.71 1.19 0.00
NARROWS_GT1_1 24228	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT1_2 24229	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT1_3 24230	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT1_4 24231	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT1_5 24232	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72

NARROWS_GT1_6 24233	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT1_7 24234	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT1_8 24235	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_1 24236	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_2 24237	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_3 24238	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_4 24239	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_5 24240	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_6 24241	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_7 24242	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NARROWS_GT2_8 24243	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.95 3.45 -18.89	53.29 3.61 -10.73	55.49 3.96 -11.43	72.99 4.18 -28.44	72.88 4.39 -22.71	74.75 5.71 -7.25	83.97 4.45 -34.51	78.57 5.09 -23.76	86.45 4.20 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.32 -46.43	89.46 2.45 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.23 2.48 0.00	38.69 2.34 0.00	37.77 2.40 0.00	35.60 2.19 0.00	37.04 2.18 0.00	30.29 1.67 0.00	26.72 1.42 0.00	33.13 1.88 0.00	38.01 1.94 0.00	40.27 1.67 0.00	40.20 1.25 0.00	41.26 1.16 0.00	41.65 1.28 0.00	47.99 2.21 0.00	64.78 2.99 0.00	47.52 2.50 0.00	51.47 1.76 0.00	47.80 1.29 -3.67	40.91 1.49 -2.71	44.15 2.08 0.00	41.83 2.08 0.00	31.83 1.73 0.00	31.35 1.72 0.00	30.13 1.61 0.00
NCHELSEA_115KV_TR2 355582	43.37 2.62 0.00	38.53 2.19 0.00	37.43 2.07 0.00	35.21 1.79 0.00	36.57 1.71 0.00	30.10 1.48 0.00	26.82 1.52 0.00	33.44 2.20 0.00	38.95 2.88 0.00	41.77 3.16 0.00	42.31 3.36 0.00	43.79 3.69 0.00	44.28 3.91 0.00	50.05 4.27 0.00	67.67 5.87 0.00	49.38 4.36 0.00	54.65 4.94 0.00	55.26 4.13 -8.29	46.13 3.31 -6.12	45.63 3.55 0.00	42.98 3.24 0.00	32.49 2.38 0.00	31.81 2.18 0.00	30.58 2.06 0.00
NEG CAPITAL____MECHNVIL 23645	43.38 2.63 0.00	38.67 2.33 0.00	37.59 2.23 0.00	35.42 2.00 0.00	36.84 1.98 0.00	30.24 1.63 0.00	27.28 1.57 -0.41	35.85 2.15 -2.46	38.56 2.49 0.00	41.18 2.58 0.00	41.29 2.34 0.00	42.37 2.28 0.00	42.64 2.27 0.00	48.52 2.74 0.00	65.97 4.18 0.00	47.91 2.89 0.00	52.57 2.86 0.00	49.13 2.77 -3.52	41.74 2.44 -2.60	44.86 2.78 0.00	42.33 2.58 0.00	32.09 1.99 0.00	31.50 1.87 0.00	30.28 1.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.76 1.01 0.00	36.62 0.28 0.00	35.34 -0.02 0.00	33.22 -0.19 0.00	34.27 -0.59 0.00	28.27 -0.34 0.00	25.14 -0.16 0.00	31.59 0.35 0.00	36.50 0.42 0.00	39.38 0.78 0.00	39.98 1.03 0.00	41.09 1.00 0.00	41.51 1.14 0.00	46.61 0.83 0.00	62.76 0.97 0.00	45.57 0.56 0.00	50.33 0.62 0.00	43.56 0.72 0.00	37.20 0.49 0.00	42.51 0.43 0.00	39.87 0.12 0.00	30.11 0.01 0.00	29.73 0.09 0.00	28.54 0.02 0.00

NEG CENTRAL___DRP 24199	43.10 1.62 -0.72	37.57 0.98 -0.24	36.20 0.73 -0.11	34.27 0.58 -0.27	36.44 0.32 -1.26	29.45 0.40 -0.43	25.80 0.50 0.00	32.48 1.07 -0.17	37.45 1.20 -0.18	41.75 1.46 -1.68	42.29 1.61 -1.73	43.66 1.70 -1.87	42.45 1.73 -0.35	50.04 1.73 -2.52	68.65 2.42 -4.44	49.15 1.66 -2.46	54.43 1.73 -2.99	46.70 1.68 -2.19	39.73 1.55 -1.48	45.74 1.58 -2.09	42.91 1.31 -1.85	31.68 0.91 -0.67	31.16 0.88 -0.65	29.71 0.72 -0.47
NEG CENTRAL___INDECK 23768	44.31 3.56 0.00	39.02 2.68 0.00	37.57 2.21 0.00	35.28 1.86 0.00	36.33 1.47 0.00	30.05 1.44 0.00	26.70 1.40 0.00	33.41 2.17 0.00	37.74 1.67 0.00	40.14 1.54 0.00	39.98 1.03 0.00	41.00 0.91 0.00	41.51 1.15 0.00	46.20 0.43 0.00	62.16 0.37 0.00	44.99 -0.03 0.00	49.40 -0.32 0.00	43.18 0.35 0.00	36.99 0.29 0.00	42.42 0.35 0.00	40.22 0.47 0.00	30.45 0.34 0.00	30.76 1.13 0.00	30.33 1.80 0.00
NEG CENTRAL___SENECA 23627	43.24 2.11 -0.38	37.80 1.33 -0.13	36.44 1.02 -0.06	34.39 0.83 -0.14	36.08 0.55 -0.67	29.45 0.61 -0.23	26.01 0.71 0.00	32.76 1.43 -0.09	37.76 1.59 -0.09	41.43 1.94 -0.88	41.96 2.09 -0.91	43.25 2.17 -0.99	42.76 2.20 -0.19	49.38 2.27 -1.34	67.24 3.09 -2.37	48.42 2.09 -1.32	53.50 2.21 -1.58	46.11 2.12 -1.16	39.40 1.92 -0.78	45.18 1.99 -1.11	42.39 1.67 -0.98	31.62 1.17 -0.35	31.13 1.15 -0.34	29.76 0.99 -0.25
NEG CENTRAL___STATE_STREET 24147	43.09 1.38 -0.96	37.51 0.84 -0.33	36.19 0.67 -0.15	34.34 0.56 -0.36	36.82 0.28 -1.68	29.60 0.41 -0.57	25.76 0.46 0.00	32.39 0.92 -0.23	37.34 1.03 -0.24	41.95 1.10 -2.24	42.56 1.31 -2.30	44.03 1.44 -2.49	42.29 1.45 -0.47	50.47 1.33 -3.36	69.80 2.11 -5.90	49.84 1.54 -3.28	55.27 1.57 -3.98	47.28 1.54 -2.91	40.20 1.53 -1.97	46.26 1.40 -2.79	43.39 1.18 -2.46	31.88 0.89 -0.89	31.35 0.85 -0.86	29.74 0.59 -0.63
NEG MILLWOOD___DRP 24198	43.52 2.77 0.00	38.66 2.32 0.00	37.54 2.17 0.00	35.31 1.89 0.00	36.65 1.79 0.00	30.18 1.57 0.00	27.74 1.61 -0.84	38.61 2.35 -5.02	39.18 3.11 0.00	42.00 3.40 0.00	42.60 3.64 0.00	44.10 4.01 0.00	44.62 4.25 0.00	50.42 4.64 0.00	68.14 6.34 0.00	49.79 4.77 0.00	55.06 5.35 0.00	57.47 4.45 -10.19	47.69 3.54 -7.45	45.87 3.80 0.00	43.20 3.45 0.00	32.64 2.54 0.00	31.95 2.32 0.00	30.72 2.20 0.00
NEG NORTH_FLCN_SEA 23793	40.89 0.14 0.00	36.51 0.17 0.00	35.45 0.08 0.00	33.57 0.15 0.00	35.31 0.45 0.00	29.03 0.41 0.00	25.69 0.39 0.00	31.41 0.17 0.00	36.07 0.00 0.00	38.34 -0.26 0.00	38.56 -0.39 0.00	39.63 -0.46 0.00	39.89 -0.48 0.00	45.67 -0.11 0.00	60.92 -0.87 0.00	44.81 -0.21 0.00	49.23 -0.48 0.00	41.71 -1.13 0.00	35.72 -0.98 0.00	41.28 -0.79 0.00	39.28 -0.47 0.00	29.76 -0.34 0.00	29.54 -0.09 0.00	28.52 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	40.28 -0.47 0.00	35.97 -0.37 0.00	34.93 -0.43 0.00	33.12 -0.30 0.00	34.87 0.01 0.00	28.60 -0.01 0.00	25.24 -0.06 0.00	30.88 -0.36 0.00	35.40 -0.67 0.00	37.67 -0.94 0.00	37.93 -1.02 0.00	38.97 -1.12 0.00	39.15 -1.22 0.00	44.70 -1.08 0.00	59.98 -1.81 0.00	44.03 -0.99 0.00	48.56 -1.15 0.00	41.48 -1.35 0.00	35.52 -1.18 0.00	41.05 -1.02 0.00	38.97 -0.77 0.00	29.52 -0.58 0.00	29.16 -0.47 0.00	28.11 -0.41 0.00
NEG NORTH___ALICE_FALLS 23915	41.00 0.25 0.00	36.59 0.25 0.00	35.50 0.14 0.00	33.62 0.20 0.00	35.36 0.50 0.00	29.06 0.45 0.00	25.72 0.41 0.00	31.47 0.22 0.00	36.12 0.05 0.00	38.39 -0.22 0.00	38.60 -0.35 0.00	39.67 -0.43 0.00	39.92 -0.45 0.00	45.74 -0.04 0.00	61.03 -0.76 0.00	44.86 -0.15 0.00	49.42 -0.29 0.00	42.04 -0.80 0.00	36.00 -0.70 0.00	41.58 -0.49 0.00	39.51 -0.23 0.00	29.93 -0.17 0.00	29.63 0.00 0.00	28.56 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	41.00 0.25 0.00	36.59 0.25 0.00	35.50 0.14 0.00	33.62 0.20 0.00	35.36 0.50 0.00	29.06 0.45 0.00	25.72 0.41 0.00	31.47 0.22 0.00	36.12 0.05 0.00	38.39 -0.22 0.00	38.60 -0.35 0.00	39.67 -0.43 0.00	39.92 -0.45 0.00	45.74 -0.04 0.00	61.03 -0.76 0.00	44.86 -0.15 0.00	49.42 -0.29 0.00	42.04 -0.80 0.00	36.00 -0.70 0.00	41.58 -0.49 0.00	39.51 -0.23 0.00	29.93 -0.17 0.00	29.63 0.00 0.00	28.56 0.04 0.00
NEG NORTH___PLATTSBURG 23628	41.00 0.25 0.00	36.59 0.25 0.00	35.50 0.14 0.00	33.62 0.20 0.00	35.36 0.50 0.00	29.06 0.45 0.00	25.72 0.41 0.00	31.47 0.23 0.00	36.12 0.05 0.00	38.39 -0.22 0.00	38.59 -0.36 0.00	39.67 -0.42 0.00	39.92 -0.45 0.00	45.74 -0.04 0.00	61.03 -0.77 0.00	44.86 -0.15 0.00	49.42 -0.29 0.00	42.03 -0.80 0.00	36.00 -0.70 0.00	41.59 -0.49 0.00	39.51 -0.23 0.00	29.93 -0.17 0.00	29.63 0.00 0.00	28.56 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	42.76 2.01 0.00	37.08 0.74 0.00	35.63 0.26 0.00	33.40 -0.02 0.00	34.12 -0.74 0.00	28.23 -0.39 0.00	25.09 -0.21 0.00	31.86 0.62 0.00	36.69 0.61 0.00	39.74 1.13 0.00	40.41 1.46 0.00	41.46 1.37 0.00	41.72 1.35 0.00	46.32 0.54 0.00	62.07 0.28 0.00	44.98 -0.04 0.00	49.68 -0.03 0.00	42.88 0.05 0.00	36.47 -0.23 0.00	41.74 -0.33 0.00	39.23 -0.53 0.00	29.71 -0.39 0.00	29.62 -0.01 0.00	28.69 0.16 0.00
NEG WEST___LANCASTR 23811	43.56 2.81 0.00	37.85 1.50 0.00	36.41 1.04 0.00	34.17 0.76 0.00	35.05 0.19 0.00	29.01 0.40 0.00	25.78 0.48 0.00	32.69 1.46 0.00	37.74 1.67 0.00	40.92 2.32 0.00	41.56 2.61 0.00	42.79 2.69 0.00	43.12 2.75 0.00	47.91 2.13 -0.01	64.44 2.65 0.00	46.65 1.63 0.00	51.61 1.89 0.00	44.52 1.69 0.00	38.05 1.35 0.00	43.43 1.35 0.00	40.72 0.96 -0.01	30.72 0.62 0.00	30.53 0.90 0.00	29.45 0.93 0.00
NEG_PENN_ALLEGHNY 23528	42.69 1.51 -0.43	37.45 0.96 -0.14	36.25 0.82 -0.07	34.28 0.70 -0.16	36.18 0.57 -0.75	29.43 0.56 -0.25	25.86 0.56 0.00	32.45 1.11 -0.10	37.53 1.35 -0.11	41.30 1.69 -1.01	41.70 1.72 -1.03	43.15 1.95 -1.11	42.54 1.97 -0.21	49.25 1.97 -1.50	67.10 2.66 -2.64	48.32 1.84 -1.47	53.60 2.11 -1.78	46.02 1.89 -1.30	39.27 1.69 -0.88	45.00 1.68 -1.25	42.25 1.41 -1.10	31.43 0.93 -0.39	30.95 0.93 -0.39	29.62 0.81 -0.28
NEG___GEN_MONROE 24207	43.53 2.78 0.00	37.96 1.62 0.00	36.52 1.16 0.00	34.27 0.85 0.00	35.13 0.27 0.00	29.04 0.43 0.00	25.83 0.53 0.00	32.57 1.33 0.00	37.56 1.48 0.00	40.48 1.87 0.00	41.06 2.11 0.00	42.19 2.10 0.00	42.61 2.24 0.00	47.73 1.95 0.00	64.16 2.37 0.00	46.58 1.56 0.00	51.47 1.75 0.00	44.60 1.76 0.00	38.01 1.31 0.00	43.48 1.40 0.00	40.84 1.10 0.00	30.90 0.80 0.00	30.53 0.90 0.00	29.36 0.84 0.00
NEPA___ENERGY 23901	43.27 2.52 0.00	37.56 1.22 0.00	36.14 0.78 0.00	33.97 0.55 0.00	34.97 0.11 0.00	28.99 0.37 0.00	25.71 0.41 0.00	32.64 1.40 0.00	37.79 1.72 0.00	41.08 2.48 0.00	41.61 2.66 0.00	43.03 2.94 0.00	43.25 2.88 0.00	48.02 2.24 0.00	64.74 2.95 0.00	46.89 1.87 0.00	52.01 2.30 0.00	44.83 1.99 0.00	38.49 1.79 0.00	43.83 1.76 0.00	41.11 1.36 -0.01	30.86 0.76 0.00	30.63 1.00 0.00	29.44 0.92 0.00

NEVERSINK___HYD 23608	42.26 1.51 0.00	37.49 1.15 0.00	36.42 1.06 0.00	34.29 0.87 0.00	35.63 0.77 0.00	29.32 0.71 0.00	25.56 0.80 0.55	29.22 1.25 3.27	37.85 1.78 0.00	40.38 1.77 0.00	39.85 0.90 0.00	41.24 1.15 0.00	41.73 1.36 0.00	47.22 1.44 0.00	63.82 2.03 0.00	46.75 1.73 0.00	51.82 2.11 0.00	44.51 1.73 0.06	37.96 1.25 0.00	43.29 1.22 0.00	40.83 1.09 0.00	30.95 0.85 0.00	31.07 1.44 0.00	29.84 1.32 0.00
NEWKRMKL_115KV_TB1 55635	41.93 1.18 0.00	37.53 1.19 0.00	36.68 1.31 0.00	34.59 1.17 0.00	35.97 1.11 0.00	29.46 0.84 0.00	26.44 0.72 -0.42	34.83 1.07 -2.51	37.25 1.18 0.00	39.76 1.15 0.00	39.88 0.93 0.00	40.99 0.89 0.00	41.28 0.91 0.00	46.95 1.18 0.00	63.55 1.77 0.00	46.19 1.17 0.00	50.76 1.05 0.00	47.42 0.96 -3.63	40.22 0.85 -2.68	43.08 1.00 0.00	40.69 0.95 0.00	30.90 0.80 0.00	30.40 0.77 0.00	29.26 0.74 0.00
NEWTON___FALLS_HYD 23847	41.85 0.72 -0.38	36.98 0.50 -0.13	35.80 0.38 -0.06	33.93 0.37 -0.14	36.07 0.54 -0.67	29.35 0.51 -0.23	25.79 0.48 0.00	31.70 0.37 -0.09	36.21 0.04 -0.09	39.45 -0.05 -0.89	39.94 0.07 -0.91	40.82 -0.26 -0.99	40.05 -0.51 -0.19	46.66 -0.45 -1.34	61.30 -1.02 -0.52	44.86 -0.58 -0.43	50.75 -0.55 -1.58	43.48 -0.51 -1.16	37.42 -0.07 -0.78	43.31 0.12 -1.11	41.02 0.30 -0.98	30.76 0.31 -0.35	30.30 0.33 -0.34	29.09 0.32 -0.25
NGRID_A1_DSASP 323792	42.42 1.67 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.02 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.15 0.08 0.00	39.15 0.54 0.00	39.85 0.90 0.00	40.86 0.77 0.00	41.18 0.81 0.00	45.66 -0.13 0.00	60.91 -0.88 0.00	44.06 -0.96 0.00	48.62 -1.10 0.00	41.94 -0.89 0.00	35.82 -0.88 0.00	41.16 -0.91 0.00	38.48 -1.27 0.00	29.23 -0.87 0.00	29.19 -0.44 0.00	28.23 -0.29 0.00
NGRID_A2_DSASP 323793	42.42 1.67 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.02 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.15 0.08 0.00	39.15 0.54 0.00	39.85 0.90 0.00	40.86 0.77 0.00	41.18 0.81 0.00	45.66 -0.13 0.00	60.91 -0.88 0.00	44.06 -0.96 0.00	48.62 -1.10 0.00	41.94 -0.89 0.00	35.82 -0.88 0.00	41.16 -0.91 0.00	38.48 -1.27 0.00	29.23 -0.87 0.00	29.19 -0.44 0.00	28.23 -0.29 0.00
NGRID_A4_DSASP 323807	42.42 1.67 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.02 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.15 0.08 0.00	39.15 0.54 0.00	39.85 0.90 0.00	40.86 0.77 0.00	41.18 0.81 0.00	45.66 -0.13 0.00	60.91 -0.88 0.00	44.06 -0.96 0.00	48.62 -1.10 0.00	41.94 -0.89 0.00	35.82 -0.88 0.00	41.16 -0.91 0.00	38.48 -1.27 0.00	29.23 -0.87 0.00	29.19 -0.44 0.00	28.23 -0.29 0.00
NIAGARA_115E_LBMP 323715	42.34 1.60 0.00	36.73 0.39 0.00	35.31 -0.06 0.00	33.11 -0.31 0.00	33.81 -1.05 0.00	27.96 -0.66 0.00	24.84 -0.46 0.00	31.52 0.28 0.00	36.23 0.15 0.00	39.24 0.64 0.00	39.93 0.97 0.00	40.94 0.85 0.00	41.05 0.68 0.00	45.58 -0.19 0.00	61.08 -0.72 0.00	44.28 -0.73 0.00	48.91 -0.80 0.00	42.21 -0.63 0.00	35.99 -0.71 0.00	41.16 -0.91 0.00	38.70 -1.05 0.00	29.39 -0.72 0.00	29.32 -0.31 0.00	28.35 -0.17 0.00
NIAGARA_115W_LBMP 323714	42.35 1.60 0.00	36.74 0.40 0.00	35.34 -0.03 0.00	33.13 -0.29 0.00	33.82 -1.05 0.00	27.98 -0.64 0.00	24.86 -0.44 0.00	31.46 0.22 0.00	36.07 -0.01 0.00	39.06 0.45 0.00	39.76 0.81 0.00	40.76 0.66 0.00	41.08 0.71 0.00	45.55 -0.23 0.00	60.75 -1.04 0.00	43.94 -1.08 0.00	48.49 -1.22 0.00	41.84 -1.00 0.00	35.73 -0.97 0.00	41.08 -1.00 0.00	38.40 -1.36 0.00	29.16 -0.94 0.00	29.12 -0.51 0.00	28.17 -0.35 0.00
NIAGARA_230_LBMP 323716	42.34 1.59 0.00	36.77 0.43 0.00	35.36 -0.01 0.00	33.17 -0.25 0.00	33.89 -0.97 0.00	28.03 -0.58 0.00	24.91 -0.39 0.00	31.58 0.34 0.00	36.33 0.26 0.00	39.36 0.75 0.00	40.04 1.09 0.00	41.07 0.98 0.00	41.36 0.99 0.00	45.91 0.13 0.00	61.49 -0.31 0.00	44.52 -0.49 0.00	49.16 -0.55 0.00	42.44 -0.39 0.00	36.22 -0.48 0.00	41.45 -0.63 0.00	38.81 -0.93 0.00	29.40 -0.70 0.00	29.34 -0.30 0.00	28.35 -0.17 0.00
NIAGARA___115KV_198_GIBSON 55903	42.35 1.60 0.00	36.74 0.40 0.00	35.34 -0.03 0.00	33.13 -0.30 0.00	33.81 -1.05 0.00	27.98 -0.63 0.00	24.85 -0.45 0.00	31.46 0.22 0.00	36.09 0.01 0.00	39.05 0.45 0.00	39.73 0.78 0.00	40.73 0.63 0.00	41.08 0.70 0.00	45.52 -0.25 0.00	60.71 -1.09 0.00	43.92 -1.10 0.00	48.47 -1.24 0.00	41.78 -1.05 0.00	35.72 -0.98 0.00	41.08 -0.99 0.00	38.40 -1.35 0.00	29.16 -0.94 0.00	29.12 -0.51 0.00	28.17 -0.35 0.00
NIAGARA____ 23760	42.34 1.59 0.00	36.77 0.43 0.00	35.36 -0.01 0.00	33.17 -0.25 0.00	33.89 -0.97 0.00	28.03 -0.58 0.00	24.91 -0.39 0.00	31.58 0.34 0.00	36.33 0.26 0.00	39.36 0.75 0.00	40.04 1.09 0.00	41.07 0.98 0.00	41.36 0.99 0.00	45.91 0.13 0.00	61.49 -0.31 0.00	44.52 -0.49 0.00	49.16 -0.55 0.00	42.44 -0.39 0.00	36.22 -0.48 0.00	41.45 -0.63 0.00	38.82 -0.93 0.00	29.40 -0.70 0.00	29.34 -0.30 0.00	28.35 -0.17 0.00
NINE_MILE_1 23575	33.59 -0.68 6.48	33.37 -0.79 2.19	33.54 -0.82 0.99	30.17 -0.85 2.40	22.59 -0.99 11.28	23.98 -0.78 3.86	24.67 -0.63 0.00	29.09 -0.61 1.55	33.79 -0.69 1.59	22.86 -0.66 15.08	22.82 -0.62 15.51	22.73 -0.60 16.76	36.63 -0.59 3.15	22.36 -0.78 22.63	21.73 -1.06 39.01	22.54 -0.80 21.67	22.03 -0.87 26.81	22.54 -0.69 19.60	22.86 -0.58 13.26	22.58 -0.73 18.76	22.39 -0.77 16.59	23.50 -0.61 5.99	23.21 -0.61 5.81	23.68 -0.62 4.22
NINE_MILE_2 23744	33.49 -0.68 6.58	33.34 -0.79 2.22	33.53 -0.82 1.01	30.13 -0.85 2.44	22.42 -0.99 11.45	23.92 -0.78 3.92	24.67 -0.63 0.00	29.06 -0.61 1.57	33.76 -0.69 1.62	22.63 -0.67 15.31	22.59 -0.62 15.74	22.48 -0.60 17.01	36.58 -0.59 3.20	22.02 -0.78 22.97	21.14 -1.06 39.59	22.22 -0.80 22.00	21.63 -0.87 27.21	22.24 -0.69 19.90	22.66 -0.58 13.46	22.30 -0.73 19.04	22.14 -0.77 16.84	23.42 -0.61 6.08	23.12 -0.61 5.90	23.62 -0.62 4.29
NM_CAPITAL___DRP 24208	41.97 1.22 0.00	37.57 1.23 0.00	36.68 1.32 0.00	34.59 1.17 0.00	35.98 1.12 0.00	29.46 0.84 0.00	26.48 0.75 -0.43	34.93 1.11 -2.58	37.31 1.24 0.00	39.81 1.20 0.00	39.89 0.93 0.00	40.99 0.90 0.00	41.27 0.90 0.00	46.94 1.16 0.00	63.50 1.71 0.00	46.20 1.19 0.00	50.78 1.07 0.00	47.53 0.97 -3.73	40.31 0.86 -2.75	43.10 1.03 0.00	40.71 0.97 0.00	30.93 0.83 0.00	30.42 0.78 0.00	29.29 0.77 0.00
NM_CENTRAL___DRP 24181	41.81 0.43 -0.63	36.69 0.13 -0.21	35.49 0.02 -0.10	33.59 -0.06 -0.23	35.75 -0.21 -1.10	28.87 -0.13 -0.37	25.26 -0.04 0.00	31.61 0.22 -0.15	36.53 0.30 -0.15	40.53 0.46 -1.46	41.04 0.58 -1.51	42.37 0.65 -1.63	41.36 0.69 -0.31	48.65 0.67 -2.20	66.07 0.95 -3.33	47.61 0.63 -1.96	53.05 0.74 -2.60	45.45 0.71 -1.90	38.61 0.62 -1.29	44.49 0.60 -1.82	41.80 0.44 -1.61	30.94 0.26 -0.58	30.42 0.22 -0.56	29.08 0.15 -0.41

NM_FRONTIER___DRP 24179	42.35 1.60 0.00	36.74 0.40 0.00	35.34 -0.03 0.00	33.13 -0.30 0.00	33.81 -1.05 0.00	27.98 -0.63 0.00	24.85 -0.45 0.00	31.46 0.22 0.00	36.09 0.01 0.00	39.05 0.45 0.00	39.73 0.78 0.00	40.73 0.63 0.00	41.08 0.70 0.00	45.52 -0.25 0.00	60.71 -1.09 0.00	43.92 -1.10 0.00	48.47 -1.24 0.00	41.78 -1.05 0.00	35.72 -0.98 0.00	41.08 -0.99 0.00	38.40 -1.35 0.00	29.16 -0.94 0.00	29.12 -0.51 0.00	28.17 -0.35 0.00
NM_ST_REGIS___HYD 24053	40.10 -0.65 0.00	35.79 -0.56 0.00	34.75 -0.62 0.00	32.93 -0.49 0.00	34.69 -0.17 0.00	28.50 -0.12 0.00	25.17 -0.14 0.00	30.56 -0.68 0.00	34.72 -1.35 0.00	36.99 -1.61 0.00	37.35 -1.61 0.00	38.12 -1.98 0.00	38.19 -2.18 0.00	43.56 -2.22 0.00	58.50 -3.29 0.00	42.86 -2.16 0.00	47.36 -2.35 0.00	40.55 -2.28 0.00	34.90 -1.80 0.00	40.36 -1.72 0.00	38.32 -1.43 0.00	29.15 -0.95 0.00	28.84 -0.79 0.00	27.89 -0.63 0.00
NORTHPORT___1 23551	47.00 2.37 -3.88	38.34 2.00 0.00	37.32 1.96 0.00	35.07 1.65 0.00	36.39 1.52 0.00	29.96 1.34 0.00	29.29 1.41 -2.58	48.59 1.90 -15.45	38.50 2.43 0.00	24.19 2.68 17.10	61.35 3.39 -19.02	63.19 3.56 -19.53	63.58 3.71 -19.50	62.77 3.95 -13.04	64.75 5.22 2.26	67.90 3.93 -18.95	96.39 4.61 -42.07	58.96 3.94 -12.19	38.93 3.14 0.91	33.42 3.30 11.95	29.72 2.88 12.90	29.36 2.01 2.76	16.12 1.92 15.43	30.29 1.90 0.12
NORTHPORT___2 23552	47.00 2.37 -3.88	38.34 2.00 0.00	37.32 1.96 0.00	35.07 1.65 0.00	36.39 1.52 0.00	29.96 1.34 0.00	29.29 1.41 -2.58	48.59 1.90 -15.45	38.50 2.43 0.00	24.19 2.68 17.10	61.35 3.39 -19.02	63.19 3.56 -19.53	63.58 3.71 -19.50	62.77 3.95 -13.04	64.75 5.22 2.26	67.90 3.93 -18.95	96.39 4.61 -42.07	58.96 3.94 -12.19	38.93 3.14 0.91	33.42 3.30 11.95	29.72 2.88 12.90	29.36 2.01 2.76	16.12 1.92 15.43	30.29 1.90 0.12
NORTHPORT___3 23553	47.12 2.48 -3.88	38.43 2.09 0.00	37.38 2.02 0.00	35.12 1.71 0.00	36.44 1.57 0.00	30.02 1.40 0.00	29.30 1.42 -2.58	48.59 1.90 -15.45	38.53 2.46 0.00	24.05 2.53 17.09	61.19 3.23 -19.02	63.72 3.49 -20.14	63.76 3.73 -19.66	63.57 4.00 -13.79	63.73 5.33 3.39	68.60 4.08 -19.50	96.73 4.75 -42.27	59.31 4.01 -12.46	39.59 3.18 0.29	33.46 3.33 11.95	29.69 2.84 12.89	29.58 1.97 2.49	29.79 1.84 1.68	30.21 1.77 0.09
NORTHPORT___4 23650	47.12 2.48 -3.88	38.43 2.09 0.00	37.38 2.02 0.00	35.12 1.71 0.00	36.44 1.57 0.00	30.02 1.40 0.00	29.30 1.42 -2.58	48.59 1.90 -15.45	38.53 2.46 0.00	24.05 2.53 17.09	61.19 3.23 -19.02	63.72 3.49 -20.14	63.76 3.73 -19.66	63.57 4.00 -13.79	63.73 5.33 3.39	68.60 4.08 -19.50	96.73 4.75 -42.27	59.31 4.01 -12.46	39.59 3.18 0.29	33.46 3.33 11.95	29.69 2.84 12.89	29.58 1.97 2.49	29.79 1.84 1.68	30.21 1.77 0.09
NORTHPORT___IC 23718	47.01 2.37 -3.88	38.35 2.01 0.00	37.32 1.96 0.00	35.07 1.65 0.00	36.38 1.52 0.00	29.96 1.34 0.00	29.29 1.41 -2.58	48.59 1.89 -15.45	38.50 2.43 0.00	24.19 2.68 17.10	61.36 3.39 -19.02	63.19 3.57 -19.53	63.58 3.71 -19.50	62.77 3.95 -13.04	64.75 5.22 2.26	67.90 3.93 -18.95	96.39 4.61 -42.07	58.96 3.94 -12.18	38.93 3.13 0.91	33.41 3.30 11.96	29.72 2.88 12.90	29.36 2.01 2.76	16.12 1.92 15.43	30.30 1.90 0.12
NORTH___COUNTRY_ESR 323785	40.15 -0.60 0.00	35.88 -0.46 0.00	34.86 -0.51 0.00	33.05 -0.36 0.00	34.79 -0.07 0.00	28.55 -0.06 0.00	25.19 -0.11 0.00	30.78 -0.46 0.00	35.30 -0.78 0.00	37.58 -1.03 0.00	37.85 -1.10 0.00	38.89 -1.20 0.00	39.10 -1.27 0.00	44.65 -1.13 0.00	59.93 -1.86 0.00	43.95 -1.07 0.00	48.45 -1.26 0.00	41.37 -1.46 0.00	35.44 -1.26 0.00	40.92 -1.15 0.00	38.84 -0.90 0.00	29.41 -0.69 0.00	29.05 -0.58 0.00	28.02 -0.50 0.00
NPX_GEN_1385_PROXY 323591	45.87 1.23 -3.88	37.50 1.16 0.00	36.94 1.58 0.00	34.90 1.48 0.00	36.10 1.24 0.00	28.47 0.99 1.14	27.69 1.15 -1.24	48.13 1.43 -15.45	-0.62 1.32 38.01	23.12 1.61 17.10	60.33 2.37 -19.02	62.27 2.64 -19.53	61.36 2.95 -18.04	62.01 3.19 -13.04	63.32 4.62 3.10	65.19 3.05 -17.11	95.98 4.20 -42.07	58.43 3.41 -12.19	39.18 3.38 0.91	33.76 3.64 11.95	29.41 3.41 13.75	29.56 2.22 2.76	15.71 1.47 15.39	29.23 1.07 0.37
NPX_GEN_CSC 323557	47.31 2.67 -3.88	38.51 2.17 0.00	37.40 2.04 0.00	35.07 1.65 0.00	36.39 1.53 0.00	28.85 1.37 1.14	28.06 1.52 -1.24	48.93 2.24 -15.45	39.15 3.07 0.00	43.33 3.48 -1.24	64.49 4.01 -21.53	202.79 4.56 -158.14	203.88 4.73 -158.78	264.15 5.04 -213.33	243.87 6.46 -175.61	254.02 4.88 -204.12	265.29 5.61 -209.97	237.39 4.93 -189.63	252.06 3.99 -211.36	247.10 4.28 -200.74	297.67 3.95 -253.97	72.97 2.76 -40.11	32.91 2.57 -0.72	33.70 2.49 -2.69
NSINS_S_GLNS_FALLS 23858	43.69 2.94 0.00	38.96 2.62 0.00	37.82 2.45 0.00	35.65 2.23 0.00	37.07 2.21 0.00	30.51 1.89 0.00	27.58 1.89 -0.39	36.20 2.58 -2.37	39.03 2.96 0.00	41.59 2.98 0.00	41.48 2.53 0.00	42.44 2.35 0.00	42.67 2.30 0.00	48.48 2.70 0.00	66.05 4.26 0.00	47.99 2.97 0.00	52.81 3.10 0.00	49.35 3.12 -3.39	42.06 2.85 -2.50	45.26 3.19 0.00	42.74 3.00 0.00	32.40 2.30 0.00	31.79 2.15 0.00	30.59 2.07 0.00
NUCOR_STEEL___DRP 24197	43.06 1.27 -1.03	37.46 0.77 -0.35	36.14 0.61 -0.16	34.32 0.52 -0.38	36.87 0.22 -1.80	29.60 0.37 -0.61	25.71 0.41 0.00	32.34 0.85 -0.25	37.27 0.95 -0.25	41.98 0.98 -2.40	42.57 1.15 -2.47	44.07 1.32 -2.67	42.21 1.35 -0.50	50.54 1.16 -3.60	70.00 1.89 -6.31	49.93 1.40 -3.50	55.34 1.36 -4.26	47.35 1.40 -3.12	40.17 1.36 -2.11	46.29 1.23 -2.98	43.40 1.02 -2.64	31.85 0.80 -0.95	31.33 0.78 -0.93	29.72 0.52 -0.67
NUMBER_THREE_WT_PWR 323818	43.30 2.09 -0.46	38.13 1.63 -0.15	36.90 1.46 -0.07	34.91 1.32 -0.17	37.04 1.39 -0.80	30.11 1.22 -0.27	26.46 1.16 0.00	32.80 1.45 -0.11	37.72 1.54 -0.11	41.25 1.58 -1.06	41.79 1.75 -1.09	42.83 1.56 -1.18	41.91 1.32 -0.22	48.88 1.51 -1.60	64.02 1.61 -0.62	46.82 1.29 -0.51	53.16 1.56 -1.89	45.65 1.44 -1.38	39.29 1.65 -0.93	45.42 2.02 -1.32	42.98 2.06 -1.17	32.11 1.59 -0.42	31.52 1.48 -0.41	30.16 1.34 -0.30
NYISO_LBMP_REFERENCE 24008	40.75 0.00 0.00	36.34 0.00 0.00	35.37 0.00 0.00	33.42 0.00 0.00	34.86 0.00 0.00	28.61 0.00 0.00	25.30 0.00 0.00	31.24 0.00 0.00	36.07 0.00 0.00	38.61 0.00 0.00	38.95 0.00 0.00	40.09 0.00 0.00	40.37 0.00 0.00	45.78 0.00 0.00	61.79 0.00 0.00	45.02 0.00 0.00	49.71 0.00 0.00	42.83 0.00 0.00	36.70 0.00 0.00	42.07 0.00 0.00	39.75 0.00 0.00	30.10 0.00 0.00	29.63 0.00 0.00	28.52 0.00 0.00
NYPA_BRENTWD____GT 24164	47.80 3.17 -3.88	38.96 2.62 0.00	37.87 2.50 0.00	35.56 2.14 0.00	36.90 2.04 0.00	30.39 1.77 0.00	29.71 1.84 -2.58	49.23 2.54 -15.45	39.35 3.28 0.00	43.11 3.65 -0.85	62.98 4.32 -19.70	137.49 4.59 -92.82	120.10 4.49 -75.25	179.85 4.76 -129.31	236.82 6.33 -168.69	241.10 4.77 -191.31	265.46 5.53 -210.21	226.60 4.74 -179.03	205.78 3.82 -165.26	90.85 4.06 -44.71	103.31 3.58 -59.99	42.80 2.54 -10.16	32.44 2.63 -0.18	31.86 2.58 -0.76

NYPA_GOWANUS____GT5 24156	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.94 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.97 4.17 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NYPA_GOWANUS____GT6 24157	43.41 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.42 -15.31	39.32 3.23 -0.02	60.94 3.45 -18.89	53.28 3.60 -10.73	55.48 3.95 -11.43	72.97 4.17 -28.44	72.87 4.38 -22.71	74.74 5.70 -7.25	83.97 4.45 -34.51	78.55 5.07 -23.76	86.44 4.19 -39.42	86.21 3.30 -46.21	89.49 3.57 -43.85	89.47 3.30 -46.43	89.45 2.44 -56.91	83.11 2.26 -51.22	67.53 2.29 -36.72
NYPA_HARLEM__RVR__GT1 24160	43.09 2.34 0.00	38.29 1.95 0.00	37.16 1.79 0.00	34.97 1.55 0.00	36.30 1.44 0.00	29.94 1.33 0.00	29.31 1.45 -2.55	48.72 2.16 -15.31	38.99 2.92 0.00	41.67 3.07 0.00	42.27 3.32 0.00	43.77 3.68 0.00	44.20 3.83 0.00	49.73 3.95 0.00	67.14 5.35 0.00	49.19 4.17 0.00	54.49 4.78 0.00	61.81 3.92 -15.06	50.74 3.11 -10.93	45.46 3.38 0.00	42.86 3.11 0.00	32.37 2.27 0.00	31.74 2.11 0.00	30.71 2.19 0.00
NYPA_HARLEM__RVR__GT2 24161	43.09 2.34 0.00	38.29 1.95 0.00	37.16 1.79 0.00	34.97 1.55 0.00	36.30 1.44 0.00	29.94 1.33 0.00	29.31 1.45 -2.55	48.72 2.16 -15.31	38.99 2.92 0.00	41.67 3.07 0.00	42.27 3.32 0.00	43.77 3.68 0.00	44.20 3.83 0.00	49.73 3.95 0.00	67.14 5.35 0.00	49.19 4.17 0.00	54.49 4.78 0.00	61.81 3.92 -15.06	50.74 3.11 -10.93	45.46 3.38 0.00	42.86 3.11 0.00	32.37 2.27 0.00	31.74 2.11 0.00	30.71 2.19 0.00
NYPA_KENT____GT 24152	43.31 2.56 0.00	38.49 2.15 0.00	37.38 2.01 0.00	35.14 1.73 0.00	36.49 1.63 0.00	30.10 1.48 0.00	29.44 1.59 -2.55	48.90 2.35 -15.31	39.24 3.15 -0.01	52.84 3.36 -10.87	48.66 3.53 -6.17	50.55 3.88 -6.58	60.81 4.08 -16.36	59.26 4.23 -9.25	67.40 5.55 -0.05	69.21 4.33 -19.86	68.36 4.97 -13.68	74.44 4.09 -27.51	43.24 3.22 -3.31	21.10 3.48 24.46	31.28 3.23 11.69	58.70 2.38 -26.22	61.11 2.20 -29.28	52.32 2.24 -21.56
NYPA_POUCH1____GT 24155	43.32 2.56 0.00	38.53 2.19 0.00	37.41 2.04 0.00	35.16 1.74 0.00	36.50 1.63 0.00	30.12 1.51 0.00	29.47 1.62 -2.55	48.92 2.36 -15.31	39.25 3.16 -0.02	60.83 3.34 -18.89	53.17 3.49 -10.73	55.42 3.90 -11.43	72.89 4.09 -28.44	72.82 4.33 -22.71	74.72 5.68 -7.25	83.99 4.46 -34.51	78.60 5.12 -23.76	86.50 4.24 -39.42	86.24 3.33 -46.21	89.53 3.61 -43.85	89.51 3.33 -46.43	89.47 2.46 -56.91	83.09 2.24 -51.22	67.47 2.23 -36.72
NYPA_VERNON____GT2 24162	43.22 2.47 0.00	38.42 2.07 0.00	37.31 1.94 0.00	35.08 1.66 0.00	36.43 1.57 0.00	30.04 1.42 0.00	29.38 1.53 -2.55	48.83 2.28 -15.31	39.14 3.06 0.00	44.74 3.27 -2.86	44.07 3.50 -1.62	45.66 3.84 -1.73	48.69 4.02 -4.30	52.34 4.13 -2.43	67.28 5.48 -0.01	54.50 4.27 -5.22	58.20 4.90 -3.59	65.19 4.03 -18.33	48.80 3.16 -8.93	39.07 3.42 6.42	39.85 3.18 3.07	39.52 2.35 -7.07	40.49 2.16 -8.69	37.12 2.19 -6.40
NYPA_VERNON____GT3 24163	43.22 2.47 0.00	38.42 2.07 0.00	37.31 1.94 0.00	35.08 1.66 0.00	36.43 1.57 0.00	30.04 1.42 0.00	29.38 1.53 -2.55	48.83 2.28 -15.31	39.14 3.06 0.00	44.74 3.27 -2.86	44.07 3.50 -1.62	45.66 3.84 -1.73	48.69 4.02 -4.30	52.34 4.13 -2.43	67.28 5.48 -0.01	54.50 4.27 -5.22	58.20 4.90 -3.59	65.19 4.03 -18.33	48.80 3.16 -8.93	39.07 3.42 6.42	39.85 3.18 3.07	39.52 2.35 -7.07	40.49 2.16 -8.69	37.12 2.19 -6.40
NYPA____ASTORIA_CC1 323568	43.13 2.37 0.00	38.34 2.00 0.00	37.22 1.86 0.00	35.00 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.32 1.47 -2.55	48.75 2.19 -15.31	39.03 2.96 0.00	41.77 3.16 0.00	42.34 3.39 0.00	43.81 3.72 0.00	44.27 3.90 0.00	49.77 3.99 0.00	67.11 5.32 0.00	49.15 4.14 0.00	54.47 4.76 0.00	61.79 3.90 -15.06	50.69 3.07 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
NYPA____ASTORIA_CC2 323569	43.13 2.37 0.00	38.34 2.00 0.00	37.22 1.86 0.00	35.00 1.59 0.00	36.35 1.49 0.00	29.97 1.36 0.00	29.32 1.47 -2.55	48.75 2.19 -15.31	39.03 2.96 0.00	41.77 3.16 0.00	42.34 3.39 0.00	43.81 3.72 0.00	44.27 3.90 0.00	49.77 3.99 0.00	67.11 5.32 0.00	49.15 4.14 0.00	54.47 4.76 0.00	61.79 3.90 -15.06	50.69 3.07 -10.93	45.39 3.32 0.00	42.84 3.09 0.00	32.38 2.28 0.00	31.73 2.10 0.00	30.66 2.14 0.00
NYPA____HOLTSVILL 23794	47.48 2.84 -3.88	38.69 2.35 0.00	37.60 2.24 0.00	35.30 1.88 0.00	36.62 1.76 0.00	30.16 1.55 0.00	29.52 1.65 -2.58	49.01 2.32 -15.45	39.14 3.06 0.00	43.27 3.44 -1.24	64.50 4.07 -21.49	200.61 4.39 -156.12	203.16 4.51 -158.28	262.93 4.80 -212.35	244.31 6.31 -176.21	255.73 4.74 -205.96	265.08 5.42 -209.95	252.03 4.67 -204.53	260.20 3.79 -219.70	247.57 4.09 -201.40	300.66 3.64 -257.28	73.71 2.59 -41.02	32.78 2.45 -0.70	33.95 2.39 -3.04
NYPA____HELLGATE_GT1 24158	43.09 2.34 0.00	38.29 1.95 0.00	37.16 1.79 0.00	34.97 1.55 0.00	36.30 1.44 0.00	29.94 1.33 0.00	29.31 1.45 -2.55	48.72 2.16 -15.31	38.99 2.92 0.00	41.67 3.07 0.00	42.27 3.32 0.00	43.77 3.68 0.00	44.20 3.83 0.00	49.73 3.95 0.00	67.14 5.35 0.00	49.19 4.17 0.00	54.49 4.78 0.00	61.81 3.92 -15.06	50.74 3.11 -10.93	45.46 3.38 0.00	42.86 3.11 0.00	32.37 2.27 0.00	31.74 2.11 0.00	30.71 2.19 0.00
NYPA____HELLGATE_GT2 24159	43.09 2.34 0.00	38.29 1.95 0.00	37.16 1.79 0.00	34.97 1.55 0.00	36.30 1.44 0.00	29.94 1.33 0.00	29.31 1.45 -2.55	48.72 2.16 -15.31	38.99 2.92 0.00	41.67 3.07 0.00	42.27 3.32 0.00	43.77 3.68 0.00	44.20 3.83 0.00	49.73 3.95 0.00	67.14 5.35 0.00	49.19 4.17 0.00	54.49 4.78 0.00	61.81 3.92 -15.06	50.74 3.11 -10.93	45.46 3.38 0.00	42.86 3.11 0.00	32.37 2.27 0.00	31.74 2.11 0.00	30.71 2.19 0.00
NYS_BARGE____HYD 23848	42.94 2.19 0.00	37.22 0.88 0.00	35.77 0.40 0.00	33.52 0.10 0.00	34.24 -0.62 0.00	28.33 -0.29 0.00	25.19 -0.11 0.00	31.98 0.74 0.00	36.80 0.72 0.00	39.88 1.27 0.00	40.58 1.63 0.00	41.63 1.54 0.00	41.85 1.48 0.00	46.50 0.73 0.00	62.32 0.52 0.00	45.17 0.15 0.00	49.89 0.18 0.00	43.11 0.27 0.00	36.66 -0.04 0.00	41.94 -0.13 0.00	39.42 -0.32 0.00	29.88 -0.22 0.00	29.77 0.14 0.00	28.81 0.28 0.00
OAK ORCHARD____HYD 24046	42.67 1.92 0.00	37.34 1.00 0.00	36.00 0.63 0.00	33.81 0.39 0.00	34.80 -0.06 0.00	28.73 0.11 0.00	25.54 0.24 0.00	32.16 0.92 0.00	37.12 1.05 0.00	40.06 1.46 0.00	40.66 1.71 0.00	41.79 1.70 0.00	42.22 1.85 0.00	47.28 1.50 0.00	63.60 1.81 0.00	46.16 1.15 0.00	51.00 1.29 0.00	44.11 1.28 0.00	37.63 0.93 0.00	43.05 0.97 0.00	40.36 0.61 0.00	30.52 0.42 0.00	30.19 0.55 0.00	29.05 0.52 0.00

OAKDALE___35_KV_LOAD 356122	42.44 1.27 -0.42	37.25 0.77 -0.14	36.08 0.65 -0.07	34.13 0.55 -0.15	36.00 0.41 -0.73	29.29 0.43 -0.25	25.73 0.43 0.00	32.26 0.92 -0.10	37.31 1.13 -0.10	41.02 1.43 -0.99	41.41 1.46 -1.00	42.83 1.66 -1.08	42.26 1.68 -0.20	48.88 1.64 -1.46	66.56 2.20 -2.57	47.96 1.52 -1.42	53.18 1.74 -1.73	45.66 1.57 -1.26	38.97 1.42 -0.85	44.68 1.40 -1.21	41.97 1.15 -1.07	31.24 0.76 -0.39	30.77 0.77 -0.38	29.46 0.67 -0.27
OCC_CHEM___DRP 24175	42.42 1.66 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.03 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.17 0.10 0.00	39.14 0.54 0.00	39.84 0.89 0.00	40.84 0.74 0.00	41.17 0.80 0.00	45.63 -0.15 0.00	60.86 -0.93 0.00	44.04 -0.98 0.00	48.60 -1.11 0.00	41.88 -0.95 0.00	35.80 -0.90 0.00	41.16 -0.91 0.00	38.49 -1.26 0.00	29.22 -0.88 0.00	29.18 -0.45 0.00	28.23 -0.29 0.00
OH_GEN_PROXY 24063	42.32 1.57 0.00	36.75 0.41 0.00	35.35 -0.01 0.00	33.17 -0.25 0.00	33.90 -0.96 0.00	26.92 -0.56 1.14	10.29 -0.37 14.64	31.61 0.37 0.00	36.37 0.30 0.00	39.40 0.79 0.00	40.08 1.13 0.00	41.11 1.02 0.00	39.96 1.04 1.46	45.98 0.20 0.00	60.77 -0.18 0.84	42.77 -0.41 1.84	49.27 -0.45 0.00	42.54 -0.30 0.00	36.32 -0.38 0.00	41.53 -0.54 0.00	33.51 -0.87 5.37	29.45 -0.65 0.00	29.41 -0.26 -0.04	28.12 -0.16 0.24
OLIN_CORP_DRP 24177	42.40 1.65 0.00	36.78 0.44 0.00	35.38 0.01 0.00	33.16 -0.26 0.00	33.85 -1.01 0.00	28.01 -0.61 0.00	24.89 -0.42 0.00	31.58 0.33 0.00	36.30 0.23 0.00	39.29 0.69 0.00	39.96 1.01 0.00	40.98 0.89 0.00	41.13 0.76 0.00	45.67 -0.10 0.01	61.18 -0.61 0.00	44.37 -0.65 0.00	48.99 -0.72 0.00	42.24 -0.60 0.00	36.05 -0.66 0.00	41.25 -0.82 0.00	38.77 -0.99 0.00	29.43 -0.68 0.00	29.36 -0.27 0.00	28.39 -0.13 0.00
OLIN_CORP_DSASP 323712	42.42 1.67 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.02 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.15 0.08 0.00	39.15 0.54 0.00	39.85 0.90 0.00	40.86 0.77 0.00	41.18 0.81 0.00	45.66 -0.13 0.00	60.91 -0.88 0.00	44.06 -0.96 0.00	48.62 -1.10 0.00	41.94 -0.89 0.00	35.82 -0.88 0.00	41.16 -0.91 0.00	38.48 -1.27 0.00	29.23 -0.87 0.00	29.19 -0.44 0.00	28.23 -0.29 0.00
ONEIDA_HERK_LFGE 323681	42.81 1.81 -0.25	37.87 1.45 -0.08	36.72 1.32 -0.04	34.71 1.19 -0.09	36.50 1.21 -0.43	29.80 1.04 -0.15	26.25 0.95 0.00	32.55 1.25 -0.06	37.54 1.40 -0.06	40.67 1.48 -0.58	41.17 1.63 -0.60	42.29 1.55 -0.64	41.95 1.46 -0.12	48.30 1.66 -0.87	64.23 2.10 -0.34	46.86 1.57 -0.28	52.64 1.90 -1.03	45.27 1.69 -0.75	38.85 1.64 -0.51	44.71 1.91 -0.72	42.25 1.87 -0.64	31.73 1.40 -0.23	31.15 1.30 -0.22	29.90 1.21 -0.16
ONEIDA___115KV_TB4 55905	43.13 2.04 -0.34	38.07 1.61 -0.12	36.87 1.45 -0.05	34.84 1.30 -0.13	36.72 1.26 -0.60	29.90 1.08 -0.20	26.19 0.89 0.00	32.50 1.18 -0.08	37.52 1.36 -0.08	40.91 1.51 -0.79	41.44 1.67 -0.82	42.64 1.66 -0.88	42.17 1.64 -0.17	48.82 1.85 -1.19	65.87 2.48 -1.60	47.84 1.87 -0.96	53.44 2.32 -1.41	45.84 1.97 -1.03	39.22 1.81 -0.70	45.10 2.04 -0.99	42.57 1.95 -0.87	31.84 1.42 -0.32	31.28 1.34 -0.31	30.13 1.39 -0.22
ONONDAGA_REF_OCCRA 23987	42.13 0.60 -0.78	36.88 0.28 -0.26	35.64 0.15 -0.12	33.78 0.07 -0.29	36.14 -0.07 -1.35	29.06 -0.01 -0.46	25.36 0.06 0.00	31.77 0.34 -0.18	36.71 0.45 -0.19	41.02 0.61 -1.81	41.54 0.73 -1.86	42.91 0.81 -2.01	41.62 0.88 -0.38	49.38 0.90 -2.71	67.47 1.26 -4.42	48.43 0.88 -2.53	53.92 0.99 -3.21	46.14 0.96 -2.35	39.13 0.84 -1.59	45.15 0.83 -2.25	42.38 0.65 -1.99	31.23 0.41 -0.72	30.68 0.36 -0.70	29.29 0.27 -0.50
ONONDAGA___COGEN 23986	42.41 0.51 -1.15	36.94 0.21 -0.39	35.61 0.07 -0.18	33.86 0.01 -0.43	36.73 -0.14 -2.01	29.25 -0.05 -0.69	25.32 0.02 0.00	31.81 0.29 -0.27	36.70 0.34 -0.28	41.68 0.39 -2.68	42.19 0.48 -2.76	43.64 0.57 -2.98	41.54 0.61 -0.56	50.36 0.56 -4.03	69.73 0.84 -7.10	49.54 0.59 -3.93	55.13 0.64 -4.77	46.98 0.66 -3.49	39.68 0.61 -2.36	45.98 0.56 -3.34	43.10 0.40 -2.95	31.40 0.23 -1.07	30.86 0.19 -1.03	29.38 0.11 -0.75
ONTARIO___LFGE 23819	43.24 2.11 -0.38	37.80 1.33 -0.13	36.44 1.02 -0.06	34.39 0.83 -0.14	36.08 0.55 -0.67	29.45 0.61 -0.23	26.01 0.71 0.00	32.76 1.43 -0.09	37.75 1.58 -0.09	41.43 1.94 -0.88	41.96 2.10 -0.91	43.25 2.17 -0.99	42.76 2.20 -0.19	49.38 2.27 -1.34	67.25 3.09 -2.37	48.43 2.10 -1.32	53.50 2.20 -1.58	46.12 2.13 -1.16	39.40 1.91 -0.78	45.17 1.99 -1.11	42.39 1.66 -0.98	31.63 1.17 -0.35	31.12 1.15 -0.34	29.76 0.99 -0.25
ORANGEVILLE_WT_PWR 323706	43.24 2.49 0.00	37.64 1.30 0.00	36.23 0.86 0.00	34.02 0.60 0.00	34.92 0.06 0.00	28.88 0.26 0.00	25.66 0.36 0.00	32.47 1.23 0.00	37.48 1.40 0.00	40.60 1.99 0.00	41.13 2.18 0.00	42.36 2.27 0.00	42.62 2.25 0.00	47.44 1.66 0.00	63.79 2.00 0.00	46.04 1.03 0.00	50.90 1.18 0.00	44.09 1.26 0.00	37.77 1.07 0.00	43.16 1.08 0.00	40.53 0.77 0.00	30.57 0.47 0.00	30.38 0.75 0.00	29.28 0.75 0.00
ORANGEVILLE___ESR 323794	43.24 2.49 0.00	37.64 1.30 0.00	36.23 0.86 0.00	34.02 0.60 0.00	34.92 0.06 0.00	28.88 0.26 0.00	25.66 0.36 0.00	32.47 1.23 0.00	37.48 1.40 0.00	40.60 1.99 0.00	41.13 2.18 0.00	42.36 2.27 0.00	42.62 2.25 0.00	47.44 1.66 0.00	63.79 2.00 0.00	46.04 1.03 0.00	50.90 1.18 0.00	44.09 1.26 0.00	37.77 1.07 0.00	43.16 1.08 0.00	40.53 0.77 0.00	30.57 0.47 0.00	30.38 0.75 0.00	29.28 0.75 0.00
OSWEGATCHIE___HYD 24044	41.85 0.72 -0.38	36.97 0.50 -0.13	35.80 0.38 -0.06	33.93 0.37 -0.14	36.07 0.54 -0.67	29.35 0.50 -0.23	25.79 0.48 0.00	31.70 0.37 -0.09	36.21 0.04 -0.09	39.45 -0.05 -0.89	39.94 0.08 -0.91	40.82 -0.26 -0.99	40.05 -0.51 -0.19	46.66 -0.45 -1.34	61.30 -1.02 -0.52	44.86 -0.58 -0.43	50.75 -0.55 -1.58	43.48 -0.51 -1.16	37.42 -0.07 -0.78	43.31 0.12 -1.11	41.02 0.30 -0.98	30.76 0.31 -0.35	30.30 0.33 -0.34	29.09 0.32 -0.25
OSWEGO___5 23606	45.27 -0.31 -4.83	37.50 -0.47 -1.63	35.57 -0.54 -0.74	34.64 -0.57 -1.79	42.55 -0.71 -8.40	30.95 -0.55 -2.88	24.88 -0.43 0.00	32.06 -0.33 -1.15	36.89 -0.37 -1.19	49.52 -0.32 -11.24	50.24 -0.26 -11.55	52.34 -0.24 -12.48	42.49 -0.23 -2.35	62.26 -0.37 -16.86	91.05 -0.51 -29.77	61.02 -0.41 -16.42	69.26 -0.42 -19.97	57.14 -0.30 -14.60	46.34 -0.24 -9.88	55.70 -0.35 -13.98	51.69 -0.41 -12.36	34.21 -0.35 -4.46	33.62 -0.34 -4.33	31.30 -0.37 -3.15
OSWEGO___6 23613	45.27 -0.31 -4.83	37.50 -0.47 -1.63	35.57 -0.54 -0.74	34.64 -0.57 -1.79	42.55 -0.71 -8.40	30.95 -0.55 -2.88	24.88 -0.43 0.00	32.06 -0.33 -1.15	36.89 -0.37 -1.19	49.52 -0.32 -11.24	50.24 -0.26 -11.55	52.34 -0.24 -12.48	42.49 -0.23 -2.35	62.26 -0.37 -16.86	91.05 -0.51 -29.77	61.02 -0.41 -16.42	69.26 -0.42 -19.97	57.14 -0.30 -14.60	46.34 -0.24 -9.88	55.70 -0.35 -13.98	51.69 -0.41 -12.36	34.21 -0.35 -4.46	33.62 -0.34 -4.33	31.30 -0.37 -3.15

OUTOKUMPU-AB___DRP 24206	43.40 2.64 0.00	37.60 1.26 0.00	36.10 0.74 0.00	33.82 0.40 0.00	34.56 -0.30 0.00	28.60 -0.02 0.00	25.43 0.13 0.00	32.28 1.03 0.00	37.18 1.11 0.00	40.31 1.71 0.00	41.06 2.11 0.00	42.17 2.08 0.00	42.42 2.05 0.00	47.08 1.30 0.00	63.03 1.23 0.00	45.63 0.62 0.00	50.40 0.69 0.00	43.45 0.62 0.00	37.06 0.35 0.00	42.46 0.39 0.00	39.90 0.14 0.00	30.19 0.09 0.00	30.06 0.43 0.00	29.10 0.58 0.00
OXBOW___BTM 323836	42.99 2.24 0.00	37.27 0.93 0.00	35.80 0.43 0.00	33.55 0.13 0.00	34.26 -0.60 0.00	28.35 -0.27 0.00	25.20 -0.10 0.00	31.95 0.71 0.00	36.72 0.65 0.00	39.81 1.21 0.00	40.57 1.62 0.00	41.64 1.54 0.00	41.73 1.36 0.00	46.29 0.52 0.00	61.88 0.09 0.00	44.79 -0.23 0.00	49.43 -0.28 0.00	42.65 -0.19 0.00	36.37 -0.33 0.00	41.73 -0.35 0.00	39.26 -0.49 -0.01	29.78 -0.32 0.00	29.70 0.07 0.00	28.72 0.20 0.00
OXBOW___ 24026	42.98 2.23 0.00	37.27 0.92 0.00	35.80 0.43 0.00	33.55 0.13 0.00	34.26 -0.59 0.00	28.34 -0.27 0.00	25.20 -0.10 0.00	31.95 0.71 0.00	36.74 0.67 0.00	39.81 1.20 0.00	40.54 1.59 0.00	41.61 1.51 0.00	41.73 1.36 0.00	46.27 0.49 0.00	61.84 0.05 0.00	44.76 -0.25 0.00	49.42 -0.29 0.00	42.59 -0.24 0.00	36.36 -0.35 0.00	41.74 -0.34 0.00	39.27 -0.48 0.00	29.78 -0.32 0.00	29.69 0.06 0.00	28.72 0.20 0.00
OXY_CHEM_DSASP 323612	42.42 1.66 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.03 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.17 0.10 0.00	39.14 0.54 0.00	39.84 0.89 0.00	40.84 0.74 0.00	41.17 0.80 0.00	45.63 -0.15 0.00	60.86 -0.93 0.00	44.04 -0.98 0.00	48.60 -1.11 0.00	41.88 -0.95 0.00	35.80 -0.90 0.00	41.16 -0.91 0.00	38.49 -1.26 0.00	29.22 -0.88 0.00	29.18 -0.45 0.00	28.23 -0.29 0.00
OZONE_PARK_ESR 323760	43.74 2.99 0.00	38.86 2.51 0.00	37.74 2.37 0.00	35.46 2.04 0.00	36.81 1.95 0.00	30.34 1.72 0.00	29.66 1.81 -2.55	49.23 2.67 -15.31	39.59 3.52 0.00	42.45 3.84 0.00	43.06 4.11 0.00	44.57 4.48 0.00	45.06 4.69 0.00	50.78 5.00 0.00	68.49 6.70 0.00	50.15 5.13 0.00	55.59 5.87 0.00	62.89 4.99 -15.07	51.61 3.98 -10.93	46.42 4.34 0.00	43.72 3.98 0.00	33.03 2.93 0.00	32.34 2.71 0.00	31.13 2.61 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.42 1.66 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.03 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.17 0.10 0.00	39.14 0.54 0.00	39.84 0.89 0.00	40.84 0.74 0.00	41.17 0.80 0.00	45.63 -0.15 0.00	60.86 -0.93 0.00	44.04 -0.98 0.00	48.60 -1.11 0.00	41.88 -0.95 0.00	35.80 -0.90 0.00	41.16 -0.91 0.00	38.49 -1.26 0.00	29.22 -0.88 0.00	29.18 -0.45 0.00	28.23 -0.29 0.00
PACKARD___115KV_DUPONT_184 80571	42.42 1.66 0.00	36.81 0.46 0.00	35.38 0.02 0.00	33.17 -0.24 0.00	33.87 -0.99 0.00	28.03 -0.59 0.00	24.90 -0.40 0.00	31.52 0.28 0.00	36.17 0.10 0.00	39.14 0.54 0.00	39.84 0.89 0.00	40.84 0.74 0.00	41.17 0.80 0.00	45.63 -0.15 0.00	60.86 -0.93 0.00	44.04 -0.98 0.00	48.60 -1.11 0.00	41.88 -0.95 0.00	35.80 -0.90 0.00	41.16 -0.91 0.00	38.49 -1.26 0.00	29.22 -0.88 0.00	29.18 -0.45 0.00	28.23 -0.29 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.03 2.28 0.00	38.24 1.90 0.00	37.11 1.75 0.00	34.92 1.50 0.00	36.26 1.40 0.00	29.90 1.29 0.00	29.26 1.41 -2.55	48.66 2.11 -15.31	38.92 2.85 0.00	41.67 3.06 0.00	42.25 3.29 0.00	43.72 3.63 0.00	44.15 3.78 0.00	49.68 3.90 0.00	67.11 5.32 0.00	49.14 4.12 0.00	54.43 4.72 0.00	61.77 3.87 -15.06	50.74 3.11 -10.93	45.45 3.38 0.00	42.85 3.11 0.00	32.38 2.28 0.00	31.74 2.11 0.00	30.65 2.12 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.27 2.52 0.00	38.47 2.13 0.00	37.32 1.95 0.00	35.14 1.72 0.00	36.57 1.71 0.00	30.13 1.51 0.00	29.44 1.58 -2.55	48.97 2.42 -15.31	39.19 3.11 0.00	42.03 3.43 0.00	42.52 3.57 0.00	43.98 3.89 0.00	44.37 4.00 0.00	49.97 4.19 0.00	67.57 5.78 0.00	49.53 4.51 0.00	54.78 5.07 0.00	62.09 4.20 -15.06	50.99 3.36 -10.93	45.73 3.66 0.00	43.10 3.36 0.00	32.56 2.46 0.00	31.93 2.30 0.00	30.81 2.29 0.00
PATROON___115KV_TB1 80586	42.10 1.35 0.00	37.67 1.32 0.00	36.79 1.42 0.00	34.69 1.27 0.00	36.07 1.22 0.00	29.55 0.93 0.00	26.53 0.82 -0.42	34.95 1.20 -2.51	37.41 1.34 0.00	39.95 1.34 0.00	40.06 1.11 0.00	41.18 1.09 0.00	41.47 1.10 0.00	47.19 1.41 0.00	63.87 2.08 0.00	46.41 1.39 0.00	50.98 1.26 0.00	47.62 1.17 -3.62	40.40 1.03 -2.67	43.29 1.21 0.00	40.88 1.13 0.00	31.03 0.94 0.00	30.52 0.89 0.00	29.37 0.85 0.00
PATTRSNVILLE___SOLAR 323815	42.65 1.90 0.00	37.99 1.65 0.00	36.96 1.60 0.00	34.87 1.45 0.00	36.28 1.42 0.00	29.77 1.16 0.00	26.71 1.05 -0.36	34.77 1.38 -2.15	37.62 1.55 0.00	40.23 1.62 0.00	40.46 1.51 0.00	41.66 1.57 0.00	41.98 1.61 0.00	47.74 1.96 0.00	64.76 2.97 0.00	46.95 1.93 0.00	51.68 1.97 0.00	47.93 2.02 -3.08	40.79 1.82 -2.27	44.14 2.06 0.00	41.67 1.93 0.00	31.59 1.49 0.00	31.01 1.38 0.00	29.82 1.29 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.82 3.07 0.00	38.03 1.68 0.00	36.55 1.19 0.00	34.28 0.86 0.00	35.13 0.26 0.00	29.07 0.45 0.00	25.85 0.55 0.00	32.81 1.57 0.00	37.90 1.83 0.00	41.14 2.54 0.00	41.83 2.88 0.00	43.06 2.97 0.00	43.43 3.06 0.00	48.26 2.46 -0.01	64.87 3.08 0.00	46.97 1.96 0.00	51.96 2.25 0.00	44.79 1.96 0.00	38.25 1.54 0.00	43.66 1.58 0.00	40.95 1.20 -0.01	30.89 0.79 0.00	30.69 1.06 0.00	29.59 1.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.52 2.77 0.00	38.66 2.32 0.00	37.54 2.17 0.00	35.31 1.89 0.00	36.65 1.79 0.00	30.18 1.57 0.00	27.74 1.61 -0.84	38.61 2.35 -5.02	39.18 3.11 0.00	42.00 3.40 0.00	42.60 3.64 0.00	44.10 4.01 0.00	44.62 4.25 0.00	50.42 4.64 0.00	68.14 6.34 0.00	49.79 4.77 0.00	55.06 5.35 0.00	57.47 4.45 -10.19	47.69 3.54 -7.45	45.87 3.80 0.00	43.20 3.45 0.00	32.64 2.54 0.00	31.95 2.32 0.00	30.72 2.20 0.00
PEEKSKILL___ 23653	42.84 2.09 0.00	38.09 1.75 0.00	37.02 1.65 0.00	34.83 1.41 0.00	36.18 1.32 0.00	29.80 1.19 0.00	29.55 1.26 -3.00	51.07 1.85 -17.97	38.58 2.51 0.00	41.34 2.73 0.00	41.87 2.92 0.00	43.31 3.22 0.00	43.78 3.41 0.00	49.41 3.63 0.00	66.68 4.89 0.00	48.76 3.74 0.00	54.05 4.34 0.00	65.16 3.70 -18.62	51.79 2.96 -12.13	45.24 3.16 0.00	42.62 2.87 0.00	32.19 2.10 0.00	31.53 1.90 0.00	30.35 1.83 0.00
PGE MADISON___WINDPWR 24146	45.84 4.64 -0.45	40.20 3.71 -0.15	38.88 3.45 -0.07	36.72 3.13 -0.17	38.74 3.10 -0.78	31.62 2.74 -0.27	27.90 2.60 0.00	34.92 3.57 -0.11	40.14 3.95 -0.11	43.77 4.12 -1.05	44.23 4.20 -1.07	46.16 4.90 -1.16	45.78 5.19 -0.22	52.60 5.26 -1.57	70.64 6.10 -2.75	51.38 4.84 -1.52	57.44 5.88 -1.86	49.71 5.52 -1.36	42.64 5.01 -0.92	49.06 5.68 -1.30	46.17 5.28 -1.15	34.40 3.88 -0.42	33.61 3.58 -0.40	31.91 3.10 -0.29

PIERCEFIELD___HYD 23852	40.09 -0.85 -0.19	35.67 -0.73 -0.06	34.61 -0.79 -0.03	32.85 -0.65 -0.07	34.85 -0.35 -0.34	28.47 -0.26 -0.12	25.05 -0.25 0.00	30.42 -0.87 -0.05	34.48 -1.64 -0.05	37.14 -1.91 -0.45	37.53 -1.89 -0.46	38.26 -2.33 -0.50	37.89 -2.57 -0.09	43.77 -2.69 -0.67	58.18 -3.87 -0.26	42.57 -2.66 -0.22	47.65 -2.86 -0.80	40.74 -2.68 -0.58	35.00 -2.09 -0.39	40.57 -2.06 -0.56	38.48 -1.76 -0.49	29.12 -1.16 -0.18	28.82 -0.99 -0.17	27.86 -0.79 -0.13
PINELAWN_CC_1 323563	47.60 2.97 -3.88	38.77 2.43 0.00	37.70 2.33 0.00	35.40 1.98 0.00	36.72 1.86 0.00	30.26 1.65 0.00	29.59 1.71 -2.58	49.12 2.42 -15.45	39.21 3.14 0.00	42.86 3.47 -0.78	62.42 4.10 -19.37	95.88 4.43 -51.36	105.94 4.60 -60.97	169.56 4.97 -118.81	239.26 6.67 -170.80	242.05 5.04 -191.99	267.02 5.84 -211.47	227.13 5.02 -179.27	203.65 4.04 -162.90	60.86 4.29 -14.50	62.75 3.79 -19.22	36.28 2.69 -3.49	32.25 2.56 -0.06	31.21 2.44 -0.24
PJM_GEN_HTTP_PROXY 323702	43.14 2.39 0.00	38.34 2.00 0.00	37.24 1.87 0.00	35.02 1.60 0.00	36.37 1.50 0.00	29.97 1.35 0.00	29.31 1.46 -2.55	48.76 2.19 -15.32	39.02 2.95 0.00	41.78 3.17 0.00	42.36 3.41 0.00	43.82 3.73 0.00	44.28 3.91 0.00	49.94 4.16 0.00	67.36 5.56 0.00	49.26 4.24 0.00	54.61 4.90 0.00	62.09 4.18 -15.07	50.94 3.30 -10.93	46.68 3.58 -1.02	42.05 3.26 0.96	32.47 2.37 0.00	31.81 2.18 0.00	30.65 2.13 0.00
PJM_GEN_KEystone 24065	42.28 1.53 0.00	37.26 0.92 0.00	30.35 0.72 5.73	25.99 0.52 7.95	35.15 0.29 0.00	29.02 0.40 0.00	21.70 0.52 4.12	7.12 1.12 25.25	37.61 1.54 0.00	40.53 1.92 0.00	41.01 2.06 0.00	42.36 2.27 0.00	42.72 2.36 0.00	47.95 2.17 0.00	64.61 2.82 0.00	44.82 2.01 2.21	53.73 2.44 -1.58	55.17 2.16 -10.17	46.11 1.78 -7.63	44.90 1.80 -1.02	40.26 1.47 0.96	31.09 0.99 0.00	30.63 0.99 0.00	29.48 0.95 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.13 2.50 -3.88	38.40 2.06 0.00	37.35 1.98 0.00	35.10 1.68 0.00	36.42 1.56 0.00	30.01 1.39 0.00	29.33 1.46 -2.58	48.77 2.08 -15.45	38.80 2.73 0.00	42.16 2.98 -0.58	60.37 3.51 -17.92	83.50 3.82 -39.59	95.13 4.01 -50.74	150.07 4.30 -99.99	226.23 5.75 -158.68	232.22 4.37 -182.83	166.90 5.06 -112.12	147.92 4.31 -100.78	120.71 3.45 -80.56	46.91 3.63 -1.20	41.98 3.19 0.96	32.62 2.27 -0.25	31.79 2.15 0.00	30.59 2.06 0.00
PJM_GEN_VFT_PROXY 323633	42.93 2.18 0.00	38.15 1.81 0.00	37.06 1.70 0.00	34.84 1.42 0.00	36.18 1.32 0.00	29.82 1.20 0.00	28.16 1.32 -1.54	34.52 2.04 -1.23	38.87 2.80 0.00	41.68 3.07 0.00	42.24 3.29 0.00	43.68 3.59 0.00	44.16 3.79 0.00	49.69 3.91 0.00	67.05 5.26 0.00	49.05 4.03 0.00	54.38 4.67 0.00	61.86 3.96 -15.07	50.81 3.18 -10.93	46.59 3.49 -1.02	42.03 3.25 0.96	32.46 2.36 0.00	31.77 2.14 0.00	30.57 2.05 0.00
PLATSBRG_115KV_PMLD1 355749	40.85 0.10 0.00	36.48 0.14 0.00	35.42 0.06 0.00	33.54 0.12 0.00	35.29 0.43 0.00	29.01 0.39 0.00	25.66 0.36 0.00	31.38 0.14 0.00	36.03 -0.05 0.00	38.31 -0.30 0.00	38.52 -0.43 0.00	39.59 -0.50 0.00	39.84 -0.53 0.00	45.61 -0.17 0.00	60.95 -0.85 0.00	44.80 -0.22 0.00	49.28 -0.43 0.00	41.84 -0.99 0.00	35.83 -0.87 0.00	41.37 -0.71 0.00	39.32 -0.42 0.00	29.79 -0.31 0.00	29.52 -0.10 0.00	28.50 -0.03 0.00
PLEASANTVLY___LBMP 24000	42.63 1.88 0.00	37.95 1.60 0.00	36.90 1.54 0.00	34.74 1.33 0.00	36.10 1.24 0.00	29.70 1.09 0.00	27.52 1.14 -1.09	39.45 1.69 -6.51	38.32 2.25 0.00	41.00 2.39 0.00	41.44 2.49 0.00	42.80 2.71 0.00	43.21 2.84 0.00	48.82 3.05 0.00	65.93 4.14 0.00	48.19 3.17 0.00	53.32 3.61 0.00	55.91 3.08 -10.00	46.45 2.46 -7.29	44.70 2.62 0.00	42.14 2.39 0.00	31.89 1.79 0.00	31.27 1.64 0.00	30.11 1.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.05 2.30 0.00	38.27 1.93 0.00	37.19 1.82 0.00	34.98 1.56 0.00	36.32 1.46 0.00	29.91 1.30 0.00	28.65 1.38 -1.96	45.04 2.01 -11.78	38.77 2.70 0.00	41.50 2.90 0.00	42.02 3.07 0.00	43.47 3.37 0.00	43.97 3.60 0.00	49.66 3.88 0.00	67.00 5.21 0.00	49.00 3.98 0.00	54.28 4.57 0.00	60.31 3.90 -13.59	49.68 3.10 -9.88	45.39 3.32 0.00	42.74 3.00 0.00	32.31 2.21 0.00	31.65 2.02 0.00	30.47 1.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.05 2.30 0.00	38.27 1.93 0.00	37.19 1.82 0.00	34.98 1.56 0.00	36.32 1.46 0.00	29.91 1.30 0.00	28.65 1.38 -1.96	45.04 2.01 -11.78	38.77 2.70 0.00	41.50 2.90 0.00	42.02 3.07 0.00	43.47 3.37 0.00	43.97 3.60 0.00	49.66 3.88 0.00	67.00 5.21 0.00	49.00 3.98 0.00	54.28 4.57 0.00	60.31 3.90 -13.59	49.68 3.10 -9.88	45.39 3.32 0.00	42.74 3.00 0.00	32.31 2.21 0.00	31.65 2.02 0.00	30.47 1.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.19 2.44 0.00	38.38 2.04 0.00	37.30 1.93 0.00	35.10 1.68 0.00	36.46 1.60 0.00	30.00 1.38 0.00	27.19 1.42 -0.47	36.16 2.07 -2.85	38.79 2.72 0.00	41.57 2.97 0.00	42.06 3.11 0.00	43.49 3.40 0.00	43.97 3.60 0.00	49.69 3.91 0.00	67.21 5.42 0.00	49.05 4.03 0.00	54.24 4.53 0.00	54.86 3.78 -8.24	45.82 3.04 -6.08	45.33 3.26 0.00	42.71 2.97 0.00	32.30 2.20 0.00	31.65 2.02 0.00	30.43 1.91 0.00
POLETTI____ 23519	43.08 2.33 0.00	38.30 1.96 0.00	37.20 1.83 0.00	34.98 1.56 0.00	36.32 1.46 0.00	29.94 1.32 0.00	29.28 1.43 -2.55	48.72 2.17 -15.31	39.00 2.92 0.00	41.78 3.17 0.00	42.36 3.40 0.00	43.82 3.73 0.00	44.29 3.92 0.00	49.90 4.12 0.00	67.28 5.49 0.00	49.22 4.21 0.00	54.57 4.86 0.00	62.01 4.11 -15.07	50.88 3.25 -10.93	45.58 3.51 0.00	42.97 3.22 0.00	32.46 2.36 0.00	31.80 2.17 0.00	30.63 2.11 0.00
POMONA___ESR 323819	42.70 1.96 0.00	37.97 1.63 0.00	36.92 1.55 0.00	34.74 1.32 0.00	36.08 1.22 0.00	29.73 1.12 0.00	22.68 1.18 3.80	10.18 1.71 22.77	38.43 2.36 0.00	41.23 2.63 0.00	41.79 2.83 0.00	43.25 3.16 0.00	43.76 3.39 0.00	49.39 3.61 0.00	66.64 4.84 0.00	48.72 3.71 0.00	54.04 4.33 0.00	69.93 3.72 -23.38	57.20 2.99 -17.51	45.24 3.16 0.00	42.59 2.85 0.00	32.17 2.07 0.00	31.47 1.84 0.00	30.29 1.76 0.00
PORT_JEFF_3 23555	47.56 2.93 -3.88	38.76 2.42 0.00	37.65 2.29 0.00	35.34 1.92 0.00	36.66 1.80 0.00	30.21 1.59 0.00	29.57 1.69 -2.58	49.07 2.37 -15.45	39.19 3.12 0.00	43.35 3.49 -1.26	64.70 4.17 -21.58	205.12 4.38 -160.65	207.67 4.44 -162.86	267.74 4.73 -217.23	244.74 6.23 -176.72	256.65 4.69 -206.94	265.05 5.36 -209.97	256.72 4.62 -209.27	265.18 3.73 -224.74	252.45 4.00 -206.37	300.08 3.54 -256.79	72.69 2.50 -40.10	32.68 2.38 -0.67	33.81 2.38 -2.91
PORT_JEFF_4 23616	47.56 2.93 -3.88	38.76 2.42 0.00	37.65 2.29 0.00	35.34 1.92 0.00	36.66 1.80 0.00	30.21 1.59 0.00	29.57 1.69 -2.58	49.07 2.37 -15.45	39.19 3.12 0.00	43.35 3.49 -1.26	64.70 4.17 -21.58	205.12 4.38 -160.65	207.67 4.44 -162.86	267.74 4.73 -217.23	244.74 6.23 -176.72	256.65 4.69 -206.94	265.05 5.36 -209.97	256.72 4.62 -209.27	265.18 3.73 -224.74	252.45 4.00 -206.37	300.08 3.54 -256.79	72.69 2.50 -40.10	32.68 2.38 -0.67	33.81 2.38 -2.91

PORT_JEFF_IC 23713	47.65 3.01 -3.88	38.83 2.48 0.00	37.71 2.34 0.00	35.39 1.97 0.00	36.71 1.85 0.00	30.25 1.64 0.00	29.60 1.73 -2.58	49.12 2.43 -15.45	39.27 3.20 0.00	43.53 3.60 -1.33	65.17 4.28 -21.94	221.66 4.45 -177.11	224.69 4.49 -179.83	285.82 4.82 -235.23	246.70 6.35 -178.56	260.32 4.81 -210.50	265.23 5.49 -210.03	273.24 4.71 -225.70	283.18 3.79 -242.69	272.09 4.06 -225.96	301.93 3.58 -258.61	70.14 2.52 -37.52	32.60 2.38 -0.59	33.52 2.48 -2.53
PPL PILGRIM_ST_GT1 24216	47.80 3.17 -3.88	38.96 2.62 0.00	37.87 2.50 0.00	35.56 2.14 0.00	36.90 2.04 0.00	30.39 1.77 0.00	29.71 1.84 -2.58	49.23 2.54 -15.45	39.35 3.28 0.00	43.11 3.65 -0.85	62.98 4.32 -19.70	137.49 4.59 -92.82	120.10 4.49 -75.25	179.85 4.76 -129.31	236.82 6.33 -168.69	241.10 4.77 -191.31	265.46 5.53 -210.21	226.60 4.74 -179.03	205.78 3.82 -165.26	90.85 4.06 -44.71	103.31 3.58 -59.99	42.80 2.54 -10.16	32.44 2.63 -0.18	31.86 2.58 -0.76
PPL PILGRIM_ST_GT2 24217	47.80 3.17 -3.88	38.96 2.62 0.00	37.87 2.50 0.00	35.56 2.14 0.00	36.90 2.04 0.00	30.39 1.77 0.00	29.71 1.84 -2.58	49.23 2.54 -15.45	39.35 3.28 0.00	43.11 3.65 -0.85	62.98 4.32 -19.70	137.49 4.59 -92.82	120.10 4.49 -75.25	179.85 4.76 -129.31	236.82 6.33 -168.69	241.10 4.77 -191.31	265.46 5.53 -210.21	226.60 4.74 -179.03	205.78 3.82 -165.26	90.85 4.06 -44.71	103.31 3.58 -59.99	42.80 2.54 -10.16	32.44 2.63 -0.18	31.86 2.58 -0.76
PPL_SHRM_GT3 24213	47.37 2.74 -3.88	38.56 2.22 0.00	37.44 2.08 0.00	35.11 1.69 0.00	36.43 1.57 0.00	30.02 1.40 0.00	29.42 1.55 -2.58	48.97 2.27 -15.45	39.18 3.11 0.00	43.39 3.52 -1.27	64.64 4.06 -21.63	207.75 4.61 -163.05	210.39 4.79 -165.24	270.75 5.12 -219.84	245.42 6.61 -177.02	257.47 4.95 -207.50	265.31 5.60 -210.00	260.17 5.02 -212.32	268.50 4.08 -227.72	254.36 4.40 -207.89	297.18 4.05 -253.39	71.82 2.83 -38.89	32.90 2.63 -0.64	33.83 2.53 -2.78
PPL_SHRM_GT4 24214	47.37 2.74 -3.88	38.56 2.22 0.00	37.44 2.08 0.00	35.11 1.69 0.00	36.43 1.57 0.00	30.02 1.40 0.00	29.42 1.55 -2.58	48.97 2.27 -15.45	39.18 3.11 0.00	43.39 3.52 -1.27	64.64 4.06 -21.63	207.75 4.61 -163.05	210.39 4.79 -165.24	270.75 5.12 -219.84	245.42 6.61 -177.02	257.47 4.95 -207.50	265.31 5.60 -210.00	260.17 5.02 -212.32	268.50 4.08 -227.72	254.36 4.40 -207.89	297.18 4.05 -253.39	71.82 2.83 -38.89	32.90 2.63 -0.64	33.83 2.53 -2.78
PROJECT___ORANGE 1 24174	41.84 0.46 -0.63	36.70 0.14 -0.21	35.50 0.04 -0.10	33.61 -0.04 -0.23	35.76 -0.19 -1.09	28.88 -0.11 -0.37	25.28 -0.02 0.00	31.64 0.24 -0.15	36.56 0.34 -0.15	40.57 0.50 -1.46	41.07 0.62 -1.50	42.41 0.69 -1.62	41.42 0.75 -0.30	48.70 0.73 -2.19	66.14 1.02 -3.33	47.66 0.69 -1.96	53.10 0.79 -2.60	45.49 0.75 -1.90	38.65 0.66 -1.28	44.53 0.64 -1.82	41.83 0.47 -1.61	30.96 0.28 -0.58	30.43 0.23 -0.56	29.09 0.16 -0.41
PROJECT___ORANGE 2 24166	41.84 0.46 -0.63	36.70 0.14 -0.21	35.50 0.04 -0.10	33.61 -0.04 -0.23	35.76 -0.19 -1.09	28.88 -0.11 -0.37	25.28 -0.02 0.00	31.64 0.24 -0.15	36.56 0.34 -0.15	40.57 0.50 -1.46	41.07 0.62 -1.50	42.41 0.69 -1.62	41.42 0.75 -0.30	48.70 0.73 -2.19	66.14 1.02 -3.33	47.66 0.69 -1.96	53.10 0.79 -2.60	45.49 0.75 -1.90	38.65 0.66 -1.28	44.53 0.64 -1.82	41.83 0.47 -1.61	30.96 0.28 -0.58	30.43 0.23 -0.56	29.09 0.16 -0.41
PUCKETT___SOLAR 323809	43.21 2.05 -0.41	37.94 1.46 -0.14	36.75 1.32 -0.06	34.74 1.17 -0.15	36.64 1.06 -0.72	29.83 0.97 -0.24	26.24 0.93 0.00	32.86 1.52 -0.10	37.87 1.70 -0.10	41.49 1.92 -0.97	41.88 1.94 -0.99	43.29 2.13 -1.07	42.83 2.27 -0.20	49.57 2.35 -1.44	67.18 2.85 -2.53	48.72 2.30 -1.41	53.99 2.57 -1.71	46.41 2.33 -1.25	39.76 2.21 -0.84	45.65 2.38 -1.19	42.94 2.14 -1.06	31.98 1.50 -0.38	31.42 1.42 -0.37	30.00 1.20 -0.27
PYRITES___HYD 24023	40.83 -0.10 -0.18	36.33 -0.07 -0.06	35.23 -0.16 -0.03	33.43 -0.06 -0.07	35.47 0.30 -0.31	29.00 0.28 -0.11	25.53 0.23 0.00	31.02 -0.27 -0.04	35.20 -0.91 -0.04	37.83 -1.18 -0.41	38.17 -1.21 -0.42	38.95 -1.60 -0.46	38.54 -1.92 -0.09	44.34 -2.05 -0.62	59.10 -2.93 -0.24	43.18 -2.03 -0.20	48.46 -1.98 -0.73	41.34 -2.03 -0.54	35.78 -1.28 -0.36	41.56 -1.03 -0.51	39.38 -0.82 -0.45	29.76 -0.51 -0.16	29.41 -0.38 -0.16	28.37 -0.27 -0.12
QUAKERRD_115KV_BK1 80622	41.50 0.75 0.00	36.41 0.07 0.00	35.15 -0.22 0.00	33.04 -0.38 0.00	34.07 -0.79 0.00	28.11 -0.51 0.00	24.99 -0.31 0.00	31.39 0.14 0.00	36.26 0.19 0.00	39.09 0.48 0.00	39.65 0.70 0.00	40.78 0.69 0.00	41.17 0.80 0.00	46.20 0.42 0.00	62.21 0.42 0.00	45.18 0.17 0.00	49.91 0.20 0.00	43.13 0.30 0.00	36.86 0.16 0.00	42.16 0.08 0.00	39.55 -0.19 0.00	29.90 -0.20 0.00	29.52 -0.11 0.00	28.37 -0.15 0.00
QUENSBRY_115KV_TB8 356137	43.72 2.97 0.00	38.99 2.65 0.00	37.85 2.48 0.00	35.67 2.25 0.00	37.08 2.22 0.00	30.55 1.94 0.00	27.65 1.96 -0.39	36.27 2.66 -2.36	39.13 3.06 0.00	41.68 3.08 0.00	41.55 2.60 0.00	42.48 2.38 0.00	42.70 2.33 0.00	48.55 2.77 0.00	66.15 4.35 0.00	48.06 3.04 0.00	52.91 3.20 0.00	49.41 3.20 -3.38	42.13 2.93 -2.50	45.31 3.24 0.00	42.79 3.04 0.00	32.44 2.34 0.00	31.84 2.21 0.00	30.64 2.12 0.00
RAMAPO___LBMP 323565	42.56 1.81 0.00	37.84 1.49 0.00	36.79 1.43 0.00	34.62 1.20 0.00	35.96 1.10 0.00	29.63 1.01 0.00	22.75 1.09 3.65	10.97 1.60 21.88	38.30 2.23 0.00	41.07 2.46 0.00	41.59 2.64 0.00	43.03 2.94 0.00	43.50 3.13 0.00	49.11 3.33 0.00	66.27 4.47 0.00	48.44 3.42 0.00	53.72 4.01 0.00	66.25 3.45 -19.97	54.50 2.79 -15.01	45.02 2.95 0.00	42.42 2.67 0.00	32.03 1.93 0.00	31.35 1.72 0.00	30.18 1.66 0.00
RANKINE____ 23646	43.65 2.90 0.00	37.87 1.52 0.00	36.39 1.03 0.00	34.13 0.71 0.00	34.92 0.06 0.00	28.90 0.29 0.00	25.69 0.39 0.00	32.62 1.38 0.00	37.70 1.63 0.00	40.91 2.30 0.00	41.63 2.68 0.00	42.84 2.75 0.00	43.17 2.80 0.00	47.89 2.11 0.00	64.28 2.48 0.00	46.54 1.52 0.00	51.44 1.73 0.00	44.34 1.51 0.00	37.89 1.19 0.00	43.30 1.22 0.00	40.63 0.87 -0.01	30.65 0.55 0.00	30.47 0.84 0.00	29.39 0.87 0.00
RAVENSWOOD_GT2_1 24244	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.91 0.00	35.06 1.64 0.00	36.40 1.54 0.00	30.00 1.39 0.00	29.33 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.97 0.00	49.92 4.14 0.00	67.30 5.51 0.00	49.24 4.22 0.00	54.57 4.86 0.00	62.00 4.11 -15.06	50.87 3.24 -10.93	45.58 3.50 0.00	42.96 3.22 0.00	32.46 2.36 0.00	31.81 2.18 0.00	30.66 2.14 0.00
RAVENSWOOD_GT2_2 24245	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.91 0.00	35.06 1.64 0.00	36.40 1.54 0.00	30.00 1.39 0.00	29.33 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.97 0.00	49.92 4.14 0.00	67.30 5.51 0.00	49.24 4.22 0.00	54.57 4.86 0.00	62.00 4.11 -15.06	50.87 3.24 -10.93	45.58 3.50 0.00	42.96 3.22 0.00	32.46 2.36 0.00	31.81 2.18 0.00	30.66 2.14 0.00

RAVENSWOOD_GT2_3 24246	43.20 2.44 0.00	38.41 2.07 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.42 1.57 0.00	30.02 1.41 0.00	29.36 1.50 -2.55	48.80 2.24 -15.31	39.07 3.00 0.00	41.88 3.27 0.00	42.44 3.49 0.00	43.91 3.82 0.00	44.38 4.01 0.00	49.96 4.18 0.00	67.35 5.56 0.00	49.28 4.26 0.00	54.62 4.91 0.00	62.04 4.14 -15.06	50.90 3.27 -10.93	45.62 3.54 0.00	43.00 3.25 0.00	32.49 2.38 0.00	31.83 2.20 0.00	30.68 2.16 0.00
RAVENSWOOD_GT2_4 24247	43.20 2.44 0.00	38.41 2.07 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.42 1.57 0.00	30.02 1.41 0.00	29.36 1.50 -2.55	48.80 2.24 -15.31	39.07 3.00 0.00	41.88 3.27 0.00	42.44 3.49 0.00	43.91 3.82 0.00	44.38 4.01 0.00	49.96 4.18 0.00	67.35 5.56 0.00	49.28 4.26 0.00	54.62 4.91 0.00	62.04 4.14 -15.06	50.90 3.27 -10.93	45.62 3.54 0.00	43.00 3.25 0.00	32.49 2.38 0.00	31.83 2.20 0.00	30.68 2.16 0.00
RAVENSWOOD_GT3_1 24248	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.91 0.00	35.06 1.64 0.00	36.40 1.54 0.00	30.00 1.39 0.00	29.34 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.97 0.00	49.93 4.15 0.00	67.30 5.51 0.00	49.24 4.22 0.00	54.58 4.87 0.00	62.00 4.11 -15.06	50.87 3.24 -10.93	45.58 3.50 0.00	42.97 3.22 0.00	32.46 2.36 0.00	31.81 2.18 0.00	30.67 2.14 0.00
RAVENSWOOD_GT3_2 24249	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.91 0.00	35.06 1.64 0.00	36.40 1.54 0.00	30.00 1.39 0.00	29.34 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.97 0.00	49.93 4.15 0.00	67.30 5.51 0.00	49.24 4.22 0.00	54.58 4.87 0.00	62.00 4.11 -15.06	50.87 3.24 -10.93	45.58 3.50 0.00	42.97 3.22 0.00	32.46 2.36 0.00	31.81 2.18 0.00	30.67 2.14 0.00
RAVENSWOOD_GT3_3 24250	43.26 2.51 0.00	38.46 2.11 0.00	37.35 1.98 0.00	35.13 1.71 0.00	36.47 1.61 0.00	30.06 1.45 0.00	29.39 1.53 -2.55	48.84 2.29 -15.31	39.14 3.07 0.00	41.95 3.34 0.00	42.53 3.57 0.00	43.99 3.90 0.00	44.46 4.09 0.00	50.06 4.28 0.00	67.48 5.69 0.00	49.37 4.36 0.00	54.73 5.01 0.00	62.13 4.24 -15.06	50.98 3.35 -10.93	45.70 3.62 0.00	43.08 3.33 0.00	32.54 2.44 0.00	31.88 2.24 0.00	30.73 2.21 0.00
RAVENSWOOD_GT3_4 24251	43.26 2.51 0.00	38.46 2.11 0.00	37.35 1.98 0.00	35.13 1.71 0.00	36.47 1.61 0.00	30.06 1.45 0.00	29.39 1.53 -2.55	48.84 2.29 -15.31	39.14 3.07 0.00	41.95 3.34 0.00	42.53 3.57 0.00	43.99 3.90 0.00	44.46 4.09 0.00	50.06 4.28 0.00	67.48 5.69 0.00	49.37 4.36 0.00	54.73 5.01 0.00	62.13 4.24 -15.06	50.98 3.35 -10.93	45.70 3.62 0.00	43.08 3.33 0.00	32.54 2.44 0.00	31.88 2.24 0.00	30.73 2.21 0.00
RAVENSWOOD_GT_1 23729	43.22 2.47 0.00	38.42 2.08 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.42 1.57 0.00	30.04 1.42 0.00	29.38 1.53 -2.55	48.83 2.28 -15.31	39.13 3.06 0.00	44.73 3.27 -2.86	44.07 3.50 -1.62	45.66 3.84 -1.73	48.69 4.03 -4.30	52.33 4.13 -2.43	67.29 5.48 -0.01	54.50 4.27 -5.22	58.20 4.89 -3.59	65.19 4.03 -18.33	48.80 3.16 -8.93	39.07 3.41 6.42	39.85 3.17 3.07	39.52 2.35 -7.07	40.49 2.17 -8.69	37.11 2.19 -6.40
RAVENSWOOD_GT_10 24258	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.92 0.00	35.06 1.64 0.00	36.41 1.54 0.00	30.01 1.39 0.00	29.34 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.98 0.00	49.93 4.15 0.00	67.32 5.52 0.00	49.25 4.23 0.00	54.58 4.87 0.00	62.01 4.11 -15.06	50.88 3.25 -10.93	45.59 3.51 0.00	42.97 3.23 0.00	32.65 2.36 -0.19	32.82 2.18 -1.00	31.40 2.14 -0.74
RAVENSWOOD_GT_11 24259	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.92 0.00	35.06 1.64 0.00	36.41 1.54 0.00	30.01 1.39 0.00	29.34 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.98 0.00	49.93 4.15 0.00	67.32 5.52 0.00	49.25 4.23 0.00	54.58 4.87 0.00	62.01 4.11 -15.06	50.88 3.25 -10.93	45.59 3.51 0.00	42.97 3.23 0.00	32.65 2.36 -0.19	32.82 2.18 -1.00	31.40 2.14 -0.74
RAVENSWOOD_GT_4 24252	43.19 2.43 0.00	38.40 2.06 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.42 1.56 0.00	30.01 1.39 0.00	29.34 1.49 -2.55	48.78 2.22 -15.31	39.05 2.98 0.00	44.02 3.24 -2.17	43.65 3.46 -1.23	45.20 3.80 -1.32	47.62 3.98 -3.27	51.79 4.17 -1.85	67.35 5.54 -0.01	53.23 4.24 -3.97	57.33 4.88 -2.74	64.53 4.15 -17.55	49.39 3.28 -9.40	40.73 3.54 4.89	40.66 3.26 2.34	37.87 2.39 -5.38	38.45 2.20 -6.62	35.55 2.16 -4.87
RAVENSWOOD_GT_5 24254	43.19 2.43 0.00	38.40 2.06 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.42 1.56 0.00	30.01 1.39 0.00	29.34 1.49 -2.55	48.78 2.22 -15.31	39.05 2.98 0.00	44.02 3.24 -2.17	43.65 3.46 -1.23	45.20 3.80 -1.32	47.62 3.98 -3.27	51.79 4.17 -1.85	67.35 5.54 -0.01	53.23 4.24 -3.97	57.33 4.88 -2.74	64.53 4.15 -17.55	49.39 3.28 -9.40	40.73 3.54 4.89	40.66 3.26 2.34	37.87 2.39 -5.38	38.45 2.20 -6.62	35.55 2.16 -4.87
RAVENSWOOD_GT_6 24253	43.19 2.43 0.00	38.40 2.06 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.42 1.56 0.00	30.01 1.39 0.00	29.34 1.49 -2.55	48.78 2.22 -15.31	39.05 2.98 0.00	44.02 3.24 -2.17	43.65 3.46 -1.23	45.20 3.80 -1.32	47.62 3.98 -3.27	51.79 4.17 -1.85	67.35 5.54 -0.01	53.23 4.24 -3.97	57.33 4.88 -2.74	64.53 4.15 -17.55	49.39 3.28 -9.40	40.73 3.54 4.89	40.66 3.26 2.34	37.87 2.39 -5.38	38.45 2.20 -6.62	35.55 2.16 -4.87
RAVENSWOOD_GT_7 24255	43.19 2.43 0.00	38.40 2.06 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.42 1.56 0.00	30.01 1.39 0.00	29.34 1.49 -2.55	48.78 2.22 -15.31	39.05 2.98 0.00	44.02 3.24 -2.17	43.65 3.46 -1.23	45.20 3.80 -1.32	47.62 3.98 -3.27	51.79 4.17 -1.85	67.35 5.54 -0.01	53.23 4.24 -3.97	57.33 4.88 -2.74	64.53 4.15 -17.55	49.39 3.28 -9.40	40.73 3.54 4.89	40.66 3.26 2.34	37.87 2.39 -5.38	38.45 2.20 -6.62	35.55 2.16 -4.87
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.92 0.00	35.06 1.64 0.00	36.41 1.54 0.00	30.01 1.39 0.00	29.34 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.98 0.00	49.93 4.15 0.00	67.32 5.52 0.00	49.25 4.23 0.00	54.58 4.87 0.00	62.01 4.11 -15.06	50.88 3.25 -10.93	45.59 3.51 0.00	42.97 3.23 0.00	32.65 2.36 -0.19	32.82 2.18 -1.00	31.40 2.14 -0.74
RAVENSWOOD_GT_9 24257	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.92 0.00	35.06 1.64 0.00	36.41 1.54 0.00	30.01 1.39 0.00	29.34 1.48 -2.55	48.77 2.22 -15.31	39.05 2.98 0.00	41.84 3.23 0.00	42.41 3.46 0.00	43.88 3.78 0.00	44.34 3.98 0.00	49.93 4.15 0.00	67.32 5.52 0.00	49.25 4.23 0.00	54.58 4.87 0.00	62.01 4.11 -15.06	50.88 3.25 -10.93	45.59 3.51 0.00	42.97 3.23 0.00	32.65 2.36 -0.19	32.82 2.18 -1.00	31.40 2.14 -0.74

RAVENSWOOD___1 23533	43.18 2.43 0.00	38.38 2.04 0.00	37.27 1.91 0.00	35.05 1.62 0.00	36.39 1.53 0.00	30.01 1.39 0.00	29.36 1.51 -2.55	48.80 2.25 -15.31	39.11 3.04 0.00	41.87 3.26 0.00	42.43 3.48 0.00	43.91 3.82 0.00	44.38 4.01 0.00	49.88 4.11 0.00	67.24 5.45 0.00	49.24 4.23 0.00	54.58 4.86 0.00	61.89 4.00 -15.06	50.77 3.14 -10.93	45.46 3.39 0.00	42.90 3.16 0.00	30.83 2.32 1.59	23.18 2.11 8.56	24.36 2.14 6.30
RAVENSWOOD___2 23534	43.07 2.32 0.00	38.29 1.95 0.00	37.19 1.82 0.00	34.97 1.55 0.00	36.31 1.45 0.00	29.94 1.32 0.00	29.30 1.45 -2.55	48.72 2.17 -15.31	39.02 2.95 0.00	41.78 3.18 0.00	42.34 3.39 0.00	43.81 3.72 0.00	44.28 3.91 0.00	49.69 3.91 0.00	66.82 5.03 0.00	49.02 4.00 0.00	54.34 4.63 0.00	61.56 3.67 -15.06	50.44 2.81 -10.93	45.08 3.00 0.00	42.55 2.80 0.00	32.16 2.06 0.00	31.51 1.88 0.00	30.50 1.98 0.00
RAVENSWOOD___3 23535	43.17 2.42 0.00	38.38 2.04 0.00	37.28 1.92 0.00	35.06 1.64 0.00	36.41 1.54 0.00	30.01 1.39 0.00	29.33 1.48 -2.55	48.77 2.22 -15.31	39.06 2.98 0.00	41.84 3.24 0.00	42.41 3.46 0.00	43.87 3.78 0.00	44.35 3.98 0.00	49.93 4.15 0.00	67.30 5.51 0.00	49.23 4.22 0.00	54.58 4.87 0.00	62.00 4.10 -15.06	50.88 3.25 -10.93	45.58 3.50 0.00	42.97 3.22 0.00	32.46 2.36 0.00	31.81 2.17 0.00	30.67 2.14 0.00
RAVENSWOOD___4 23820	43.14 2.39 0.00	38.35 2.01 0.00	37.24 1.88 0.00	35.01 1.60 0.00	36.36 1.49 0.00	29.98 1.37 0.00	29.34 1.48 -2.55	48.77 2.22 -15.31	39.08 3.01 0.00	39.03 3.23 2.81	40.81 3.46 1.60	42.19 3.80 1.70	40.12 3.98 4.23	47.47 4.09 2.39	67.17 5.40 0.02	44.08 4.20 5.14	51.00 4.83 3.54	58.65 3.98 -11.84	52.72 3.12 -12.89	51.76 3.37 -6.32	45.90 3.13 -3.02	25.44 2.30 6.96	23.18 2.11 8.56	24.36 2.14 6.30
RCPL_TRUST___DRP 24196	43.21 2.46 0.00	38.40 2.05 0.00	37.30 1.93 0.00	35.07 1.65 0.00	36.42 1.56 0.00	30.01 1.40 0.00	29.35 1.50 -2.55	48.82 2.25 -15.32	39.08 3.01 0.00	41.85 3.24 0.00	42.44 3.49 0.00	43.90 3.81 0.00	44.36 3.99 0.00	50.03 4.25 0.00	67.48 5.69 0.00	49.35 4.33 0.00	54.71 5.00 0.00	62.16 4.26 -15.07	50.99 3.36 -10.93	45.71 3.63 0.00	43.05 3.30 0.00	32.51 2.41 0.00	31.85 2.22 0.00	30.69 2.16 0.00
RED___ROCHESTER 323720	43.07 2.32 0.00	37.67 1.32 0.00	36.29 0.92 0.00	34.07 0.65 0.00	35.07 0.21 0.00	28.95 0.34 0.00	25.73 0.43 0.00	32.42 1.18 0.00	37.44 1.37 0.00	40.42 1.81 0.00	41.04 2.09 0.00	42.19 2.10 0.00	42.65 2.28 0.00	47.78 2.00 0.00	64.29 2.50 0.00	46.68 1.66 0.00	51.58 1.87 0.00	44.64 1.81 0.00	38.06 1.36 0.00	43.53 1.45 0.00	40.79 1.05 0.00	30.82 0.72 0.00	30.47 0.84 0.00	29.29 0.77 0.00
REGAN___SOLAR 323812	45.66 4.91 0.00	40.49 4.15 0.00	39.31 3.94 0.00	37.03 3.61 0.00	38.59 3.73 0.00	31.70 3.09 0.00	27.65 2.35 0.00	33.10 1.86 0.00	37.56 1.49 0.00	41.12 2.52 0.00	39.30 0.34 0.00	41.73 1.64 0.00	42.00 1.63 0.00	49.00 3.22 0.00	67.68 5.88 0.00	46.92 1.90 0.00	52.26 2.54 0.00	50.31 7.47 0.00	43.15 6.45 0.00	47.76 5.68 0.00	45.30 5.55 0.00	34.14 4.04 0.00	33.38 3.75 0.00	32.01 3.49 0.00
RENSSELAER___COGEN 23796	41.73 0.98 0.00	37.38 1.04 0.00	36.53 1.16 0.00	34.44 1.03 0.00	35.83 0.97 0.00	29.34 0.72 0.00	26.33 0.61 -0.42	34.70 0.92 -2.54	37.06 0.99 0.00	39.51 0.90 0.00	39.58 0.63 0.00	40.65 0.56 0.00	40.91 0.54 0.00	46.53 0.75 0.00	62.93 1.13 0.00	45.81 0.79 0.00	50.35 0.64 0.00	47.08 0.55 -3.69	39.93 0.51 -2.72	42.72 0.64 0.00	40.37 0.62 0.00	30.69 0.58 0.00	30.24 0.61 0.00	29.13 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.01 5.26 0.00	41.31 4.97 0.00	39.98 4.62 0.00	37.66 4.24 0.00	39.14 4.28 0.00	32.71 4.10 0.00	29.77 4.07 -0.39	38.86 5.25 -2.37	41.91 5.84 0.00	43.82 5.21 0.00	43.72 4.77 0.00	44.19 4.10 0.00	44.25 3.88 0.00	50.95 5.18 0.00	69.95 8.15 0.00	50.99 5.97 0.00	55.07 5.36 0.00	51.26 5.03 -3.39	43.72 4.51 -2.50	46.92 4.84 0.00	44.38 4.63 0.00	33.75 3.65 0.00	33.40 3.77 0.00	32.38 3.86 0.00
REVERE_CPPR_DRP 24186	43.59 2.52 -0.32	38.46 2.02 -0.11	37.24 1.83 -0.05	35.20 1.66 -0.12	37.07 1.66 -0.55	30.23 1.43 -0.19	26.54 1.24 0.00	32.92 1.60 -0.08	37.98 1.83 -0.08	41.33 1.99 -0.74	41.92 2.21 -0.76	43.09 2.18 -0.82	42.61 2.09 -0.15	49.29 2.41 -1.11	66.32 3.23 -1.31	48.23 2.40 -0.81	53.97 2.95 -1.31	46.35 2.56 -0.96	39.71 2.35 -0.65	45.66 2.67 -0.92	43.14 2.59 -0.81	32.29 1.90 -0.29	31.68 1.76 -0.28	30.46 1.73 -0.20
REYNOLDS_115KV_TB3 80639	42.05 1.30 0.00	37.63 1.28 0.00	36.71 1.34 0.00	34.62 1.20 0.00	36.00 1.14 0.00	29.48 0.86 0.00	26.54 0.79 -0.44	35.04 1.16 -2.63	37.39 1.31 0.00	39.86 1.26 0.00	39.92 0.96 0.00	41.02 0.92 0.00	41.29 0.92 0.00	46.96 1.18 0.00	63.51 1.72 0.00	46.22 1.20 0.00	50.85 1.14 0.00	47.68 1.03 -3.81	40.41 0.90 -2.81	43.16 1.08 0.00	40.77 1.02 0.00	30.98 0.88 0.00	30.46 0.83 0.00	29.35 0.82 0.00
RIVERBAY____ 323610	43.27 2.52 0.00	38.47 2.13 0.00	37.32 1.95 0.00	35.14 1.72 0.00	36.57 1.71 0.00	30.13 1.51 0.00	29.44 1.58 -2.55	48.97 2.42 -15.31	39.19 3.11 0.00	42.03 3.43 0.00	42.52 3.57 0.00	43.98 3.89 0.00	44.37 4.00 0.00	49.97 4.19 0.00	67.57 5.78 0.00	49.53 4.51 0.00	54.78 5.07 0.00	62.09 4.20 -15.06	50.99 3.36 -10.93	45.73 3.66 0.00	43.10 3.36 0.00	32.56 2.46 0.00	31.93 2.30 0.00	30.81 2.29 0.00
RIVERSDE_115KV_TB3 55908	41.97 1.22 0.00	37.57 1.23 0.00	36.68 1.32 0.00	34.59 1.17 0.00	35.98 1.12 0.00	29.46 0.84 0.00	26.48 0.75 -0.43	34.93 1.11 -2.58	37.31 1.24 0.00	39.81 1.20 0.00	39.89 0.93 0.00	40.99 0.90 0.00	41.27 0.90 0.00	46.94 1.16 0.00	63.50 1.71 0.00	46.20 1.19 0.00	50.78 1.07 0.00	47.53 0.97 -3.73	40.31 0.86 -2.75	43.10 1.03 0.00	40.71 0.97 0.00	30.93 0.83 0.00	30.42 0.78 0.00	29.29 0.77 0.00
ROARING___BROOK_WT_PWR 323790	40.50 -0.25 0.00	36.13 -0.21 0.00	35.16 -0.21 0.00	33.23 -0.19 0.00	34.74 -0.12 0.00	28.51 -0.11 0.00	25.20 -0.10 0.00	31.04 -0.21 0.00	35.77 -0.31 0.00	38.25 -0.36 0.00	38.56 -0.39 0.00	39.62 -0.47 0.00	39.80 -0.57 0.00	45.18 -0.60 0.00	60.96 -0.83 0.00	44.43 -0.59 0.00	49.06 -0.65 0.00	42.24 -0.60 0.00	36.19 -0.51 0.00	41.56 -0.51 0.00	39.31 -0.44 0.00	29.79 -0.31 0.00	29.38 -0.25 0.00	28.29 -0.23 0.00
ROCHESRG_115KV_T4 355643	42.41 1.66 0.00	37.13 0.78 0.00	35.81 0.44 0.00	33.63 0.21 0.00	34.62 -0.23 0.00	28.58 -0.04 0.00	25.40 0.10 0.00	31.98 0.74 0.00	36.92 0.85 0.00	39.83 1.22 0.00	40.40 1.45 0.00	41.52 1.43 0.00	41.94 1.57 0.00	46.95 1.17 0.00	63.13 1.34 0.00	45.83 0.81 0.00	50.63 0.92 0.00	43.75 0.91 0.00	37.36 0.66 0.00	42.75 0.68 0.00	40.09 0.35 0.00	30.32 0.22 0.00	30.00 0.37 0.00	28.88 0.36 0.00

ROCHESTER_9_IC 23652	42.76 2.01 0.00	37.41 1.07 0.00	36.07 0.70 0.00	33.88 0.46 0.00	34.87 0.00 0.00	28.78 0.17 0.00	25.58 0.28 0.00	32.22 0.98 0.00	37.21 1.14 0.00	40.14 1.54 0.00	40.74 1.79 0.00	41.88 1.79 0.00	42.32 1.95 0.00	47.40 1.62 0.00	63.74 1.95 0.00	46.28 1.26 0.00	51.13 1.42 0.00	44.20 1.37 0.00	37.72 1.02 0.00	43.16 1.08 0.00	40.47 0.72 0.00	30.58 0.48 0.00	30.25 0.62 0.00	29.10 0.58 0.00
ROCKVIEW_13_KV_LD 356306	43.28 2.53 0.00	38.47 2.13 0.00	37.37 2.00 0.00	35.14 1.72 0.00	36.48 1.62 0.00	30.06 1.45 0.00	29.36 1.51 -2.55	48.75 2.21 -15.30	39.01 2.94 0.00	41.80 3.20 0.00	42.38 3.43 0.00	43.86 3.76 0.00	44.33 3.97 0.00	50.03 4.26 0.00	67.50 5.70 0.00	49.36 4.34 0.00	54.71 5.00 0.00	62.15 4.26 -15.06	51.02 3.39 -10.93	45.71 3.63 0.00	43.06 3.32 0.00	32.53 2.43 0.00	31.85 2.22 0.00	30.68 2.15 0.00
ROME____115KV_TB2 80656	43.59 2.52 -0.32	38.46 2.02 -0.11	37.24 1.83 -0.05	35.20 1.66 -0.12	37.07 1.66 -0.55	30.23 1.43 -0.19	26.54 1.24 0.00	32.92 1.60 -0.08	37.98 1.83 -0.08	41.33 1.99 -0.74	41.92 2.21 -0.76	43.09 2.18 -0.82	42.61 2.09 -0.15	49.29 2.41 -1.11	66.32 3.23 -1.31	48.23 2.40 -0.81	53.97 2.95 -1.31	46.35 2.56 -0.96	39.71 2.35 -0.65	45.66 2.67 -0.92	43.14 2.59 -0.81	32.29 1.90 -0.29	31.68 1.76 -0.28	30.46 1.73 -0.20
ROSETON____1 23587	42.52 1.77 0.00	37.84 1.50 0.00	36.81 1.45 0.00	34.65 1.23 0.00	36.01 1.15 0.00	29.62 1.01 0.00	26.36 1.06 0.00	32.83 1.59 0.00	38.22 2.14 0.00	40.90 2.30 0.00	41.36 2.41 0.00	42.71 2.62 0.00	43.14 2.76 0.00	48.74 2.96 0.00	65.78 3.99 0.00	48.07 3.05 0.00	53.22 3.51 0.00	40.11 3.01 5.73	34.89 2.41 4.22	44.64 2.57 0.00	42.08 2.33 0.00	31.84 1.74 0.00	31.20 1.57 0.00	30.04 1.52 0.00
ROSETON____2 23588	42.52 1.77 0.00	37.84 1.50 0.00	36.81 1.45 0.00	34.65 1.23 0.00	36.01 1.15 0.00	29.62 1.01 0.00	26.36 1.06 0.00	32.83 1.59 0.00	38.22 2.14 0.00	40.90 2.30 0.00	41.36 2.41 0.00	42.71 2.62 0.00	43.14 2.76 0.00	48.74 2.96 0.00	65.78 3.99 0.00	48.07 3.05 0.00	53.22 3.51 0.00	40.11 3.01 5.73	34.89 2.41 4.22	44.64 2.57 0.00	42.08 2.33 0.00	31.84 1.74 0.00	31.20 1.57 0.00	30.04 1.52 0.00
ROTTDAM_115KV_TB3 80664	42.37 1.62 0.00	37.77 1.43 0.00	36.78 1.41 0.00	34.69 1.27 0.00	36.09 1.23 0.00	29.60 0.98 0.00	26.60 0.93 -0.37	34.77 1.30 -2.23	37.60 1.53 0.00	40.19 1.58 0.00	40.42 1.47 0.00	41.60 1.50 0.00	41.89 1.52 0.00	47.57 1.79 0.00	64.44 2.64 0.00	46.83 1.81 0.00	51.57 1.86 0.00	47.77 1.75 -3.19	40.60 1.54 -2.35	43.82 1.74 0.00	41.37 1.63 0.00	31.36 1.26 0.00	30.80 1.17 0.00	29.62 1.10 0.00
RUSSELL____1 23602	43.07 2.32 0.00	37.66 1.32 0.00	36.29 0.92 0.00	34.07 0.65 0.00	35.07 0.21 0.00	28.95 0.34 0.00	25.73 0.43 0.00	32.42 1.18 0.00	37.46 1.38 0.00	40.41 1.81 0.00	41.03 2.08 0.00	42.18 2.09 0.00	42.65 2.28 0.00	47.77 1.99 0.00	64.27 2.48 0.00	46.67 1.65 0.00	51.57 1.86 0.00	44.61 1.77 0.00	38.05 1.35 0.00	43.53 1.46 0.00	40.80 1.05 0.00	30.82 0.72 0.00	30.46 0.83 0.00	29.29 0.77 0.00
RUSSELL____2 23532	43.07 2.32 0.00	37.66 1.32 0.00	36.29 0.92 0.00	34.07 0.65 0.00	35.07 0.21 0.00	28.95 0.34 0.00	25.73 0.43 0.00	32.42 1.18 0.00	37.46 1.38 0.00	40.41 1.81 0.00	41.03 2.08 0.00	42.18 2.09 0.00	42.65 2.28 0.00	47.77 1.99 0.00	64.27 2.48 0.00	46.67 1.65 0.00	51.57 1.86 0.00	44.61 1.77 0.00	38.05 1.35 0.00	43.53 1.46 0.00	40.80 1.05 0.00	30.82 0.72 0.00	30.46 0.83 0.00	29.29 0.77 0.00
RUSSELL____3 23549	43.07 2.32 0.00	37.66 1.32 0.00	36.29 0.92 0.00	34.07 0.65 0.00	35.07 0.21 0.00	28.95 0.34 0.00	25.73 0.43 0.00	32.42 1.18 0.00	37.46 1.38 0.00	40.41 1.81 0.00	41.03 2.08 0.00	42.18 2.09 0.00	42.65 2.28 0.00	47.77 1.99 0.00	64.27 2.48 0.00	46.67 1.65 0.00	51.57 1.86 0.00	44.61 1.77 0.00	38.05 1.35 0.00	43.53 1.46 0.00	40.80 1.05 0.00	30.82 0.72 0.00	30.46 0.83 0.00	29.29 0.77 0.00
RUSSELL____4 23556	43.07 2.32 0.00	37.66 1.32 0.00	36.29 0.92 0.00	34.07 0.65 0.00	35.07 0.21 0.00	28.95 0.34 0.00	25.73 0.43 0.00	32.42 1.18 0.00	37.46 1.38 0.00	40.41 1.81 0.00	41.03 2.08 0.00	42.18 2.09 0.00	42.65 2.28 0.00	47.77 1.99 0.00	64.27 2.48 0.00	46.67 1.65 0.00	51.57 1.86 0.00	44.61 1.77 0.00	38.05 1.35 0.00	43.53 1.46 0.00	40.80 1.05 0.00	30.82 0.72 0.00	30.46 0.83 0.00	29.29 0.77 0.00
RUSSELL____STATION 23914	43.07 2.32 0.00	37.66 1.32 0.00	36.29 0.92 0.00	34.07 0.65 0.00	35.07 0.21 0.00	28.95 0.34 0.00	25.73 0.43 0.00	32.42 1.18 0.00	37.46 1.38 0.00	40.41 1.81 0.00	41.03 2.08 0.00	42.18 2.09 0.00	42.65 2.28 0.00	47.77 1.99 0.00	64.27 2.48 0.00	46.67 1.65 0.00	51.57 1.86 0.00	44.61 1.77 0.00	38.05 1.35 0.00	43.53 1.46 0.00	40.80 1.05 0.00	30.82 0.72 0.00	30.46 0.83 0.00	29.29 0.77 0.00
S SALMON____HYD 24043	43.02 0.78 -1.48	37.27 0.43 -0.50	35.89 0.29 -0.23	34.16 0.19 -0.55	37.54 0.10 -2.59	29.64 0.14 -0.88	25.52 0.22 0.00	32.07 0.47 -0.35	36.97 0.53 -0.36	42.71 0.65 -3.45	43.28 0.78 -3.55	44.60 0.67 -3.84	41.56 0.47 -0.72	51.49 0.53 -5.18	65.48 0.81 -2.88	47.76 0.56 -2.18	56.22 0.37 -6.14	47.76 0.44 -4.49	40.39 0.65 -3.04	47.10 0.72 -4.30	44.25 0.71 -3.80	32.06 0.59 -1.37	31.50 0.53 -1.33	29.92 0.43 -0.97
S.PERRY__115KV_TB1 80734	44.31 3.55 0.00	39.02 2.68 0.00	37.57 2.21 0.00	35.28 1.86 0.00	36.33 1.47 0.00	30.05 1.44 0.00	26.70 1.41 0.00	33.41 2.17 0.00	37.75 1.68 0.00	40.14 1.53 0.00	39.97 1.01 0.00	40.98 0.89 0.00	41.51 1.14 0.00	46.19 0.41 0.00	62.12 0.32 0.00	44.97 -0.05 0.00	49.40 -0.31 0.00	43.15 0.32 0.00	36.99 0.28 0.00	42.43 0.35 0.00	40.18 0.44 0.00	30.44 0.34 0.00	30.76 1.13 0.00	30.33 1.80 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.16 2.41 0.00	37.46 1.12 0.00	36.01 0.64 0.00	33.76 0.34 0.00	34.52 -0.34 0.00	28.56 -0.06 0.00	25.39 0.08 0.00	32.21 0.97 0.00	37.14 1.07 0.00	40.27 1.67 0.00	40.98 2.03 0.00	42.10 2.01 0.00	42.42 2.05 0.00	47.07 1.29 0.00	63.12 1.33 0.00	45.70 0.68 0.00	50.49 0.78 0.00	43.54 0.70 0.00	37.19 0.49 0.00	42.54 0.47 0.00	39.90 0.13 -0.02	30.15 0.04 0.00	30.01 0.38 0.00	28.97 0.45 0.00
SAWYER____23_KV_LOAD 55526	43.16 2.41 0.00	37.46 1.12 0.00	36.01 0.64 0.00	33.76 0.34 0.00	34.52 -0.34 0.00	28.56 -0.06 0.00	25.39 0.08 0.00	32.21 0.97 0.00	37.14 1.07 0.00	40.27 1.67 0.00	40.98 2.03 0.00	42.10 2.01 0.00	42.42 2.05 0.00	47.07 1.29 0.00	63.12 1.33 0.00	45.70 0.68 0.00	50.49 0.78 0.00	43.54 0.70 0.00	37.19 0.49 0.00	42.54 0.47 0.00	39.90 0.13 -0.02	30.15 0.04 0.00	30.01 0.38 0.00	28.97 0.45 0.00

SELKIRK___I 23801	42.06 1.31 0.00	37.67 1.33 0.00	36.80 1.43 0.00	34.73 1.32 0.00	36.14 1.28 0.00	29.58 0.96 0.00	26.48 0.80 -0.38	34.61 1.11 -2.27	37.15 1.08 0.00	39.51 0.90 0.00	39.58 0.63 0.00	40.60 0.51 0.00	40.89 0.52 0.00	46.63 0.85 0.00	63.28 1.49 0.00	46.09 1.07 0.00	50.33 0.61 0.00	46.92 0.53 -3.56	39.93 0.61 -2.63	42.96 0.88 0.00	40.62 0.88 0.00	30.92 0.82 0.00	30.49 0.86 0.00	29.37 0.84 0.00
SELKIRK___II 23799	41.73 0.98 0.00	37.40 1.06 0.00	36.52 1.16 0.00	34.46 1.04 0.00	35.84 0.98 0.00	29.35 0.73 0.00	26.35 0.64 -0.41	34.64 0.96 -2.44	37.15 1.08 0.00	39.58 0.97 0.00	39.56 0.61 0.00	40.59 0.50 0.00	40.89 0.52 0.00	46.47 0.69 0.00	62.83 1.04 0.00	45.76 0.74 0.00	50.28 0.57 0.00	46.85 0.45 -3.56	39.78 0.45 -2.63	42.67 0.59 0.00	40.33 0.58 0.00	30.69 0.59 0.00	30.31 0.68 0.00	29.24 0.71 0.00
SENECA OSWGO___HYD 24041	42.82 -0.02 -2.09	36.82 -0.23 -0.70	35.37 -0.32 -0.32	33.82 -0.37 -0.77	37.97 -0.52 -3.63	29.48 -0.38 -1.24	25.04 -0.26 0.00	31.65 -0.09 -0.50	36.50 -0.09 -0.51	43.49 0.03 -4.85	44.03 0.08 -4.99	45.60 0.12 -5.40	41.45 0.07 -1.01	53.01 -0.05 -7.29	66.93 1.18 -3.95	50.32 0.36 -4.94	58.39 0.05 -8.63	49.27 0.12 -6.31	41.13 0.15 -4.27	48.22 0.11 -6.04	45.10 0.01 -5.34	31.98 -0.05 -1.93	31.42 -0.08 -1.87	29.76 -0.12 -1.36
SENECA___115KV_TB3 355854	43.74 2.99 0.00	37.95 1.61 0.00	36.46 1.10 0.00	34.20 0.78 0.00	34.99 0.13 0.00	28.96 0.34 0.00	25.74 0.44 0.00	32.69 1.45 0.00	37.79 1.72 0.00	41.01 2.40 0.00	41.73 2.78 0.00	42.94 2.85 0.00	43.28 2.91 0.00	48.01 2.23 0.00	64.46 2.67 0.00	46.66 1.64 0.00	51.58 1.87 0.00	44.46 1.63 0.00	37.99 1.29 0.00	43.39 1.32 0.00	40.73 0.97 -0.01	30.72 0.62 0.00	30.55 0.92 0.00	29.45 0.93 0.00
SENECA___ENERGY 23797	42.99 1.40 -0.83	37.40 0.78 -0.28	36.02 0.53 -0.13	34.12 0.40 -0.31	36.41 0.10 -1.44	29.34 0.23 -0.49	25.65 0.35 0.00	32.30 0.86 -0.20	37.27 1.00 -0.20	41.81 1.27 -1.93	42.38 1.44 -1.99	43.77 1.54 -2.15	42.37 1.60 -0.40	50.22 1.55 -2.90	69.01 2.12 -5.09	49.30 1.45 -2.83	54.58 1.44 -3.43	46.82 1.48 -2.51	39.71 1.31 -1.70	45.78 1.30 -2.40	42.91 1.04 -2.12	31.59 0.72 -0.77	31.07 0.69 -0.74	29.59 0.53 -0.54
SHOEMAKER___GT 23640	42.50 1.75 0.00	37.80 1.45 0.00	36.75 1.38 0.00	34.61 1.20 0.00	35.97 1.11 0.00	29.59 0.97 0.00	24.06 1.01 2.26	19.19 1.48 13.54	38.04 1.97 0.00	40.74 2.13 0.00	41.18 2.23 0.00	42.54 2.45 0.00	43.01 2.64 0.00	48.63 2.85 0.00	65.63 3.84 0.00	47.91 2.89 0.00	53.11 3.40 0.00	-9.57 2.91 55.32	-1.61 2.31 40.62	44.61 2.54 0.00	42.08 2.33 0.00	31.81 1.71 0.00	31.18 1.55 0.00	29.99 1.47 0.00
SHOEMAKR_138KV_BK 111 55601	42.46 1.70 0.00	37.76 1.42 0.00	36.72 1.35 0.00	34.58 1.16 0.00	35.94 1.08 0.00	29.56 0.95 0.00	24.15 0.99 2.15	19.83 1.46 12.87	38.03 1.95 0.00	40.74 2.13 0.00	41.19 2.24 0.00	42.56 2.47 0.00	43.01 2.64 0.00	48.63 2.85 0.00	65.65 3.86 0.00	47.92 2.91 0.00	53.12 3.41 0.00	-37.93 2.92 83.68	-22.52 2.31 61.55	44.59 2.52 0.00	42.05 2.31 0.00	31.79 1.69 0.00	31.16 1.53 0.00	29.97 1.45 0.00
SHOREHAM_IC_1 23715	47.37 2.74 -3.88	38.56 2.22 0.00	37.44 2.08 0.00	35.11 1.69 0.00	36.43 1.57 0.00	30.02 1.40 0.00	29.42 1.55 -2.58	48.97 2.27 -15.45	39.18 3.11 0.00	43.39 3.52 -1.27	64.64 4.06 -21.63	207.75 4.61 -163.05	210.39 4.79 -165.24	270.75 5.12 -219.84	245.42 6.61 -177.02	257.47 4.95 -207.50	265.31 5.60 -210.00	260.17 5.02 -212.32	268.50 4.08 -227.72	254.36 4.40 -207.89	297.18 4.05 -253.39	71.82 2.83 -38.89	32.90 2.63 -0.64	33.83 2.53 -2.78
SHOREHAM_IC_2 23716	47.37 2.74 -3.88	38.56 2.22 0.00	37.44 2.08 0.00	35.11 1.69 0.00	36.43 1.57 0.00	30.02 1.40 0.00	29.42 1.55 -2.58	48.97 2.27 -15.45	39.18 3.11 0.00	43.39 3.52 -1.27	64.64 4.06 -21.63	207.75 4.61 -163.05	210.39 4.79 -165.24	270.75 5.12 -219.84	245.42 6.61 -177.02	257.47 4.95 -207.50	265.31 5.60 -210.00	260.17 5.02 -212.32	268.50 4.08 -227.72	254.36 4.40 -207.89	297.18 4.05 -253.39	71.82 2.83 -38.89	32.90 2.63 -0.64	33.83 2.53 -2.78
SISSONVILLE___ 23735	40.09 -0.85 -0.19	35.67 -0.73 -0.06	34.61 -0.79 -0.03	32.85 -0.65 -0.07	34.85 -0.35 -0.34	28.47 -0.26 -0.12	25.05 -0.25 0.00	30.42 -0.87 -0.05	34.48 -1.64 -0.05	37.14 -1.91 -0.45	37.53 -1.89 -0.46	38.26 -2.33 -0.50	37.89 -2.57 -0.09	43.77 -2.69 -0.67	58.18 -3.87 -0.26	42.57 -2.66 -0.22	47.65 -2.86 -0.80	40.74 -2.68 -0.58	35.00 -2.09 -0.39	40.57 -2.06 -0.56	38.48 -1.76 -0.49	29.12 -1.16 -0.18	28.82 -0.99 -0.17	27.86 -0.79 -0.13
SITHE_IND_GS1 24169	34.01 -0.69 6.05	33.51 -0.79 2.04	33.58 -0.86 0.93	30.33 -0.85 2.24	23.31 -1.01 10.54	24.22 -0.79 3.60	24.66 -0.64 0.00	29.18 -0.62 1.45	33.88 -0.70 1.49	23.85 -0.67 14.08	23.85 -0.62 14.48	23.83 -0.61 15.65	36.82 -0.60 2.94	23.85 -0.79 21.13	24.30 -1.08 36.42	23.96 -0.82 20.23	23.80 -0.88 25.03	23.83 -0.70 18.30	23.73 -0.58 12.38	23.82 -0.74 17.52	23.48 -0.77 15.49	23.89 -0.62 5.59	23.59 -0.62 5.43	23.95 -0.63 3.94
SITHE_IND_GS2 24170	34.01 -0.69 6.05	33.51 -0.79 2.04	33.58 -0.86 0.93	30.33 -0.85 2.24	23.31 -1.01 10.54	24.22 -0.79 3.60	24.66 -0.64 0.00	29.18 -0.62 1.45	33.88 -0.70 1.49	23.85 -0.67 14.08	23.85 -0.62 14.48	23.83 -0.61 15.65	36.82 -0.60 2.94	23.85 -0.79 21.13	24.30 -1.08 36.42	23.96 -0.82 20.23	23.80 -0.88 25.03	23.83 -0.70 18.30	23.73 -0.58 12.38	23.82 -0.74 17.52	23.48 -0.77 15.49	23.89 -0.62 5.59	23.59 -0.62 5.43	23.95 -0.63 3.94
SITHE_IND_GS3 24171	34.01 -0.69 6.05	33.51 -0.79 2.04	33.58 -0.86 0.93	30.33 -0.85 2.24	23.31 -1.01 10.54	24.22 -0.79 3.60	24.66 -0.64 0.00	29.18 -0.62 1.45	33.88 -0.70 1.49	23.85 -0.67 14.08	23.85 -0.62 14.48	23.83 -0.61 15.65	36.82 -0.60 2.94	23.85 -0.79 21.13	24.30 -1.08 36.42	23.96 -0.82 20.23	23.80 -0.88 25.03	23.83 -0.70 18.30	23.73 -0.58 12.38	23.82 -0.74 17.52	23.48 -0.77 15.49	23.89 -0.62 5.59	23.59 -0.62 5.43	23.95 -0.63 3.94
SITHE_IND_GS4 24172	34.01 -0.69 6.05	33.51 -0.79 2.04	33.58 -0.86 0.93	30.33 -0.85 2.24	23.31 -1.01 10.54	24.22 -0.79 3.60	24.66 -0.64 0.00	29.18 -0.62 1.45	33.88 -0.70 1.49	23.85 -0.67 14.08	23.85 -0.62 14.48	23.83 -0.61 15.65	36.82 -0.60 2.94	23.85 -0.79 21.13	24.30 -1.08 36.42	23.96 -0.82 20.23	23.80 -0.88 25.03	23.83 -0.70 18.30	23.73 -0.58 12.38	23.82 -0.74 17.52	23.48 -0.77 15.49	23.89 -0.62 5.59	23.59 -0.62 5.43	23.95 -0.63 3.94
SITHE___BATAVIA 24024	44.25 3.50 0.00	38.42 2.08 0.00	36.91 1.55 0.00	34.58 1.17 0.00	35.44 0.58 0.00	29.31 0.70 0.00	26.11 0.81 0.00	33.09 1.85 0.00	38.11 2.04 0.00	41.25 2.64 0.00	41.85 2.90 0.00	42.95 2.85 0.00	43.33 2.96 0.00	48.40 2.63 0.00	65.04 3.25 0.00	47.19 2.17 0.00	52.17 2.46 0.00	45.31 2.48 0.00	38.53 1.82 0.00	44.04 1.96 0.00	41.39 1.64 0.00	31.32 1.22 0.00	31.03 1.40 0.00	29.88 1.36 0.00

SITHE___INDEPEND 23800	34.01 -0.69 6.05	33.51 -0.79 2.04	33.58 -0.86 0.93	30.33 -0.85 2.24	23.31 -1.01 10.54	24.22 -0.79 3.60	24.66 -0.64 0.00	29.18 -0.62 1.45	33.88 -0.70 1.49	23.85 -0.68 14.08	23.84 -0.62 14.48	23.82 -0.62 15.65	36.82 -0.60 2.94	23.85 -0.79 21.13	24.29 -1.08 36.42	23.96 -0.82 20.23	23.80 -0.88 25.03	23.83 -0.70 18.30	23.73 -0.59 12.38	23.82 -0.73 17.52	23.48 -0.77 15.49	23.89 -0.62 5.59	23.59 -0.62 5.43	23.95 -0.63 3.94
SITHE___MASSENA 23902	39.72 -1.03 0.00	35.50 -0.85 0.00	34.50 -0.87 0.00	32.71 -0.71 0.00	34.44 -0.42 0.00	28.28 -0.34 0.00	24.96 -0.34 0.00	30.39 -0.85 0.00	34.77 -1.30 0.00	37.10 -1.50 0.00	37.48 -1.47 0.00	38.40 -1.70 0.00	38.51 -1.86 0.00	43.85 -1.93 0.00	59.19 -2.61 0.00	43.21 -1.81 0.00	47.73 -1.98 0.00	40.94 -1.89 0.00	35.15 -1.55 0.00	40.57 -1.50 0.00	38.46 -1.28 0.00	29.17 -0.93 0.00	28.81 -0.82 0.00	27.79 -0.73 0.00
SITHE___OGDNSBRG 24021	40.47 -0.28 0.00	36.13 -0.21 0.00	35.07 -0.29 0.00	33.24 -0.18 0.00	35.04 0.18 0.00	28.79 0.17 0.00	25.44 0.13 0.00	30.88 -0.36 0.00	35.13 -0.94 0.00	37.33 -1.27 0.00	37.71 -1.25 0.00	38.47 -1.62 0.00	38.44 -1.93 0.00	43.71 -2.07 0.00	58.97 -2.82 0.00	43.05 -1.97 0.00	47.85 -1.86 0.00	40.82 -2.01 0.00	35.42 -1.28 0.00	41.06 -1.02 0.00	38.94 -0.81 0.00	29.57 -0.53 0.00	29.22 -0.42 0.00	28.19 -0.33 0.00
SITHE___STERLING 23777	43.13 2.04 -0.34	38.07 1.61 -0.12	36.87 1.45 -0.05	34.84 1.30 -0.13	36.72 1.27 -0.60	29.90 1.08 -0.20	26.19 0.89 0.00	32.50 1.18 -0.08	37.51 1.36 -0.08	40.91 1.51 -0.79	41.44 1.67 -0.82	42.64 1.66 -0.88	42.17 1.64 -0.17	48.82 1.85 -1.19	65.87 2.49 -1.60	47.85 1.87 -0.96	53.44 2.31 -1.41	45.84 1.98 -1.03	39.21 1.81 -0.70	45.10 2.04 -0.99	42.57 1.95 -0.87	31.84 1.43 -0.32	31.28 1.34 -0.31	30.13 1.39 -0.22
SLEIGHT___34_KV_TB1 80719	42.44 1.46 -0.23	37.14 0.72 -0.08	35.83 0.43 -0.04	33.75 0.24 -0.09	35.15 -0.11 -0.40	28.81 0.06 -0.14	25.52 0.21 0.00	32.10 0.80 -0.06	37.07 0.94 -0.06	40.42 1.28 -0.54	41.02 1.52 -0.55	42.26 1.57 -0.60	42.16 1.68 -0.11	48.06 1.48 -0.81	65.19 1.95 -1.44	47.13 1.31 -0.81	52.07 1.41 -0.95	44.92 1.39 -0.70	38.32 1.14 -0.47	43.87 1.13 -0.67	41.15 0.81 -0.59	30.87 0.55 -0.21	30.40 0.56 -0.21	29.10 0.42 -0.15
SOUTH CAIRO___GT 23612	43.98 3.23 0.00	39.29 2.94 0.00	38.32 2.95 0.00	36.11 2.69 0.00	37.56 2.70 0.00	30.72 2.11 0.00	27.10 1.80 0.00	33.62 2.38 0.00	38.56 2.49 0.00	40.71 2.11 0.00	40.62 1.67 0.00	41.73 1.63 0.00	42.19 1.82 0.00	48.81 3.03 0.00	65.69 3.90 0.00	48.44 3.43 0.00	52.14 2.42 0.00	48.35 1.84 -3.67	41.50 2.09 -2.71	44.96 2.88 0.00	42.62 2.88 0.00	32.40 2.30 0.00	31.90 2.26 0.00	30.63 2.10 0.00
SOUTH HAMPTN___IC 23720	47.75 3.12 -3.88	38.92 2.58 0.00	37.78 2.41 0.00	35.38 1.96 0.00	36.73 1.87 0.00	30.25 1.63 0.00	29.68 1.80 -2.58	49.44 2.75 -15.45	39.94 3.86 0.00	44.28 4.43 -1.24	65.52 5.04 -21.53	204.15 5.67 -158.38	206.72 5.89 -160.46	266.82 6.28 -214.75	246.48 8.20 -176.49	257.63 6.13 -206.48	266.76 7.07 -209.98	256.52 6.23 -207.45	264.31 5.09 -222.52	250.27 5.45 -202.74	298.74 5.03 -253.96	73.50 3.53 -39.87	33.59 3.29 -0.67	34.63 3.20 -2.91
SOUTHDOW___115KV_TB1 355954	45.13 4.38 0.00	39.16 2.82 0.00	37.60 2.24 0.00	35.30 1.89 0.00	36.28 1.42 0.00	30.04 1.42 0.00	26.72 1.42 0.00	33.94 2.70 0.00	39.35 3.28 0.00	42.89 4.28 0.00	43.61 4.66 0.00	45.02 4.92 0.00	45.29 4.92 0.00	49.49 3.71 0.00	66.55 4.76 0.00	48.21 3.19 0.00	53.33 3.62 0.00	45.97 3.14 0.00	39.47 2.76 0.00	45.12 3.05 0.00	42.89 3.14 -0.01	32.17 2.07 0.00	31.81 2.18 0.00	30.61 2.09 0.00
SOUTHOLD_69_KV_BK 2 55809	47.88 3.25 -3.88	39.08 2.74 0.00	37.90 2.54 0.00	35.41 1.99 0.00	36.80 1.94 0.00	30.28 1.67 0.00	29.78 1.90 -2.58	49.85 3.16 -15.45	40.73 4.65 0.00	45.25 5.40 -1.24	66.50 6.02 -21.53	205.31 6.77 -158.45	207.71 6.81 -160.53	267.38 6.78 -214.82	247.22 8.93 -176.49	258.11 6.60 -206.50	267.35 7.67 -209.98	257.26 6.89 -207.54	264.91 5.61 -222.60	250.80 5.96 -202.76	299.10 5.55 -253.81	73.81 3.88 -39.82	33.88 3.58 -0.67	35.35 3.92 -2.90
SOUTHOLD___IC 23719	47.88 3.25 -3.88	39.08 2.74 0.00	37.90 2.54 0.00	35.41 1.99 0.00	36.80 1.94 0.00	30.28 1.66 0.00	29.78 1.90 -2.58	49.85 3.16 -15.45	40.73 4.66 0.00	45.24 5.40 -1.24	66.51 6.02 -21.53	205.31 6.77 -158.45	207.71 6.81 -160.53	267.38 6.78 -214.82	247.21 8.93 -176.49	258.10 6.59 -206.50	267.36 7.67 -209.98	257.27 6.88 -207.55	264.92 5.61 -222.60	250.80 5.97 -202.76	299.11 5.55 -253.81	73.81 3.88 -39.82	33.88 3.58 -0.67	35.35 3.92 -2.90
SOUTH_FORK_WT_PWR 323839	47.36 2.73 -3.88	38.71 2.37 0.00	37.53 2.17 0.00	35.00 1.58 0.00	36.42 1.55 0.00	29.94 1.32 0.00	29.52 1.64 -2.58	49.67 2.98 -15.45	40.72 4.65 0.00	45.25 5.41 -1.24	66.48 6.00 -21.53	205.30 6.79 -158.41	207.96 7.10 -160.49	267.87 7.31 -214.79	247.85 9.57 -176.49	258.54 7.03 -206.49	267.88 8.20 -209.98	257.77 7.44 -207.50	265.37 6.11 -222.56	251.34 6.52 -202.75	299.76 6.12 -253.89	74.30 4.34 -39.85	34.34 4.04 -0.67	35.50 4.08 -2.91
SPIERFLS_115KV_TB 1 80737	43.40 2.65 0.00	38.69 2.35 0.00	37.57 2.20 0.00	35.41 1.99 0.00	36.82 1.96 0.00	30.30 1.68 0.00	27.38 1.69 -0.39	35.93 2.33 -2.36	38.75 2.67 0.00	41.29 2.69 0.00	41.15 2.20 0.00	42.14 2.05 0.00	42.37 2.00 0.00	48.08 2.30 0.00	65.47 3.68 0.00	47.54 2.52 0.00	52.40 2.69 0.00	48.99 2.78 -3.37	41.77 2.58 -2.49	44.96 2.88 0.00	42.44 2.69 0.00	32.17 2.08 0.00	31.56 1.93 0.00	30.36 1.84 0.00
ST LAWRENCE____ 23600	39.56 -1.19 0.00	35.37 -0.97 0.00	34.40 -0.97 0.00	32.61 -0.81 0.00	34.30 -0.56 0.00	28.16 -0.46 0.00	24.84 -0.45 0.00	30.31 -0.94 0.00	34.77 -1.30 0.00	37.13 -1.47 0.00	37.50 -1.46 0.00	38.47 -1.62 0.00	38.61 -1.76 0.00	44.03 -1.75 0.00	59.34 -2.45 0.00	43.32 -1.69 0.00	47.82 -1.89 0.00	41.06 -1.77 0.00	35.20 -1.50 0.00	40.58 -1.50 0.00	38.45 -1.30 0.00	29.13 -0.97 0.00	28.76 -0.87 0.00	27.73 -0.80 0.00
STATE_CA_115KV_115_LB 55624	42.10 1.35 0.00	37.67 1.33 0.00	36.79 1.42 0.00	34.69 1.27 0.00	36.08 1.22 0.00	29.55 0.94 0.00	26.53 0.82 -0.42	34.95 1.20 -2.51	37.42 1.35 0.00	39.95 1.34 0.00	40.07 1.12 0.00	41.18 1.09 0.00	41.49 1.11 0.00	47.19 1.41 0.00	63.88 2.08 0.00	46.41 1.39 0.00	50.99 1.28 0.00	47.63 1.18 -3.62	40.40 1.03 -2.67	43.29 1.21 0.00	40.88 1.13 0.00	31.03 0.94 0.00	30.52 0.89 0.00	29.37 0.85 0.00
STATE_ST_34_KV_LOAD 55959	43.09 1.38 -0.96	37.51 0.84 -0.33	36.19 0.67 -0.15	34.34 0.56 -0.36	36.82 0.28 -1.68	29.60 0.41 -0.57	25.76 0.46 0.00	32.39 0.92 -0.23	37.34 1.03 -0.24	41.95 1.10 -2.24	42.56 1.31 -2.30	44.03 1.44 -2.49	42.29 1.45 -0.47	50.47 1.33 -3.36	69.80 2.11 -5.90	49.84 1.54 -3.28	55.27 1.57 -3.98	47.28 1.54 -2.91	40.20 1.53 -1.97	46.26 1.40 -2.79	43.39 1.18 -2.46	31.88 0.89 -0.89	31.35 0.85 -0.86	29.74 0.59 -0.63

STATION 5_MISC_HYD 23604	42.76 2.01 0.00	37.41 1.07 0.00	36.07 0.70 0.00	33.88 0.45 0.00	34.87 0.00 0.00	28.78 0.17 0.00	25.58 0.28 0.00	32.22 0.98 0.00	37.20 1.13 0.00	40.15 1.55 0.00	40.76 1.81 0.00	41.89 1.80 0.00	42.33 1.96 0.00	47.41 1.63 0.00	63.76 1.97 0.00	46.28 1.27 0.00	51.14 1.43 0.00	44.24 1.41 0.00	37.73 1.03 0.00	43.15 1.08 0.00	40.46 0.72 0.00	30.58 0.49 0.00	30.25 0.62 0.00	29.10 0.58 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.04 2.04 -0.25	37.62 1.19 -0.08	36.26 0.85 -0.04	34.14 0.63 -0.09	35.59 0.30 -0.43	29.15 0.39 -0.15	25.80 0.50 0.00	32.51 1.21 -0.06	37.56 1.43 -0.06	41.01 1.83 -0.57	41.60 2.06 -0.59	42.84 2.12 -0.64	42.74 2.25 -0.12	48.80 2.16 -0.86	66.18 2.85 -1.54	47.74 1.87 -0.86	52.83 2.10 -1.02	45.53 1.96 -0.74	38.80 1.59 -0.50	44.46 1.67 -0.71	41.70 1.32 -0.63	31.24 0.92 -0.23	30.79 0.94 -0.22	29.49 0.81 -0.16
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.46 1.71 0.00	37.17 0.83 0.00	35.84 0.47 0.00	33.67 0.25 0.00	34.68 -0.19 0.00	28.62 0.01 0.00	25.45 0.15 0.00	32.03 0.78 0.00	37.01 0.94 0.00	39.95 1.34 0.00	40.53 1.58 0.00	41.67 1.58 0.00	42.13 1.76 0.00	47.21 1.44 0.00	63.55 1.75 0.00	46.14 1.12 0.00	50.97 1.26 0.00	44.06 1.23 0.00	37.60 0.90 0.00	43.01 0.94 0.00	40.32 0.57 0.00	30.47 0.36 0.00	30.10 0.47 0.00	28.95 0.43 0.00
STA_56____34_KV_BUS2 355983	42.46 1.71 0.00	37.17 0.83 0.00	35.84 0.47 0.00	33.67 0.25 0.00	34.68 -0.19 0.00	28.62 0.01 0.00	25.45 0.15 0.00	32.03 0.78 0.00	37.01 0.94 0.00	39.95 1.34 0.00	40.53 1.58 0.00	41.67 1.58 0.00	42.13 1.76 0.00	47.21 1.44 0.00	63.55 1.75 0.00	46.14 1.12 0.00	50.97 1.26 0.00	44.06 1.23 0.00	37.60 0.90 0.00	43.01 0.94 0.00	40.32 0.57 0.00	30.47 0.36 0.00	30.10 0.47 0.00	28.95 0.43 0.00
STA_67____115KV_BK2 355882	42.63 1.88 0.00	37.31 0.96 0.00	35.97 0.60 0.00	33.78 0.36 0.00	34.77 -0.09 0.00	28.71 0.10 0.00	25.51 0.21 0.00	32.13 0.89 0.00	37.10 1.03 0.00	40.03 1.42 0.00	40.61 1.66 0.00	41.75 1.66 0.00	42.19 1.82 0.00	47.22 1.44 0.00	63.51 1.72 0.00	46.10 1.08 0.00	50.93 1.22 0.00	44.03 1.20 0.00	37.59 0.88 0.00	43.01 0.93 0.00	40.33 0.58 0.00	30.49 0.38 0.00	30.16 0.53 0.00	29.02 0.50 0.00
STA_7____115KV_9TRANS 80674	43.07 2.32 0.00	37.66 1.32 0.00	36.29 0.92 0.00	34.07 0.65 0.00	35.07 0.21 0.00	28.95 0.34 0.00	25.73 0.43 0.00	32.42 1.18 0.00	37.46 1.38 0.00	40.41 1.81 0.00	41.03 2.08 0.00	42.18 2.09 0.00	42.65 2.28 0.00	47.77 1.99 0.00	64.27 2.48 0.00	46.67 1.65 0.00	51.57 1.86 0.00	44.61 1.77 0.00	38.05 1.35 0.00	43.53 1.46 0.00	40.80 1.05 0.00	30.82 0.72 0.00	30.46 0.83 0.00	29.29 0.77 0.00
STA_82____115KV_TB1 80780	42.66 1.91 0.00	37.33 0.98 0.00	35.99 0.62 0.00	33.80 0.38 0.00	34.79 -0.07 0.00	28.72 0.10 0.00	25.53 0.23 0.00	32.13 0.89 0.00	37.12 1.05 0.00	40.05 1.44 0.00	40.63 1.68 0.00	41.76 1.66 0.00	42.19 1.82 0.00	47.25 1.47 0.00	63.56 1.77 0.00	46.13 1.12 0.00	50.97 1.26 0.00	44.06 1.23 0.00	37.60 0.90 0.00	43.03 0.95 0.00	40.35 0.60 0.00	30.51 0.40 0.00	30.18 0.55 0.00	29.04 0.51 0.00
STEEL____WIND 323596	43.70 2.95 0.00	37.90 1.56 0.00	36.42 1.05 0.00	34.16 0.74 0.00	34.95 0.09 0.00	28.92 0.31 0.00	25.71 0.40 0.00	32.65 1.41 0.00	37.72 1.66 0.00	40.93 2.33 0.00	41.69 2.74 0.00	42.90 2.81 0.00	43.20 2.83 0.00	47.94 2.16 0.00	64.35 2.56 0.00	46.58 1.56 0.00	51.50 1.78 0.00	44.43 1.59 0.00	37.95 1.25 0.00	43.34 1.26 0.00	40.66 0.91 -0.01	30.68 0.58 0.00	30.50 0.87 0.00	29.42 0.90 0.00
STEPHTWN_115KV_BK_2 55603	42.24 1.48 0.00	37.77 1.42 0.00	36.83 1.46 0.00	34.71 1.29 0.00	36.09 1.22 0.00	29.58 0.96 0.00	26.64 0.91 -0.42	35.14 1.35 -2.54	37.58 1.51 0.00	40.03 1.43 0.00	40.23 1.28 0.00	41.33 1.24 0.00	41.62 1.25 0.00	47.52 1.74 0.00	64.18 2.39 0.00	46.59 1.57 0.00	51.17 1.46 0.00	47.78 1.26 -3.69	40.55 1.13 -2.72	43.43 1.35 0.00	41.03 1.29 0.00	31.14 1.04 0.00	30.69 1.05 0.00	29.50 0.98 0.00
STEUBEN_REC_LFGE 323667	44.41 3.35 -0.31	38.60 2.15 -0.10	37.12 1.71 -0.05	34.94 1.41 -0.11	36.45 1.05 -0.54	29.89 1.09 -0.19	26.43 1.13 0.00	33.46 2.14 -0.07	38.56 2.42 -0.07	42.30 2.98 -0.71	42.62 2.93 -0.74	44.01 3.12 -0.80	43.72 3.20 -0.15	49.77 2.91 -1.08	67.45 3.75 -1.91	48.05 1.97 -1.06	53.46 2.47 -1.28	46.30 2.53 -0.94	39.66 2.33 -0.63	45.52 2.56 -0.90	42.74 2.20 -0.79	31.88 1.49 -0.29	31.58 1.67 -0.28	30.36 1.63 -0.20
STILLWATER____SOLAR 323814	43.25 2.50 0.00	38.57 2.22 0.00	37.50 2.13 0.00	35.35 1.93 0.00	36.76 1.90 0.00	30.18 1.56 0.00	27.21 1.51 -0.40	35.72 2.06 -2.42	38.45 2.38 0.00	41.04 2.43 0.00	41.10 2.15 0.00	42.15 2.05 0.00	42.38 2.01 0.00	48.18 2.40 0.00	65.59 3.79 0.00	47.66 2.64 0.00	52.30 2.58 0.00	48.84 2.55 -3.47	41.49 2.23 -2.56	44.66 2.58 0.00	42.16 2.42 0.00	31.99 1.89 0.00	31.41 1.78 0.00	30.20 1.68 0.00
STONY____BROOK 24151	47.75 3.12 -3.88	38.89 2.55 0.00	37.78 2.41 0.00	35.45 2.03 0.00	36.77 1.91 0.00	30.30 1.68 0.00	29.64 1.77 -2.58	49.18 2.49 -15.45	39.36 3.29 0.00	43.68 3.69 -1.38	65.54 4.40 -22.19	232.80 4.64 -188.07	236.38 4.75 -191.26	298.14 5.13 -247.23	248.33 6.80 -179.74	262.98 5.14 -212.82	265.63 5.87 -210.05	283.71 5.03 -235.84	294.96 4.06 -254.20	287.05 4.33 -240.64	307.86 3.82 -264.29	69.60 2.69 -36.81	32.71 2.53 -0.55	33.44 2.55 -2.37
STURGEON_POOL_HYD 23609	42.60 1.86 0.00	37.84 1.50 0.00	36.78 1.41 0.00	34.61 1.19 0.00	35.94 1.08 0.00	29.58 0.97 0.00	26.37 1.07 0.00	32.90 1.66 0.00	38.45 2.38 0.00	41.31 2.71 0.00	41.86 2.91 0.00	43.40 3.31 0.00	43.93 3.56 0.00	49.63 3.85 0.00	66.81 5.02 0.00	48.84 3.82 0.00	54.26 4.55 0.00	50.48 3.80 -3.85	42.51 2.97 -2.84	45.16 3.08 0.00	42.55 2.80 0.00	32.15 2.05 0.00	31.46 1.83 0.00	30.25 1.73 0.00
ST_LAW_115_BK7_LBMP 345037	39.47 -1.28 0.00	35.29 -1.05 0.00	34.33 -1.04 0.00	32.54 -0.88 0.00	34.25 -0.61 0.00	28.12 -0.50 0.00	24.81 -0.50 0.00	30.22 -1.02 0.00	34.65 -1.42 0.00	37.00 -1.61 0.00	37.37 -1.59 0.00	38.33 -1.76 0.00	38.47 -1.91 0.00	43.86 -1.92 0.00	59.13 -2.67 0.00	43.17 -1.85 0.00	47.66 -2.05 0.00	40.91 -1.92 0.00	35.07 -1.64 0.00	40.44 -1.63 0.00	38.34 -1.41 0.00	29.06 -1.05 0.00	28.68 -0.95 0.00	27.66 -0.87 0.00
ST_LAW_115_BK8_LBMP 345038	39.47 -1.28 0.00	35.29 -1.05 0.00	34.33 -1.04 0.00	32.54 -0.88 0.00	34.25 -0.61 0.00	28.12 -0.50 0.00	24.81 -0.50 0.00	30.22 -1.02 0.00	34.65 -1.42 0.00	37.00 -1.61 0.00	37.37 -1.59 0.00	38.33 -1.76 0.00	38.47 -1.91 0.00	43.86 -1.92 0.00	59.13 -2.67 0.00	43.17 -1.85 0.00	47.66 -2.05 0.00	40.91 -1.92 0.00	35.07 -1.64 0.00	40.44 -1.63 0.00	38.34 -1.41 0.00	29.06 -1.05 0.00	28.68 -0.95 0.00	27.66 -0.87 0.00

ST_LAW_230_BK5_LBMP 345035	39.56 -1.19 0.00	35.37 -0.97 0.00	34.40 -0.97 0.00	32.61 -0.81 0.00	34.30 -0.56 0.00	28.16 -0.46 0.00	24.84 -0.45 0.00	30.31 -0.94 0.00	34.77 -1.30 0.00	37.13 -1.47 0.00	37.50 -1.46 0.00	38.47 -1.62 0.00	38.61 -1.76 0.00	44.03 -1.75 0.00	59.34 -2.45 0.00	43.32 -1.69 0.00	47.82 -1.89 0.00	41.06 -1.77 0.00	35.20 -1.50 0.00	40.58 -1.50 0.00	38.45 -1.30 0.00	29.13 -0.97 0.00	28.76 -0.87 0.00	27.73 -0.80 0.00
ST_LAW_230_BK6_LBMP 345036	39.56 -1.19 0.00	35.37 -0.97 0.00	34.40 -0.97 0.00	32.61 -0.81 0.00	34.30 -0.56 0.00	28.16 -0.46 0.00	24.84 -0.45 0.00	30.31 -0.94 0.00	34.77 -1.30 0.00	37.13 -1.47 0.00	37.50 -1.46 0.00	38.47 -1.62 0.00	38.61 -1.76 0.00	44.03 -1.75 0.00	59.34 -2.45 0.00	43.32 -1.69 0.00	47.82 -1.89 0.00	41.06 -1.77 0.00	35.20 -1.50 0.00	40.58 -1.50 0.00	38.45 -1.30 0.00	29.13 -0.97 0.00	28.76 -0.87 0.00	27.73 -0.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.60 1.85 0.00	37.87 1.53 0.00	36.82 1.45 0.00	34.65 1.23 0.00	36.01 1.15 0.00	29.64 1.02 0.00	23.76 1.09 2.63	17.06 1.60 15.77	38.26 2.19 0.00	41.03 2.43 0.00	41.54 2.59 0.00	42.95 2.86 0.00	43.42 3.05 0.00	49.06 3.28 0.00	66.24 4.45 0.00	48.41 3.39 0.00	53.64 3.93 0.00	85.59 3.37 -39.39	68.66 2.71 -29.25	44.93 2.86 0.00	42.34 2.59 0.00	31.99 1.89 0.00	31.32 1.69 0.00	30.13 1.61 0.00
SWANROAD_115KV_TB1 355699	42.44 1.69 0.00	36.81 0.47 0.00	35.38 0.01 0.00	33.17 -0.25 0.00	33.87 -0.99 0.00	28.01 -0.60 0.00	24.89 -0.41 0.00	31.59 0.35 0.00	36.32 0.25 0.00	39.32 0.72 0.00	39.99 1.03 0.00	41.01 0.91 0.00	41.15 0.78 0.00	45.68 -0.09 0.00	61.21 -0.58 0.00	44.38 -0.64 0.00	49.02 -0.69 0.00	42.28 -0.55 0.00	36.06 -0.64 0.00	41.29 -0.79 0.00	38.81 -0.94 0.00	29.45 -0.65 0.00	29.38 -0.25 0.00	28.42 -0.10 0.00
SYNERGY___BIOGAS 323694	44.25 3.50 0.00	38.42 2.08 0.00	36.91 1.55 0.00	34.58 1.17 0.00	35.44 0.58 0.00	29.31 0.70 0.00	26.11 0.81 0.00	33.09 1.85 0.00	38.11 2.04 0.00	41.25 2.64 0.00	41.85 2.90 0.00	42.95 2.85 0.00	43.33 2.96 0.00	48.40 2.63 0.00	65.04 3.25 0.00	47.19 2.17 0.00	52.17 2.46 0.00	45.31 2.48 0.00	38.53 1.82 0.00	44.04 1.96 0.00	41.39 1.64 0.00	31.32 1.22 0.00	31.03 1.40 0.00	29.88 1.36 0.00
SYRACUSE___ENERGY_ST1 323597	42.41 0.51 -1.15	36.94 0.21 -0.39	35.61 0.07 -0.18	33.86 0.01 -0.43	36.73 -0.14 -2.01	29.25 -0.05 -0.69	25.32 0.02 0.00	31.81 0.29 -0.27	36.70 0.34 -0.28	41.68 0.39 -2.68	42.19 0.48 -2.76	43.64 0.57 -2.98	41.54 0.61 -0.56	50.36 0.56 -4.03	69.73 0.84 -7.10	49.54 0.59 -3.93	55.13 0.64 -4.77	46.98 0.66 -3.49	39.68 0.61 -2.36	45.98 0.56 -3.34	43.10 0.40 -2.95	31.40 0.23 -1.07	30.86 0.19 -1.03	29.38 0.11 -0.75
SYRACUSE___ENERGY_ST2 323598	42.41 0.51 -1.15	36.94 0.21 -0.39	35.61 0.07 -0.18	33.86 0.01 -0.43	36.73 -0.14 -2.01	29.25 -0.05 -0.69	25.32 0.02 0.00	31.81 0.29 -0.27	36.70 0.34 -0.28	41.68 0.39 -2.68	42.19 0.48 -2.76	43.64 0.57 -2.98	41.54 0.61 -0.56	50.36 0.56 -4.03	69.73 0.84 -7.10	49.54 0.59 -3.93	55.13 0.64 -4.77	46.98 0.66 -3.49	39.68 0.61 -2.36	45.98 0.56 -3.34	43.10 0.40 -2.95	31.40 0.23 -1.07	30.86 0.19 -1.03	29.38 0.11 -0.75
SYRACUSE___POWER 24017	42.06 0.53 -0.78	36.82 0.22 -0.26	35.59 0.10 -0.12	33.72 0.02 -0.29	36.09 -0.12 -1.35	29.02 -0.06 -0.46	25.32 0.02 0.00	31.72 0.29 -0.18	36.65 0.39 -0.19	40.95 0.53 -1.81	41.46 0.65 -1.86	42.83 0.73 -2.01	41.54 0.79 -0.38	49.29 0.80 -2.71	67.34 1.13 -4.42	48.32 0.78 -2.53	53.81 0.88 -3.21	46.03 0.85 -2.35	39.04 0.75 -1.59	45.05 0.73 -2.25	42.30 0.56 -1.99	31.17 0.35 -0.72	30.62 0.30 -0.70	29.24 0.21 -0.50
TALLMAN___138KV_BK151 55660	42.68 1.93 0.00	37.94 1.60 0.00	36.88 1.52 0.00	34.70 1.29 0.00	36.04 1.18 0.00	29.71 1.09 0.00	22.90 1.16 3.57	11.53 1.69 21.41	38.43 2.36 0.00	41.23 2.63 0.00	41.79 2.84 0.00	43.25 3.16 0.00	43.74 3.37 0.00	49.37 3.59 0.00	66.62 4.83 0.00	48.71 3.69 0.00	54.02 4.31 0.00	74.13 3.70 -27.59	60.31 3.00 -20.61	45.24 3.17 0.00	42.60 2.85 0.00	32.16 2.06 0.00	31.47 1.84 0.00	30.28 1.76 0.00
TEALLAVE_115KV_TB7 355573	41.81 0.43 -0.63	36.69 0.13 -0.21	35.49 0.02 -0.10	33.59 -0.06 -0.23	35.75 -0.21 -1.10	28.87 -0.13 -0.37	25.26 -0.04 0.00	31.61 0.22 -0.15	36.53 0.30 -0.15	40.53 0.46 -1.46	41.04 0.58 -1.51	42.37 0.65 -1.63	41.36 0.69 -0.31	48.65 0.67 -2.20	66.07 0.95 -3.33	47.61 0.63 -1.96	53.05 0.74 -2.60	45.45 0.71 -1.90	38.61 0.62 -1.29	44.49 0.60 -1.82	41.80 0.44 -1.61	30.94 0.26 -0.58	30.42 0.22 -0.56	29.08 0.15 -0.41
TELGRAPH_34_KV_EAST 80808	43.34 2.59 0.00	37.61 1.27 0.00	36.14 0.77 0.00	33.87 0.45 0.00	34.64 -0.22 0.00	28.66 0.04 0.00	25.49 0.19 0.00	32.35 1.11 0.00	37.27 1.20 0.00	40.33 1.73 0.00	40.99 2.04 0.00	42.06 1.97 0.00	42.35 1.99 0.00	47.14 1.36 0.00	63.21 1.42 0.00	45.84 0.82 0.00	50.66 0.95 0.00	43.80 0.97 0.00	37.27 0.57 0.00	42.66 0.58 0.00	40.10 0.35 0.00	30.36 0.25 0.00	30.18 0.55 0.00	29.15 0.63 0.00
TEMPLE___115KV_TB 2 55572	41.84 0.46 -0.63	36.70 0.14 -0.21	35.50 0.04 -0.10	33.61 -0.04 -0.23	35.76 -0.19 -1.09	28.88 -0.11 -0.37	25.28 -0.02 0.00	31.64 0.24 -0.15	36.56 0.34 -0.15	40.57 0.50 -1.46	41.07 0.62 -1.50	42.41 0.69 -1.62	41.42 0.75 -0.30	48.70 0.73 -2.19	66.14 1.02 -3.33	47.66 0.69 -1.96	53.10 0.79 -2.60	45.49 0.75 -1.90	38.65 0.66 -1.28	44.53 0.64 -1.82	41.83 0.47 -1.61	30.96 0.28 -0.58	30.43 0.23 -0.56	29.09 0.16 -0.41
TIANA___69_KV_BK 1 55817	47.77 3.14 -3.88	38.91 2.57 0.00	37.78 2.41 0.00	35.40 1.98 0.00	36.74 1.88 0.00	30.27 1.65 0.00	29.67 1.79 -2.58	49.38 2.68 -15.45	39.78 3.71 0.00	44.09 4.24 -1.24	65.32 4.84 -21.53	203.95 5.43 -158.43	206.51 5.63 -160.51	266.61 6.02 -214.81	246.17 7.88 -176.49	257.41 5.90 -206.49	266.49 6.80 -209.98	256.34 5.98 -207.53	264.17 4.88 -222.59	250.07 5.24 -202.75	298.39 4.81 -253.84	73.31 3.38 -39.83	33.44 3.14 -0.67	34.48 3.05 -2.91
TILDEN___115KV_TB1 80814	42.06 0.53 -0.78	36.82 0.22 -0.26	35.59 0.10 -0.12	33.72 0.02 -0.29	36.09 -0.12 -1.35	29.02 -0.06 -0.46	25.32 0.02 0.00	31.72 0.29 -0.18	36.65 0.39 -0.19	40.95 0.53 -1.81	41.46 0.65 -1.86	42.83 0.73 -2.01	41.54 0.79 -0.38	49.29 0.80 -2.71	67.34 1.13 -4.42	48.32 0.78 -2.53	53.81 0.88 -3.21	46.03 0.85 -2.35	39.04 0.75 -1.59	45.05 0.73 -2.25	42.30 0.56 -1.99	31.17 0.35 -0.72	30.62 0.30 -0.70	29.24 0.21 -0.50
TRIGEN___CC 323695	47.36 2.73 -3.88	38.60 2.26 0.00	37.52 2.16 0.00	35.27 1.85 0.00	36.61 1.75 0.00	30.16 1.54 0.00	29.48 1.61 -2.58	48.97 2.28 -15.45	39.05 2.98 0.00	42.62 3.27 -0.75	61.93 3.76 -19.22	83.80 4.12 -39.59	102.62 4.30 -57.95	178.04 4.63 -127.63	249.94 6.21 -181.94	251.66 4.70 -201.94	270.71 5.43 -215.57	231.60 4.61 -184.16	220.52 3.71 -180.10	46.32 3.91 -0.33	43.21 3.46 0.00	32.91 2.48 -0.33	31.99 2.36 -0.01	30.77 2.25 0.00

TRINITY__115KV__4 BK 55933	41.84 1.09 0.00	37.46 1.11 0.00	36.60 1.24 0.00	34.52 1.10 0.00	35.90 1.03 0.00	29.40 0.78 0.00	26.40 0.67 -0.42	34.80 1.01 -2.55	37.18 1.11 0.00	39.66 1.05 0.00	39.75 0.80 0.00	40.85 0.76 0.00	41.13 0.76 0.00	46.78 1.00 0.00	63.28 1.49 0.00	46.04 1.02 0.00	50.60 0.89 0.00	47.32 0.81 -3.68	40.14 0.72 -2.71	42.95 0.87 0.00	40.57 0.82 0.00	30.82 0.72 0.00	30.32 0.69 0.00	29.21 0.68 0.00
UNION__PROCESSING_DRP 323587	42.67 1.92 0.00	37.34 0.99 0.00	36.00 0.63 0.00	33.81 0.39 0.00	34.80 -0.06 0.00	28.73 0.11 0.00	25.54 0.24 0.00	32.16 0.92 0.00	37.13 1.07 0.00	40.06 1.46 0.00	40.65 1.70 0.00	41.78 1.69 0.00	42.22 1.85 0.00	47.27 1.49 0.00	63.57 1.78 0.00	46.14 1.13 0.00	50.98 1.27 0.00	44.08 1.25 0.00	37.62 0.92 0.00	43.05 0.97 0.00	40.37 0.62 0.00	30.52 0.42 0.00	30.19 0.56 0.00	29.05 0.52 0.00
UPPER HUDSON__HYD 24058	43.40 2.65 0.00	38.69 2.35 0.00	37.57 2.20 0.00	35.41 1.99 0.00	36.82 1.96 0.00	30.29 1.68 0.00	27.38 1.69 -0.39	35.93 2.33 -2.36	38.75 2.67 0.00	41.29 2.69 0.00	41.15 2.20 0.00	42.14 2.05 0.00	42.37 2.00 0.00	48.07 2.30 0.00	65.45 3.66 0.00	47.54 2.52 0.00	52.40 2.69 0.00	48.98 2.78 -3.37	41.77 2.58 -2.49	44.96 2.88 0.00	42.44 2.70 0.00	32.17 2.07 0.00	31.56 1.93 0.00	30.36 1.84 0.00
UPPER RAQUET__HYD 24056	40.09 -0.85 -0.19	35.67 -0.73 -0.06	34.61 -0.79 -0.03	32.84 -0.65 -0.07	34.85 -0.35 -0.34	28.47 -0.26 -0.12	25.05 -0.25 0.00	30.42 -0.87 -0.05	34.48 -1.64 -0.05	37.15 -1.91 -0.45	37.53 -1.89 -0.46	38.26 -2.33 -0.50	37.89 -2.57 -0.09	43.76 -2.69 -0.67	58.18 -3.87 -0.26	42.57 -2.66 -0.22	47.65 -2.86 -0.80	40.73 -2.68 -0.58	35.01 -2.09 -0.39	40.57 -2.06 -0.56	38.48 -1.76 -0.49	29.12 -1.16 -0.18	28.82 -0.99 -0.17	27.86 -0.79 -0.13
VALLEY44_115KV_TB2 355964	43.33 2.58 0.00	37.76 1.42 0.00	36.38 1.01 0.00	34.18 0.76 0.00	35.22 0.36 0.00	29.17 0.56 0.00	25.95 0.65 0.00	32.82 1.58 0.00	37.95 1.88 0.00	41.05 2.45 0.00	41.51 2.56 0.00	42.69 2.60 0.00	42.99 2.62 0.00	47.77 1.99 0.00	64.22 2.43 0.00	46.43 1.42 0.00	51.35 1.64 0.00	44.44 1.61 0.00	38.09 1.38 0.00	43.51 1.44 0.00	40.77 1.02 0.00	30.73 0.63 0.00	30.54 0.90 0.00	29.50 0.98 0.00
VALLEY__115KV_TB 1-4 80826	42.03 1.28 0.00	37.45 1.11 0.00	36.43 1.06 0.00	34.34 0.92 0.00	35.70 0.84 0.00	29.28 0.67 0.00	25.92 0.62 0.00	32.12 0.88 0.00	37.00 0.93 0.00	39.63 1.03 0.00	39.88 0.93 0.00	41.13 1.04 0.00	41.52 1.15 0.00	47.15 1.37 0.00	63.92 2.13 0.00	46.23 1.22 0.00	50.91 1.20 0.00	44.21 1.38 0.00	38.05 1.35 0.00	43.53 1.45 0.00	41.01 1.27 0.00	31.03 0.93 0.00	30.52 0.89 0.00	29.34 0.82 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.05 2.10 -0.20	38.16 1.75 -0.07	37.13 1.73 -0.03	35.08 1.59 -0.07	36.74 1.54 -0.34	30.01 1.28 -0.12	26.46 1.16 0.00	32.93 1.64 -0.05	38.18 2.06 -0.05	41.40 2.34 -0.46	41.90 2.48 -0.47	43.27 2.67 -0.50	43.30 2.84 -0.09	49.49 3.03 -0.68	66.83 3.84 -1.20	48.32 2.64 -0.67	53.76 3.25 -0.81	46.36 2.94 -0.59	39.60 2.50 -0.40	45.26 2.62 -0.57	42.67 2.42 -0.50	32.00 1.72 -0.18	31.39 1.59 -0.18	30.10 1.45 -0.13
VISCHER__FERRY HYD 24020	42.56 1.81 0.00	38.02 1.68 0.00	37.03 1.66 0.00	34.91 1.49 0.00	36.31 1.45 0.00	29.74 1.12 0.00	26.82 1.08 -0.43	35.37 1.53 -2.60	37.81 1.74 0.00	40.32 1.72 0.00	40.41 1.46 0.00	41.48 1.39 0.00	41.76 1.39 0.00	47.50 1.72 0.00	64.30 2.51 0.00	46.82 1.80 0.00	51.50 1.79 0.00	48.23 1.67 -3.73	40.93 1.48 -2.75	43.83 1.76 0.00	41.37 1.62 0.00	31.43 1.33 0.00	30.86 1.23 0.00	29.71 1.19 0.00
V_A_10_SYNC_DSASP 323832	42.32 1.57 0.00	36.87 0.53 0.00	35.51 0.14 0.00	33.32 -0.10 0.00	34.17 -0.69 0.00	28.25 -0.37 0.00	25.10 -0.19 0.00	31.74 0.50 0.00	36.59 0.52 0.00	39.57 0.97 0.00	40.21 1.26 0.00	41.27 1.18 0.00	41.59 1.23 0.00	46.29 0.52 0.00	62.09 0.30 0.00	44.94 -0.07 0.00	49.64 -0.07 0.00	42.88 0.05 0.00	36.61 -0.09 0.00	41.88 -0.19 0.00	39.25 -0.49 0.00	29.76 -0.34 0.00	29.59 -0.04 0.00	28.55 0.03 0.00
V_CMM_10_SYNC_DSASP 323787	39.67 -1.08 0.00	35.45 -0.89 0.00	34.47 -0.89 0.00	32.68 -0.74 0.00	34.41 -0.45 0.00	28.25 -0.37 0.00	24.93 -0.38 0.00	30.38 -0.87 0.00	34.82 -1.25 0.00	37.18 -1.42 0.00	37.56 -1.39 0.00	38.53 -1.56 0.00	38.66 -1.70 0.00	44.11 -1.67 0.00	59.43 -2.36 0.00	43.39 -1.62 0.00	47.90 -1.81 0.00	41.11 -1.72 0.00	35.24 -1.46 0.00	40.65 -1.42 0.00	38.53 -1.22 0.00	29.19 -0.91 0.00	28.82 -0.81 0.00	27.79 -0.73 0.00
V_CMP_10_SYNC_DSASP 323788	40.85 0.10 0.00	36.48 0.14 0.00	35.42 0.06 0.00	33.54 0.12 0.00	35.29 0.43 0.00	29.00 0.39 0.00	25.66 0.36 0.00	31.38 0.14 0.00	36.03 -0.05 0.00	38.31 -0.30 0.00	38.52 -0.43 0.00	39.59 -0.50 0.00	39.84 -0.53 0.00	45.61 -0.17 0.00	60.95 -0.84 0.00	44.79 -0.22 0.00	49.28 -0.43 0.00	41.84 -0.99 0.00	35.83 -0.87 0.00	41.36 -0.71 0.00	39.32 -0.42 0.00	29.79 -0.30 0.00	29.52 -0.10 0.00	28.50 -0.03 0.00
V_D_10_SYNC_DSASP 323841	39.75 -1.00 0.00	35.51 -0.84 0.00	34.51 -0.85 0.00	32.72 -0.70 0.00	34.45 -0.41 0.00	28.29 -0.33 0.00	24.97 -0.33 0.00	30.40 -0.84 0.00	34.79 -1.29 0.00	37.12 -1.48 0.00	37.50 -1.46 0.00	38.43 -1.66 0.00	38.53 -1.84 0.00	43.90 -1.88 0.00	59.22 -2.57 0.00	43.25 -1.77 0.00	47.76 -1.96 0.00	40.97 -1.86 0.00	35.17 -1.53 0.00	40.60 -1.48 0.00	38.48 -1.26 0.00	29.18 -0.92 0.00	28.82 -0.82 0.00	27.81 -0.72 0.00
V_E_10_SYNC_DSASP 323830	45.84 4.64 -0.45	40.20 3.71 -0.15	38.88 3.45 -0.07	36.72 3.13 -0.17	38.74 3.10 -0.78	31.62 2.74 -0.27	27.90 2.60 0.00	34.92 3.57 -0.11	40.14 3.95 -0.11	43.77 4.12 -1.05	44.23 4.20 -1.07	46.16 4.90 -1.16	45.78 5.19 -0.22	52.60 5.26 -1.57	70.64 6.10 -2.75	51.38 4.84 -1.52	57.44 5.88 -1.86	49.71 5.52 -1.36	42.64 5.01 -0.92	49.06 5.68 -1.30	46.17 5.28 -1.15	34.40 3.88 -0.42	33.61 3.58 -0.40	31.91 3.10 -0.29
V_F_30_NSYNC__DSASP 323816	43.31 2.56 0.00	38.62 2.28 0.00	37.55 2.18 0.00	35.38 1.97 0.00	36.81 1.95 0.00	30.21 1.60 0.00	27.24 1.54 -0.40	35.74 2.11 -2.39	38.51 2.44 0.00	41.11 2.51 0.00	41.18 2.23 0.00	42.28 2.18 0.00	42.54 2.17 0.00	48.36 2.58 0.00	65.75 3.96 0.00	47.75 2.73 0.00	52.41 2.70 0.00	48.90 2.64 -3.43	41.56 2.33 -2.53	44.74 2.66 0.00	42.23 2.49 0.00	32.03 1.93 0.00	31.45 1.81 0.00	30.25 1.72 0.00
V_F_30_SYNC_DSASP 323786	42.10 1.35 0.00	37.67 1.32 0.00	36.79 1.42 0.00	34.69 1.27 0.00	36.07 1.22 0.00	29.55 0.93 0.00	26.53 0.82 -0.42	34.95 1.20 -2.51	37.41 1.34 0.00	39.95 1.34 0.00	40.06 1.11 0.00	41.18 1.09 0.00	41.47 1.10 0.00	47.19 1.41 0.00	63.87 2.08 0.00	46.41 1.39 0.00	50.98 1.26 0.00	47.62 1.17 -3.62	40.40 1.03 -2.67	43.29 1.21 0.00	40.88 1.13 0.00	31.03 0.94 0.00	30.52 0.89 0.00	29.37 0.85 0.00

V_XM10_SYNC_DSASP 323789	40.85 0.10 0.00	36.48 0.14 0.00	35.42 0.06 0.00	33.54 0.12 0.00	35.29 0.43 0.00	29.00 0.39 0.00	25.66 0.36 0.00	31.38 0.14 0.00	36.03 -0.05 0.00	38.31 -0.30 0.00	38.52 -0.43 0.00	39.59 -0.50 0.00	39.84 -0.53 0.00	45.61 -0.17 0.00	60.95 -0.84 0.00	44.79 -0.22 0.00	49.28 -0.43 0.00	41.84 -0.99 0.00	35.83 -0.87 0.00	41.36 -0.71 0.00	39.32 -0.42 0.00	29.79 -0.30 0.00	29.52 -0.10 0.00	28.50 -0.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.80 2.05 0.00	38.05 1.71 0.00	37.00 1.63 0.00	34.82 1.40 0.00	36.16 1.30 0.00	29.80 1.18 0.00	22.74 1.24 3.81	10.20 1.80 22.84	38.54 2.47 0.00	41.35 2.74 0.00	41.91 2.96 0.00	43.39 3.29 0.00	43.89 3.52 0.00	49.54 3.76 0.00	66.84 5.04 0.00	48.88 3.87 0.00	54.20 4.49 0.00	69.70 3.85 -23.02	57.05 3.10 -17.25	45.37 3.29 0.00	42.71 2.96 0.00	32.25 2.15 0.00	31.55 1.91 0.00	30.35 1.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.22 2.47 0.00	38.41 2.07 0.00	37.30 1.94 0.00	35.08 1.66 0.00	36.43 1.57 0.00	30.03 1.42 0.00	29.36 1.51 -2.55	48.83 2.26 -15.32	39.09 3.02 0.00	41.86 3.26 0.00	42.45 3.50 0.00	43.91 3.82 0.00	44.38 4.01 0.00	50.05 4.27 0.00	67.51 5.71 0.00	49.36 4.35 0.00	54.73 5.01 0.00	62.18 4.28 -15.07	51.00 3.37 -10.93	45.73 3.65 0.00	43.07 3.32 0.00	32.53 2.43 0.00	31.86 2.23 0.00	30.69 2.17 0.00
W50THST__13_KV_LOAD 356117	43.56 2.81 0.00	38.70 2.36 0.00	37.58 2.21 0.00	35.33 1.91 0.00	36.68 1.82 0.00	30.26 1.64 0.00	29.60 1.74 -2.55	49.14 2.58 -15.32	39.43 3.36 0.00	42.20 3.59 0.00	42.79 3.84 0.00	44.28 4.19 0.00	44.75 4.38 0.00	50.46 4.68 0.00	68.06 6.27 0.00	49.80 4.78 0.00	55.20 5.49 0.00	62.54 4.64 -15.07	51.29 3.65 -10.93	46.01 3.93 0.00	43.33 3.58 0.00	32.72 2.61 0.00	32.04 2.41 0.00	30.89 2.37 0.00
WADING RIVER_IC_1 23522	47.31 2.67 -3.88	38.50 2.16 0.00	37.39 2.03 0.00	35.07 1.65 0.00	36.38 1.52 0.00	29.98 1.36 0.00	29.39 1.52 -2.58	48.94 2.24 -15.45	39.16 3.08 0.00	43.34 3.49 -1.24	64.48 4.00 -21.53	202.73 4.56 -158.08	205.27 4.73 -160.18	265.24 5.04 -214.42	244.70 6.46 -176.44	256.30 4.88 -206.40	265.29 5.61 -209.97	254.75 4.93 -206.99	262.79 3.99 -222.10	249.08 4.28 -202.72	298.58 3.96 -254.87	73.00 2.77 -40.13	32.88 2.57 -0.68	33.96 2.50 -2.94
WADING RIVER_IC_2 23547	47.31 2.67 -3.88	38.50 2.16 0.00	37.39 2.03 0.00	35.07 1.65 0.00	36.38 1.52 0.00	29.98 1.36 0.00	29.39 1.52 -2.58	48.94 2.24 -15.45	39.16 3.08 0.00	43.34 3.49 -1.24	64.48 4.00 -21.53	202.73 4.56 -158.08	205.27 4.73 -160.18	265.24 5.04 -214.42	244.70 6.46 -176.44	256.30 4.88 -206.40	265.29 5.61 -209.97	254.75 4.93 -206.99	262.79 3.99 -222.10	249.08 4.28 -202.72	298.58 3.96 -254.87	73.00 2.77 -40.13	32.88 2.57 -0.68	33.96 2.50 -2.94
WADING RIVER_IC_3 23601	47.31 2.67 -3.88	38.50 2.16 0.00	37.39 2.03 0.00	35.07 1.65 0.00	36.38 1.52 0.00	29.98 1.36 0.00	29.39 1.52 -2.58	48.94 2.24 -15.45	39.16 3.08 0.00	43.34 3.49 -1.24	64.48 4.00 -21.53	202.73 4.56 -158.08	205.27 4.73 -160.18	265.24 5.04 -214.42	244.70 6.46 -176.44	256.30 4.88 -206.40	265.29 5.61 -209.97	254.75 4.93 -206.99	262.79 3.99 -222.10	249.08 4.28 -202.72	298.58 3.96 -254.87	73.00 2.77 -40.13	32.88 2.57 -0.68	33.96 2.50 -2.94
WALDENNY_12_KV_BK2 80841	43.76 3.01 0.00	37.96 1.62 0.00	36.48 1.11 0.00	34.20 0.78 0.00	34.98 0.12 0.00	28.95 0.33 0.00	25.74 0.44 0.00	32.70 1.46 0.00	37.78 1.71 0.00	41.02 2.41 0.00	41.75 2.80 0.00	42.98 2.89 0.00	43.28 2.91 0.00	48.04 2.26 0.00	64.50 2.71 0.00	46.71 1.70 0.00	51.64 1.93 0.00	44.47 1.64 0.00	37.98 1.28 0.00	43.39 1.32 0.00	40.73 0.97 -0.01	30.73 0.63 0.00	30.55 0.92 0.00	29.46 0.94 0.00
WALDEN__HYDRO 24148	42.93 2.18 0.00	38.14 1.80 0.00	37.07 1.70 0.00	34.88 1.46 0.00	36.22 1.36 0.00	29.82 1.20 0.00	25.80 1.26 0.76	28.50 1.83 4.57	38.53 2.46 0.00	41.30 2.70 0.00	41.81 2.85 0.00	43.24 3.15 0.00	43.74 3.37 0.00	49.45 3.67 0.00	66.74 4.95 0.00	48.77 3.75 0.00	54.06 4.35 0.00	53.74 3.69 -7.22	45.03 2.94 -5.38	45.22 3.15 0.00	42.61 2.87 0.00	32.19 2.10 0.00	31.54 1.91 0.00	30.32 1.80 0.00
WARRENSBURG____ 23737	43.40 2.65 0.00	38.69 2.35 0.00	37.57 2.20 0.00	35.41 1.99 0.00	36.82 1.96 0.00	30.29 1.68 0.00	27.38 1.69 -0.39	35.93 2.33 -2.36	38.75 2.67 0.00	41.29 2.69 0.00	41.15 2.20 0.00	42.14 2.05 0.00	42.37 2.00 0.00	48.07 2.30 0.00	65.45 3.66 0.00	47.54 2.52 0.00	52.40 2.69 0.00	48.98 2.78 -3.37	41.77 2.58 -2.49	44.96 2.88 0.00	42.44 2.70 0.00	32.17 2.07 0.00	31.56 1.93 0.00	30.36 1.84 0.00
WATERSIDE____6 8 9 23538	43.14 2.39 0.00	38.35 2.01 0.00	37.25 1.88 0.00	35.01 1.60 0.00	36.36 1.49 0.00	29.98 1.37 0.00	29.34 1.49 -2.55	48.77 2.22 -15.31	39.07 3.00 0.00	39.03 3.23 2.81	40.82 3.46 1.60	42.19 3.80 1.70	40.12 3.99 4.23	47.47 4.08 2.39	67.20 5.43 0.01	44.09 4.20 5.13	51.00 4.83 3.54	58.66 3.98 -11.85	52.72 3.12 -12.90	51.76 3.36 -6.33	45.90 3.13 -3.02	25.44 2.31 6.96	23.19 2.12 8.56	24.36 2.14 6.30
WATKINRD_115KV_LN8_ILLION 55919	41.66 0.91 0.00	37.12 0.78 0.00	36.12 0.76 0.00	34.08 0.66 0.00	35.45 0.59 0.00	29.07 0.46 0.00	25.72 0.42 0.00	31.87 0.63 0.00	36.75 0.68 0.00	39.33 0.72 0.00	39.60 0.65 0.00	40.82 0.73 0.00	41.17 0.80 0.00	46.75 0.97 0.00	63.28 1.49 0.00	45.84 0.83 0.00	50.56 0.85 0.00	43.80 0.97 0.00	37.65 0.95 0.00	43.10 1.02 0.00	40.66 0.92 0.00	30.81 0.71 0.00	30.29 0.66 0.00	29.12 0.60 0.00
WATSON__69_KV_BK 1 55734	48.18 3.55 -3.88	39.27 2.93 0.00	38.15 2.79 0.00	35.81 2.39 0.00	37.14 2.28 0.00	30.61 1.99 0.00	29.92 2.04 -2.58	49.56 2.86 -15.45	39.78 3.71 0.00	43.78 4.18 -1.00	64.22 4.89 -20.38	156.89 5.27 -111.53	152.96 5.33 -107.26	214.09 5.73 -162.58	242.01 7.69 -172.53	248.72 5.77 -197.93	266.77 6.61 -210.45	242.05 5.71 -193.51	231.47 4.61 -190.16	147.87 4.95 -100.83	167.62 4.39 -123.48	52.44 3.13 -19.21	32.98 3.03 -0.32	32.81 2.92 -1.37
WDELAWARE__HYD 323627	41.93 1.18 0.00	37.20 0.86 0.00	36.14 0.77 0.00	34.02 0.60 0.00	35.35 0.49 0.00	29.09 0.48 0.00	25.37 0.60 0.53	29.04 1.00 3.20	37.56 1.49 0.00	40.09 1.48 0.00	39.65 0.70 0.00	41.04 0.95 0.00	41.54 1.17 0.00	47.00 1.22 0.00	63.54 1.75 0.00	46.55 1.53 0.00	51.59 1.88 0.00	44.31 1.53 0.06	37.77 1.07 0.00	43.08 1.01 0.00	40.64 0.90 0.00	30.80 0.69 0.00	30.84 1.20 0.00	29.61 1.08 0.00
WEST BABYLON__IC 23714	48.04 3.41 -3.88	39.15 2.81 0.00	38.04 2.67 0.00	35.71 2.29 0.00	37.04 2.18 0.00	30.52 1.91 0.00	29.83 1.96 -2.58	49.44 2.74 -15.45	39.63 3.56 0.00	43.39 3.98 -0.81	63.10 4.65 -19.50	105.47 5.01 -60.37	112.51 5.12 -67.02	176.11 5.55 -124.78	240.62 7.45 -171.38	243.68 5.62 -193.05	267.65 6.47 -211.46	228.07 5.57 -179.66	207.20 4.49 -166.01	72.19 4.80 -25.31	76.44 4.26 -32.44	38.61 3.04 -5.47	32.66 2.93 -0.09	31.70 2.80 -0.39

WEST CANADA___HYD 24049	41.14 0.39 0.00	36.66 0.32 0.00	35.69 0.32 0.00	33.71 0.29 0.00	35.11 0.24 0.00	28.80 0.18 0.00	25.48 0.18 0.00	31.55 0.31 0.00	36.47 0.40 0.00	39.02 0.41 0.00	39.34 0.39 0.00	40.50 0.41 0.00	40.81 0.44 0.00	46.24 0.46 0.00	62.45 0.66 0.00	45.47 0.45 0.00	50.20 0.49 0.00	43.28 0.45 0.00	37.10 0.40 0.00	42.50 0.43 0.00	40.14 0.39 0.00	30.42 0.32 0.00	29.91 0.28 0.00	28.79 0.26 0.00
WESTERN_NY_WIND 24143	44.20 3.45 0.00	38.38 2.03 0.00	36.87 1.50 0.00	34.55 1.13 0.00	35.38 0.52 0.00	29.29 0.67 0.00	26.07 0.77 0.00	33.06 1.82 0.00	38.09 2.02 0.00	41.19 2.59 0.00	41.78 2.83 0.00	42.87 2.78 0.00	43.27 2.90 0.00	48.30 2.53 0.00	64.91 3.12 0.00	47.09 2.08 0.00	52.07 2.36 0.00	45.17 2.34 0.00	38.44 1.74 0.00	43.97 1.89 0.00	41.32 1.57 0.00	31.27 1.17 0.00	30.99 1.36 0.00	29.84 1.32 0.00
WESTOVER___LESR 323668	42.62 1.44 -0.43	37.39 0.90 -0.14	36.20 0.77 -0.07	34.23 0.66 -0.16	36.13 0.53 -0.74	29.41 0.54 -0.25	25.83 0.53 0.00	32.43 1.09 -0.10	37.50 1.32 -0.11	41.23 1.62 -1.01	41.61 1.64 -1.02	43.05 1.86 -1.10	42.44 1.87 -0.21	49.12 1.85 -1.49	66.93 2.51 -2.62	48.20 1.73 -1.46	53.47 1.99 -1.76	45.90 1.78 -1.29	39.18 1.60 -0.87	44.89 1.58 -1.24	42.16 1.32 -1.09	31.36 0.87 -0.39	30.90 0.89 -0.38	29.57 0.77 -0.28
WETHRSFD_WT_PWR 323626	43.24 2.48 0.00	37.64 1.30 0.00	36.24 0.87 0.00	34.02 0.60 0.00	34.95 0.08 0.00	28.90 0.28 0.00	25.67 0.37 0.00	32.49 1.25 0.00	37.49 1.42 0.00	40.61 2.01 0.00	41.13 2.18 0.00	42.36 2.27 0.00	42.62 2.25 0.00	47.47 1.69 0.00	63.83 2.04 0.00	46.05 1.03 0.00	50.91 1.20 0.00	44.10 1.27 0.00	37.80 1.10 0.00	43.19 1.11 0.00	40.55 0.80 0.00	30.59 0.49 0.00	30.39 0.76 0.00	29.29 0.77 0.00
WHAVSTOR_138KV_BK127 55557	42.55 1.80 0.00	37.85 1.51 0.00	36.81 1.44 0.00	34.65 1.23 0.00	35.98 1.12 0.00	29.65 1.04 0.00	22.56 1.11 3.85	9.73 1.62 23.13	38.31 2.23 0.00	41.08 2.47 0.00	41.62 2.67 0.00	43.06 2.97 0.00	43.54 3.17 0.00	49.14 3.36 0.00	66.31 4.52 0.00	48.48 3.46 0.00	53.77 4.05 0.00	68.60 3.47 -22.30	56.21 2.79 -16.72	45.03 2.96 0.00	42.42 2.67 0.00	32.03 1.93 0.00	31.35 1.72 0.00	30.18 1.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.55 1.80 0.00	37.85 1.51 0.00	36.81 1.44 0.00	34.65 1.23 0.00	35.98 1.12 0.00	29.65 1.04 0.00	22.56 1.11 3.85	9.73 1.62 23.13	38.31 2.23 0.00	41.08 2.47 0.00	41.62 2.67 0.00	43.06 2.97 0.00	43.54 3.17 0.00	49.14 3.36 0.00	66.31 4.52 0.00	48.48 3.46 0.00	53.77 4.05 0.00	68.60 3.47 -22.30	56.21 2.79 -16.72	45.03 2.96 0.00	42.42 2.67 0.00	32.03 1.93 0.00	31.35 1.72 0.00	30.18 1.66 0.00
WHITEHAL_115KV_TB1 80871	44.33 3.58 0.00	39.75 3.41 0.00	38.56 3.20 0.00	36.35 2.93 0.00	37.77 2.91 0.00	31.37 2.76 0.00	28.58 2.89 -0.39	37.39 3.78 -2.37	40.23 4.16 0.00	42.57 3.96 0.00	42.45 3.50 0.00	42.95 2.85 0.00	42.94 2.57 0.00	49.33 3.55 0.00	67.41 5.62 0.00	49.46 4.45 0.00	53.96 4.25 0.00	50.16 3.94 -3.39	42.84 3.64 -2.50	45.79 3.71 0.00	43.32 3.57 0.00	32.97 2.87 0.00	32.54 2.91 0.00	31.49 2.96 0.00
WHITEPLN_13_KV_LOAD 356215	43.54 2.79 0.00	38.68 2.34 0.00	37.56 2.20 0.00	35.32 1.91 0.00	36.68 1.82 0.00	30.23 1.62 0.00	29.69 1.67 -2.72	50.04 2.46 -16.34	39.31 3.24 0.00	42.18 3.57 0.00	42.75 3.80 0.00	44.28 4.19 0.00	44.78 4.42 0.00	50.58 4.81 0.00	68.32 6.53 0.00	49.96 4.94 0.00	55.38 5.66 0.00	63.19 4.85 -15.50	51.79 3.85 -11.24	46.19 4.11 0.00	43.47 3.73 0.00	32.81 2.71 0.00	32.10 2.47 0.00	30.88 2.36 0.00
WM_FLOYD_69_KV_BK2 356380	47.78 3.15 -3.88	38.92 2.57 0.00	37.79 2.42 0.00	35.45 2.03 0.00	36.77 1.91 0.00	30.30 1.69 0.00	29.68 1.80 -2.58	49.27 2.58 -15.45	39.50 3.43 0.00	43.70 3.85 -1.25	64.97 4.45 -21.57	205.36 4.90 -160.36	207.79 5.05 -162.37	268.08 5.41 -216.89	245.64 7.10 -176.75	257.32 5.35 -206.95	265.83 6.12 -210.00	258.43 5.35 -210.25	266.19 4.37 -225.12	250.22 4.73 -203.42	293.67 4.30 -249.62	71.67 3.04 -38.53	33.11 2.84 -0.64	34.04 2.75 -2.77
WOODARD__115KV_TB2 355635	41.89 0.30 -0.84	36.65 0.03 -0.28	35.42 -0.07 -0.13	33.59 -0.14 -0.31	36.04 -0.28 -1.45	28.93 -0.19 -0.50	25.21 -0.09 0.00	31.57 0.13 -0.20	36.46 0.18 -0.20	40.88 0.33 -1.94	41.37 0.42 -2.00	42.74 0.48 -2.16	41.30 0.52 -0.41	49.18 0.49 -2.91	67.29 0.71 -4.79	48.23 0.48 -2.73	53.70 0.54 -3.45	45.90 0.54 -2.53	38.90 0.49 -1.71	44.93 0.44 -2.42	42.19 0.31 -2.14	31.04 0.17 -0.77	30.51 0.13 -0.75	29.13 0.06 -0.54
YORK___WARBASSE 23770	43.40 2.65 0.00	38.57 2.23 0.00	37.45 2.09 0.00	35.21 1.79 0.00	36.56 1.70 0.00	30.16 1.54 0.00	29.50 1.65 -2.55	48.97 2.41 -15.31	39.31 3.22 -0.02	60.95 3.46 -18.89	53.29 3.62 -10.73	55.49 3.97 -11.43	72.99 4.19 -28.44	72.87 4.38 -22.71	74.76 5.72 -7.25	83.98 4.45 -34.51	78.56 5.09 -23.76	86.46 4.21 -39.42	86.22 3.31 -46.21	89.50 3.58 -43.85	89.49 3.31 -46.43	89.46 2.45 -56.91	83.12 2.27 -51.22	67.53 2.29 -36.72