

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion												11/29/2024		
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	EST	44.63	38.33	39.01	39.50	42.12	42.20	36.00	37.46	38.88	37.86	30.59	34.45	38.54	41.21	41.83	65.22	65.89	72.78	54.47	45.04	48.05	81.94	59.92	53.58	
		2.21	1.85	1.83	1.85	1.94	1.93	1.81	2.15	2.37	2.57	2.19	2.40	2.06	2.94	2.39	2.49	3.50	4.66	3.09	2.91	3.20	3.26	3.52	3.02	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.76	-2.47	-9.68	-28.60	-16.51	-7.58	-12.40	-5.21	-0.14	-29.17	0.00	0.00
74TH STREET_GT_1 24260	EST	44.71	38.38	39.05	39.55	42.16	42.24	36.03	37.47	38.90	37.87	30.58	34.45	38.55	41.19	41.82	65.22	65.87	72.82	54.43	44.97	47.98	81.90	59.90	53.57	
		2.29	1.89	1.87	1.90	1.97	1.96	1.84	2.16	2.38	2.58	2.18	2.40	2.06	2.93	2.38	2.49	3.48	4.69	3.04	2.84	3.13	3.21	3.51	3.00	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.76	-2.47	-9.68	-28.61	-16.51	-7.58	-12.41	-5.21	-0.14	-29.17	0.00	0.00
74TH STREET_GT_2 24261	EST	44.71	38.38	39.05	39.55	42.16	42.24	36.03	37.47	38.90	37.87	30.58	34.45	38.55	41.19	41.82	65.22	65.87	72.82	54.43	44.97	47.98	81.90	59.90	53.57	
		2.29	1.89	1.87	1.90	1.97	1.96	1.84	2.16	2.38	2.58	2.18	2.40	2.06	2.93	2.38	2.49	3.48	4.69	3.04	2.84	3.13	3.21	3.51	3.00	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.76	-2.47	-9.68	-28.61	-16.51	-7.58	-12.41	-5.21	-0.14	-29.17	0.00	0.00
ADK HUDSON___FALLS 24011	EST	44.96	38.75	39.55	40.05	42.81	43.07	36.76	38.12	39.32	37.81	30.26	34.29	40.60	41.31	43.85	71.80	69.98	74.84	57.41	46.36	48.44	88.85	60.48	54.07	
		2.54	2.26	2.37	2.39	2.63	2.79	2.57	2.81	2.82	2.52	1.85	2.23	1.94	2.60	2.25	2.70	3.91	5.03	3.25	3.07	3.56	3.65	4.08	3.51	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.94	-2.92	-11.84	-34.98	-20.19	-9.27	-15.17	-6.37	-0.18	-35.67	0.00	0.00
ADK RESOURCE___RCVRY 23798	EST	45.15	38.92	39.75	40.24	43.04	43.40	37.07	38.44	39.60	38.02	30.41	34.51	40.82	41.56	44.08	72.08	70.43	75.31	57.74	46.70	48.78	89.21	60.90	54.42	
		2.72	2.44	2.57	2.59	2.86	3.12	2.88	3.13	3.09	2.73	2.01	2.45	2.15	2.84	2.47	2.95	4.35	5.49	3.58	3.40	3.89	4.00	4.50	3.86	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.95	-2.92	-11.85	-35.00	-20.20	-9.28	-15.18	-6.37	-0.18	-35.70	0.00	0.00
ADK S GLENS___FALLS 24028	EST	44.96	38.75	39.55	40.05	42.81	43.07	36.76	38.12	39.32	37.81	30.26	34.29	40.60	41.31	43.85	71.80	69.98	74.84	57.41	46.36	48.44	88.85	60.48	54.07	
		2.54	2.26	2.37	2.39	2.63	2.79	2.57	2.81	2.82	2.52	1.85	2.23	1.94	2.60	2.25	2.70	3.91	5.03	3.25	3.07	3.56	3.65	4.08	3.51	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.94	-2.92	-11.84	-34.98	-20.19	-9.27	-15.17	-6.37	-0.18	-35.67	0.00	0.00
ADK_NYS___DAM 23527	EST	44.58	38.37	39.20	39.73	42.42	42.21	36.04	37.44	38.55	37.12	29.82	33.78	39.79	40.75	43.14	70.38	68.46	73.35	56.15	45.40	47.96	87.18	59.56	53.31	
		2.16	1.89	2.02	2.08	2.24	1.94	1.85	2.13	2.04	1.83	1.42	1.73	1.50	2.12	1.92	2.39	3.04	3.84	2.48	2.32	3.08	3.13	3.16	2.74	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.56	-2.83	-11.46	-33.86	-19.54	-8.98	-14.69	-6.17	-0.17	-34.54	0.00	0.00
AIR_PRODUCTS___DRP 24190	EST	43.47	37.39	38.11	38.61	41.19	41.17	34.82	36.09	37.25	36.10	29.15	32.88	39.02	39.66	42.03	69.02	66.72	71.18	54.76	44.09	46.06	85.26	57.46	51.44	
		1.05	0.91	0.93	0.96	1.01	0.89	0.62	0.78	0.74	0.81	0.75	0.83	0.70	1.02	0.77	0.93	1.24	1.63	1.05	0.99	1.18	1.10	1.06	0.88	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.59	-2.83	-11.50	-33.97	-19.60	-9.00	-14.73	-6.18	-0.17	-34.64	0.00	0.00
AKWESSNE_115KV_BK 355683	EST	42.82	36.03	36.47	36.90	39.52	39.80	33.75	34.90	35.87	33.83	26.98	31.05	25.87	34.09	28.23	33.03	44.38	59.41	37.44	35.04	42.98	47.65	55.08	48.78	
		0.40	-0.46	-0.71	-0.75	-0.67	-0.48	-0.44	-0.41	-0.64	-1.46	-1.42	-1.01	-0.85	-1.71	-1.54	-1.09	-1.51	-1.13	-1.54	-1.88	-1.73	-1.87	-1.32	-1.78	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	44.20	38.06	38.78	39.30	41.95	41.97	35.59	36.86	37.94	36.44	29.35	33.21	39.23	40.22	42.40	69.09	67.33	72.27	55.29	44.72	46.96	85.68	58.65	52.55	
		1.78	1.57	1.61	1.65	1.77	1.70	1.40	1.55	1.43	1.15	0.95	1.15	1.11	1.64	1.34	1.59	2.18	2.88	1.83	1.72	2.08	2.12	2.25	1.99	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.39	-2.78	-11.30	-33.38	-19.26	-8.85	-14.48	-6.08	-0.17	-34.04	0.00	0.00
ALBANY_2_SOLAR 323834	EST	44.19	38.05	38.77	39.29	41.94	41.95	35.58	36.85	37.93	36.44	29.34	33.20	39.21	40.21	42.39	69.08	67.32	72.24	55.28	44.70	46.94	85.64	58.63	52.53	
		1.77	1.56	1.60	1.64	1.76	1.67	1.39	1.54	1.42	1.14	0.94	1.14	1.09	1.63	1.33	1.58	2.17	2.85	1.82	1.71	2.07	2.09	2.23	1.96	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.40	-2.79	-11.30	-33.38	-19.26	-8.85	-14.48	-6.08	-0.17	-34.04	0.00	0.00
ALBANY___1 23571	EST	43.47	37.39	38.11	38.61	41.19	41.17	34.82	36.09	37.25	36.10	29.15	32.88	39.02	39.66	42.03	69.02	66.72	71.18	54.76	44.09	46.06	85.26	57.46	51.44	
		1.05	0.91	0.93	0.96	1.01	0.89	0.62	0.78	0.74	0.81	0.75	0.83	0.70	1.02	0.77	0.93	1.24	1.63	1.05	0.99	1.18	1.10	1.06	0.88	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.59	-2.83	-11.50	-33.97	-19.60	-9.00	-14.73	-6.18	-0.17	-34.64	0.00	0.00

ALBANY___2 23572	43.47 1.05 0.00	37.39 0.91 0.00	38.11 0.93 0.00	38.61 0.96 0.00	41.19 1.01 0.00	41.17 0.89 0.00	34.82 0.62 0.00	36.09 0.78 0.00	37.25 0.74 0.00	36.10 0.81 0.00	29.15 0.75 0.00	32.88 0.83 0.00	39.02 0.70 -11.59	39.66 1.02 -2.83	42.03 0.77 -11.50	69.02 0.93 -33.97	66.72 1.24 -19.60	71.18 1.63 -9.00	54.76 1.05 -14.73	44.09 0.99 -6.18	46.06 1.18 -0.17	85.26 1.10 -34.64	57.46 1.06 0.00	51.44 0.88 0.00
ALBANY___3 23573	43.47 1.05 0.00	37.39 0.91 0.00	38.11 0.93 0.00	38.61 0.96 0.00	41.19 1.01 0.00	41.17 0.89 0.00	34.82 0.62 0.00	36.09 0.78 0.00	37.25 0.74 0.00	36.10 0.81 0.00	29.15 0.75 0.00	32.88 0.83 0.00	39.02 0.70 -11.59	39.66 1.02 -2.83	42.03 0.77 -11.50	69.02 0.93 -33.97	66.72 1.24 -19.60	71.18 1.63 -9.00	54.76 1.05 -14.73	44.09 0.99 -6.18	46.06 1.18 -0.17	85.26 1.10 -34.64	57.46 1.06 0.00	51.44 0.88 0.00
ALBANY___4 23574	43.47 1.05 0.00	37.39 0.91 0.00	38.11 0.93 0.00	38.61 0.96 0.00	41.19 1.01 0.00	41.17 0.89 0.00	34.82 0.62 0.00	36.09 0.78 0.00	37.25 0.74 0.00	36.10 0.81 0.00	29.15 0.75 0.00	32.88 0.83 0.00	39.02 0.70 -11.59	39.66 1.02 -2.83	42.03 0.77 -11.50	69.02 0.93 -33.97	66.72 1.24 -19.60	71.18 1.63 -9.00	54.76 1.05 -14.73	44.09 0.99 -6.18	46.06 1.18 -0.17	85.26 1.10 -34.64	57.46 1.06 0.00	51.44 0.88 0.00
ALBANY___LFGE 323615	43.73 1.31 0.00	37.63 1.15 0.00	38.36 1.18 0.00	38.87 1.22 0.00	41.48 1.29 0.00	41.45 1.17 0.00	35.11 0.92 0.00	36.41 1.10 0.00	37.58 1.07 0.00	36.40 1.11 0.00	29.36 0.96 0.00	33.14 1.09 0.00	39.35 0.93 -11.69	40.00 1.34 -2.86	42.41 1.05 -11.59	69.63 1.25 -34.26	67.34 1.69 -19.77	71.84 2.22 -9.08	55.25 1.41 -14.86	44.49 1.32 -6.24	46.47 1.59 -0.17	85.99 1.55 -34.93	57.98 1.58 0.00	51.90 1.33 0.00
ALCOA_PA_115KV_PL-6C 55860	42.99 0.57 0.00	36.17 -0.31 0.00	36.62 -0.56 0.00	37.05 -0.60 0.00	39.68 -0.51 0.00	39.96 -0.31 0.00	33.90 -0.29 0.00	35.06 -0.25 0.00	36.02 -0.49 0.00	33.97 -1.32 0.00	27.07 -1.33 0.00	31.15 -0.90 0.00	26.11 -0.76 -0.15	34.26 -1.58 -0.04	28.48 -1.44 -0.15	33.60 -0.96 -0.44	44.83 -1.31 -0.25	59.79 -1.31 -0.12	37.82 -1.35 -0.19	35.29 -1.71 -0.08	43.17 -1.54 0.00	48.30 -1.67 -0.45	55.31 -1.09 0.00	48.99 -1.57 0.00
ALCOA_RYNLDS___DRP 24188	42.99 0.57 0.00	36.17 -0.31 0.00	36.62 -0.56 0.00	37.05 -0.60 0.00	39.68 -0.51 0.00	39.96 -0.31 0.00	33.90 -0.29 0.00	35.06 -0.25 0.00	36.02 -0.49 0.00	33.97 -1.32 0.00	27.07 -1.33 0.00	31.15 -0.90 0.00	26.11 -0.76 -0.15	34.26 -1.58 -0.04	28.48 -1.44 -0.15	33.60 -0.96 -0.44	44.83 -1.31 -0.25	59.79 -1.31 -0.12	37.82 -1.35 -0.19	35.29 -1.71 -0.08	43.17 -1.54 0.00	48.30 -1.67 -0.45	55.31 -1.09 0.00	48.99 -1.57 0.00
ALCOA___DSASP 323711	42.99 0.57 0.00	36.17 -0.31 0.00	36.63 -0.56 0.00	37.04 -0.60 0.00	39.68 -0.51 0.00	39.96 -0.31 0.00	33.90 -0.29 0.00	35.06 -0.25 0.00	36.02 -0.49 0.00	33.97 -1.32 0.00	27.07 -1.33 0.00	31.18 -0.88 0.00	26.11 -0.76 -0.15	34.25 -1.58 -0.04	28.49 -1.42 -0.15	33.60 -0.96 -0.44	44.81 -1.32 -0.25	59.85 -0.81 -0.12	37.81 -1.35 -0.19	35.29 -1.71 -0.08	43.17 -1.54 0.00	48.30 -1.67 -0.45	55.31 -1.09 0.00	48.99 -1.57 0.00
ALLEGHENY___COGEN 23514	42.66 0.25 0.01	36.94 0.46 0.00	37.64 0.46 0.00	38.18 0.54 0.00	40.79 0.61 0.00	41.19 0.92 0.00	34.85 0.66 0.00	35.59 0.31 0.04	37.23 0.72 0.00	35.96 0.67 0.00	28.37 -0.04 0.00	31.61 -0.44 0.00	28.49 -0.93 -2.70	59.84 -1.14 -25.19	28.49 -0.92 0.35	37.87 -0.65 -4.40	68.14 -0.78 -23.03	49.66 -0.89 9.98	76.22 -0.63 -37.87	54.25 -0.63 -17.96	43.96 -0.77 -0.02	52.51 -0.87 -3.86	53.02 -0.40 2.98	50.57 0.01 0.00
ALTAMONT_115KV_TB 2 55880	43.44 1.02 0.00	37.37 0.88 0.00	38.10 0.92 0.00	38.59 0.94 0.00	41.18 1.00 0.00	41.21 0.93 0.00	35.01 0.82 0.00	36.28 0.97 0.00	37.48 0.97 0.00	36.25 0.96 0.00	29.20 0.80 0.00	32.96 0.91 0.00	39.11 0.79 -11.59	39.77 1.14 -2.83	42.18 0.92 -11.49	69.15 1.07 -33.95	66.93 1.46 -19.59	71.48 1.94 -9.00	54.95 1.25 -14.73	44.28 1.17 -6.18	46.27 1.39 -0.17	85.50 1.37 -34.62	57.83 1.43 0.00	51.79 1.23 0.00
ALTONA_WT_PWR 323606	43.19 0.77 0.00	36.35 -0.14 0.00	36.76 -0.42 0.00	37.28 -0.37 0.00	40.03 -0.15 0.00	40.39 0.12 0.00	34.26 0.07 0.00	35.45 0.14 0.00	36.36 -0.15 0.00	34.35 -0.95 0.00	27.30 -1.10 0.00	31.46 -0.59 0.00	26.12 -0.60 0.00	34.25 -1.55 0.00	28.48 -1.28 0.00	33.18 -0.94 0.00	44.49 -1.40 0.00	59.70 -0.83 0.00	37.44 -1.54 0.00	34.92 -2.01 0.00	42.78 -1.93 0.00	47.47 -2.05 0.00	55.24 -1.16 0.00	48.60 -1.96 0.00
AMERICAN_REF_FUEL 24010	39.61 -2.73 0.08	34.68 -1.80 0.00	35.33 -1.85 0.00	35.84 -1.81 0.00	38.11 -2.07 0.00	38.48 -1.79 0.00	32.28 -1.88 0.03	32.32 -2.76 0.23	33.99 -2.52 0.00	32.81 -2.46 0.03	25.77 -2.63 0.00	28.81 -3.24 0.00	24.67 -3.11 -1.05	25.88 -3.79 6.13	20.72 -3.26 5.78	33.05 -4.14 -3.07	35.04 -5.56 5.29	28.68 -6.71 25.15	23.24 -4.50 11.24	26.02 -4.26 6.64	39.47 -5.25 -0.02	46.82 -5.97 -3.28	48.98 -5.26 2.16	46.58 -3.98 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.73 -1.59 0.10	36.03 -0.46 0.00	36.86 -0.32 0.00	37.39 -0.26 0.00	39.19 -1.00 0.00	39.76 -0.52 0.00	33.69 -0.47 0.03	33.82 -1.22 0.27	35.51 -1.00 0.00	34.13 -1.13 0.03	26.89 -1.52 0.00	30.13 -1.93 0.00	25.76 -2.14 -1.18	26.35 -3.06 6.39	20.20 -2.68 6.88	34.24 -3.21 -3.32	35.91 -4.27 5.70	25.39 -5.29 29.86	23.57 -3.31 12.10	26.88 -2.76 7.28	41.14 -3.59 -0.02	49.16 -3.90 -3.55	50.60 -3.18 2.63	48.26 -2.30 0.00
ARTHUR KILL_GT_1 23520	44.31 1.89 0.00	38.60 2.12 0.00	39.35 2.17 0.00	39.86 2.21 0.00	42.51 2.33 0.00	42.57 2.30 0.00	36.28 2.08 0.00	37.46 2.15 0.00	38.84 2.34 0.00	37.75 2.45 0.00	30.46 2.05 0.00	34.29 2.24 0.00	38.38 1.90 -9.76	41.06 2.80 -2.47	41.79 2.35 -9.68	65.15 2.42 -28.61	65.74 3.35 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.94 3.09 -0.14	81.88 3.19 -29.17	59.98 3.58 0.00	53.64 3.07 0.00
ARTHUR_KILL_2 23512	44.20 1.78 0.00	38.50 2.02 0.00	39.24 2.06 0.00	39.77 2.12 0.00	42.40 2.21 0.00	42.45 2.18 0.00	36.17 1.98 0.00	37.36 2.05 0.00	38.75 2.24 0.00	37.67 2.37 0.00	30.40 1.99 0.00	34.21 2.16 0.00	38.32 1.83 -9.76	40.97 2.70 -2.47	41.71 2.26 -9.68	65.05 2.32 -28.61	65.60 3.21 -16.51	72.56 4.43 -7.58	54.31 2.92 -12.41	44.86 2.73 -5.21	47.80 2.95 -0.14	81.73 3.04 -29.17	59.81 3.41 0.00	53.48 2.92 0.00
ARTHUR_KILL_3 23513	44.34 1.91 0.00	37.97 1.48 0.00	38.62 1.44 0.00	39.12 1.46 0.00	41.71 1.52 0.00	41.76 1.49 0.00	35.63 1.44 0.00	37.10 1.79 0.00	38.49 1.99 0.00	37.48 2.19 0.00	30.28 1.88 0.00	34.08 2.02 0.00	38.25 1.76 -9.76	40.81 2.55 -2.47	41.53 2.08 -9.68	64.86 2.13 -28.60	65.41 3.02 -16.51	72.18 4.06 -7.58	54.05 2.66 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.40 2.71 -29.17	59.34 2.95 0.00	53.10 2.53 0.00

ARTHUR_KILL_COGEN 323718	44.31 1.89 0.00	38.60 2.12 0.00	39.35 2.17 0.00	39.86 2.21 0.00	42.51 2.33 0.00	42.57 2.30 0.00	36.28 2.08 0.00	37.46 2.15 0.00	38.84 2.34 0.00	37.75 2.45 0.00	30.46 2.05 0.00	34.29 2.24 0.00	38.38 1.90 -9.76	41.06 2.80 -2.47	41.79 2.35 -9.68	65.15 2.42 -28.61	65.74 3.35 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.94 3.09 -0.14	81.88 3.19 -29.17	59.98 3.58 0.00	53.64 3.07 0.00
ASHOKAN____ 23654	44.76 2.33 0.00	38.47 1.98 0.00	39.18 2.00 0.00	39.71 2.06 0.00	42.38 2.19 0.00	42.50 2.22 0.00	36.20 2.01 0.00	37.62 2.31 0.00	38.87 2.36 0.00	37.33 2.03 0.00	30.09 1.68 0.00	33.92 1.87 0.00	38.98 1.66 -10.59	40.88 2.49 -2.59	42.24 1.97 -10.51	67.46 2.30 -31.03	67.10 3.30 -17.91	73.45 4.68 -8.23	55.31 2.87 -13.46	45.25 2.67 -5.65	48.20 3.34 -0.16	84.32 3.16 -31.65	60.05 3.65 0.00	53.64 3.08 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.30 1.87 0.00	37.99 1.51 0.00	38.65 1.47 0.00	39.13 1.48 0.00	41.71 1.52 0.00	41.78 1.50 0.00	35.63 1.44 0.00	37.12 1.81 0.00	38.52 2.01 0.00	37.47 2.18 0.00	30.35 1.94 0.00	34.13 2.07 0.00	38.25 1.76 -9.76	40.82 2.55 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.37 2.97 -16.51	72.21 4.09 -7.58	54.07 2.69 -12.41	44.59 2.46 -5.21	47.50 2.65 -0.14	81.35 2.66 -29.17	59.31 2.91 0.00	53.07 2.51 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.26 1.84 0.00	37.96 1.47 0.00	38.61 1.43 0.00	39.10 1.45 0.00	41.67 1.48 0.00	41.75 1.47 0.00	35.62 1.43 0.00	37.12 1.81 0.00	38.51 2.00 0.00	37.46 2.17 0.00	30.33 1.92 0.00	34.09 2.03 0.00	38.22 1.73 -9.76	40.78 2.51 -2.47	41.51 2.06 -9.68	64.85 2.12 -28.61	65.35 2.96 -16.51	72.19 4.07 -7.58	54.06 2.67 -12.41	44.58 2.45 -5.21	47.49 2.64 -0.14	81.35 2.66 -29.17	59.30 2.91 0.00	53.07 2.51 0.00
ASTORIA_GT2_1 24094	44.31 1.88 0.00	38.00 1.52 0.00	38.65 1.48 0.00	39.14 1.49 0.00	41.72 1.53 0.00	41.79 1.52 0.00	35.65 1.46 0.00	37.15 1.83 0.00	38.54 2.03 0.00	37.49 2.20 0.00	30.37 1.96 0.00	34.14 2.09 0.00	38.26 1.77 -9.76	40.82 2.55 -2.47	41.53 2.08 -9.68	64.88 2.15 -28.61	65.39 3.00 -16.51	72.23 4.11 -7.58	54.09 2.71 -12.41	44.61 2.48 -5.21	47.53 2.68 -0.14	81.40 2.71 -29.17	59.34 2.94 0.00	53.11 2.55 0.00
ASTORIA_GT2_2 24095	44.31 1.88 0.00	38.00 1.52 0.00	38.65 1.48 0.00	39.14 1.49 0.00	41.72 1.53 0.00	41.79 1.52 0.00	35.65 1.46 0.00	37.15 1.83 0.00	38.54 2.03 0.00	37.49 2.20 0.00	30.37 1.96 0.00	34.14 2.09 0.00	38.26 1.77 -9.76	40.82 2.55 -2.47	41.53 2.08 -9.68	64.88 2.15 -28.61	65.39 3.00 -16.51	72.23 4.11 -7.58	54.09 2.71 -12.41	44.61 2.48 -5.21	47.53 2.68 -0.14	81.40 2.71 -29.17	59.34 2.94 0.00	53.11 2.55 0.00
ASTORIA_GT2_3 24096	44.31 1.88 0.00	38.00 1.52 0.00	38.65 1.48 0.00	39.14 1.49 0.00	41.72 1.53 0.00	41.79 1.52 0.00	35.65 1.46 0.00	37.15 1.83 0.00	38.54 2.03 0.00	37.49 2.20 0.00	30.37 1.96 0.00	34.14 2.09 0.00	38.26 1.77 -9.76	40.82 2.55 -2.47	41.53 2.08 -9.68	64.88 2.15 -28.61	65.39 3.00 -16.51	72.23 4.11 -7.58	54.09 2.71 -12.41	44.61 2.48 -5.21	47.53 2.68 -0.14	81.40 2.71 -29.17	59.34 2.94 0.00	53.11 2.55 0.00
ASTORIA_GT2_4 24097	44.31 1.88 0.00	38.00 1.52 0.00	38.65 1.48 0.00	39.14 1.49 0.00	41.72 1.53 0.00	41.79 1.52 0.00	35.65 1.46 0.00	37.15 1.83 0.00	38.54 2.03 0.00	37.49 2.20 0.00	30.37 1.96 0.00	34.14 2.09 0.00	38.26 1.77 -9.76	40.82 2.55 -2.47	41.53 2.08 -9.68	64.88 2.15 -28.61	65.39 3.00 -16.51	72.23 4.11 -7.58	54.09 2.71 -12.41	44.61 2.48 -5.21	47.53 2.68 -0.14	81.40 2.71 -29.17	59.34 2.94 0.00	53.11 2.55 0.00
ASTORIA_GT3_1 24098	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00
ASTORIA_GT3_2 24099	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00
ASTORIA_GT3_3 24100	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00
ASTORIA_GT3_4 24101	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00
ASTORIA_GT4_1 24102	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00
ASTORIA_GT4_2 24103	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00
ASTORIA_GT4_3 24104	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00

ASTORIA_GT4_4 24105	44.28 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.49 2.20 0.00	30.34 1.94 0.00	34.11 2.06 0.00	38.22 1.73 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.99 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.94 0.00	53.10 2.54 0.00
ASTORIA_GT_1 23523	44.36 1.94 0.00	38.04 1.56 0.00	38.69 1.51 0.00	39.18 1.53 0.00	41.76 1.57 0.00	41.83 1.56 0.00	35.70 1.51 0.00	37.19 1.88 0.00	38.59 2.08 0.00	37.55 2.25 0.00	30.40 2.00 0.00	34.18 2.12 0.00	38.29 1.80 -9.76	40.88 2.61 -2.47	41.58 2.14 -9.68	64.93 2.20 -28.61	65.47 3.08 -16.51	72.35 4.23 -7.58	54.15 2.77 -12.41	44.67 2.54 -5.21	47.60 2.75 -0.14	81.47 2.79 -29.17	59.43 3.03 0.00	53.18 2.62 0.00
ASTORIA_GT_10 24110	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.45 4.33 -7.58	54.23 2.85 -12.41	44.79 2.66 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
ASTORIA_GT_11 24225	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.45 4.33 -7.58	54.23 2.85 -12.41	44.79 2.66 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
ASTORIA_GT_12 24226	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.45 4.33 -7.58	54.23 2.85 -12.41	44.79 2.66 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
ASTORIA_GT_13 24227	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.45 4.33 -7.58	54.23 2.85 -12.41	44.79 2.66 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
ASTORIA_GT_5 24106	44.36 1.94 0.00	38.05 1.56 0.00	38.69 1.52 0.00	39.18 1.53 0.00	41.76 1.57 0.00	41.83 1.56 0.00	35.70 1.51 0.00	37.19 1.88 0.00	38.59 2.08 0.00	37.55 2.26 0.00	30.40 1.99 0.00	34.18 2.12 0.00	38.29 1.80 -9.76	40.88 2.61 -2.47	41.58 2.13 -9.68	64.93 2.20 -28.61	65.47 3.08 -16.51	72.35 4.23 -7.58	54.16 2.77 -12.41	44.68 2.55 -5.21	47.60 2.75 -0.14	81.47 2.78 -29.17	59.43 3.03 0.00	53.18 2.62 0.00
ASTORIA_GT_7 24107	44.36 1.94 0.00	38.05 1.56 0.00	38.69 1.52 0.00	39.18 1.53 0.00	41.76 1.57 0.00	41.83 1.56 0.00	35.70 1.51 0.00	37.19 1.88 0.00	38.59 2.08 0.00	37.55 2.26 0.00	30.40 1.99 0.00	34.18 2.12 0.00	38.29 1.80 -9.76	40.88 2.61 -2.47	41.58 2.13 -9.68	64.93 2.20 -28.61	65.47 3.08 -16.51	72.35 4.23 -7.58	54.16 2.77 -12.41	44.68 2.55 -5.21	47.60 2.75 -0.14	81.47 2.78 -29.17	59.43 3.03 0.00	53.18 2.62 0.00
ASTORIA_GT_8 24108	44.36 1.94 0.00	38.05 1.56 0.00	38.69 1.52 0.00	39.18 1.53 0.00	41.76 1.57 0.00	41.83 1.56 0.00	35.70 1.51 0.00	37.19 1.88 0.00	38.59 2.08 0.00	37.55 2.26 0.00	30.40 1.99 0.00	34.18 2.12 0.00	38.29 1.80 -9.76	40.88 2.61 -2.47	41.58 2.13 -9.68	64.93 2.20 -28.61	65.47 3.08 -16.51	72.35 4.23 -7.58	54.16 2.77 -12.41	44.68 2.55 -5.21	47.60 2.75 -0.14	81.47 2.78 -29.17	59.43 3.03 0.00	53.18 2.62 0.00
ASTORIA___2 24149	44.29 1.86 0.00	37.97 1.49 0.00	38.63 1.45 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.76 1.48 0.00	35.64 1.45 0.00	37.14 1.83 0.00	38.53 2.02 0.00	37.48 2.19 0.00	30.34 1.93 0.00	34.11 2.05 0.00	38.23 1.74 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.86 2.13 -28.61	65.38 2.98 -16.51	72.22 4.10 -7.58	54.08 2.69 -12.41	44.60 2.47 -5.21	47.52 2.67 -0.14	81.38 2.69 -29.17	59.34 2.95 0.00	53.10 2.54 0.00
ASTORIA___3 23516	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.44 4.32 -7.58	54.24 2.85 -12.41	44.79 2.67 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
ASTORIA___4 23517	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.45 4.33 -7.58	54.23 2.85 -12.41	44.79 2.66 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
ASTORIA___5 23518	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.44 4.32 -7.58	54.24 2.85 -12.41	44.79 2.66 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
AST_ENERGY_2_CC3 323677	44.46 2.04 0.00	38.16 1.67 0.00	38.82 1.64 0.00	39.30 1.66 0.00	41.91 1.72 0.00	41.94 1.66 0.00	35.72 1.53 0.00	37.17 1.86 0.00	38.57 2.06 0.00	37.58 2.28 0.00	30.37 1.96 0.00	34.20 2.15 0.00	38.35 1.87 -9.76	40.93 2.66 -2.47	41.59 2.15 -9.68	64.91 2.18 -28.60	65.46 3.07 -16.51	72.24 4.12 -7.58	54.09 2.70 -12.41	44.66 2.53 -5.21	47.59 2.74 -0.14	81.49 2.81 -29.17	59.45 3.05 0.00	53.18 2.62 0.00
AST_ENERGY_2_CC4 323678	44.46 2.04 0.00	38.16 1.67 0.00	38.82 1.64 0.00	39.30 1.66 0.00	41.91 1.72 0.00	41.94 1.66 0.00	35.72 1.53 0.00	37.17 1.86 0.00	38.57 2.06 0.00	37.58 2.28 0.00	30.37 1.96 0.00	34.20 2.15 0.00	38.35 1.87 -9.76	40.93 2.66 -2.47	41.59 2.15 -9.68	64.91 2.18 -28.60	65.46 3.07 -16.51	72.24 4.12 -7.58	54.09 2.70 -12.41	44.66 2.53 -5.21	47.59 2.74 -0.14	81.49 2.81 -29.17	59.45 3.05 0.00	53.18 2.62 0.00

ATHENS_STG_1 23668	43.50 1.07 0.00	37.39 0.90 0.00	38.11 0.93 0.00	38.60 0.95 0.00	41.17 0.98 0.00	41.22 0.94 0.00	35.11 0.92 0.00	36.43 1.12 0.00	37.67 1.17 0.00	36.51 1.22 0.00	29.42 1.02 0.00	33.20 1.15 0.00	38.22 1.00 -10.49	39.77 1.41 -2.57	41.32 1.15 -10.40	66.13 1.26 -30.74	65.37 1.74 -17.74	71.00 2.31 -8.15	53.83 1.52 -13.34	43.95 1.43 -5.60	46.51 1.65 -0.15	82.48 1.61 -31.35	58.08 1.68 0.00	52.02 1.46 0.00
ATHENS_STG_2 23670	43.50 1.07 0.00	37.39 0.90 0.00	38.11 0.93 0.00	38.60 0.95 0.00	41.17 0.98 0.00	41.22 0.94 0.00	35.11 0.92 0.00	36.43 1.12 0.00	37.67 1.17 0.00	36.51 1.22 0.00	29.42 1.02 0.00	33.20 1.15 0.00	38.22 1.00 -10.49	39.77 1.41 -2.57	41.32 1.15 -10.40	66.13 1.26 -30.74	65.37 1.74 -17.74	71.00 2.31 -8.15	53.83 1.52 -13.34	43.95 1.43 -5.60	46.51 1.65 -0.15	82.48 1.61 -31.35	58.08 1.68 0.00	52.02 1.46 0.00
ATHENS_STG_3 23677	43.50 1.07 0.00	37.39 0.90 0.00	38.11 0.93 0.00	38.60 0.95 0.00	41.17 0.98 0.00	41.22 0.94 0.00	35.11 0.92 0.00	36.43 1.12 0.00	37.67 1.17 0.00	36.51 1.22 0.00	29.42 1.02 0.00	33.20 1.15 0.00	38.22 1.00 -10.49	39.77 1.41 -2.57	41.32 1.15 -10.40	66.13 1.26 -30.74	65.37 1.74 -17.74	71.00 2.31 -8.15	53.83 1.52 -13.34	43.95 1.43 -5.60	46.51 1.65 -0.15	82.48 1.61 -31.35	58.08 1.68 0.00	52.02 1.46 0.00
AUBURN___LFGE 323710	42.21 -0.21 0.00	36.40 -0.08 0.00	37.11 -0.07 0.00	37.56 -0.09 0.00	40.12 -0.07 0.00	40.31 0.04 0.00	34.16 -0.03 0.00	35.12 -0.19 0.00	36.44 -0.07 0.00	35.21 -0.08 0.00	28.25 -0.16 0.00	31.77 -0.29 0.00	27.61 -0.27 -1.15	35.79 -0.29 -0.28	32.36 -0.33 -2.92	37.17 -0.34 -3.39	47.59 -0.39 -2.10	67.65 -0.58 -7.69	40.95 -0.33 -2.31	37.93 -0.29 -1.30	44.36 -0.36 -0.02	52.86 -0.26 -3.60	56.77 -0.23 -0.61	50.50 -0.07 0.00
BABYLON_RES_REC 323704	44.97 2.55 0.00	38.65 2.16 0.00	39.16 1.98 0.00	39.67 2.03 0.00	42.22 2.03 0.00	42.35 2.08 0.00	36.27 2.07 0.00	37.84 2.54 0.00	39.16 2.65 0.00	38.24 2.94 0.00	31.78 2.37 -1.00	34.45 2.39 0.00	44.17 2.11 -15.34	73.02 3.16 -34.06	42.15 2.70 -9.69	65.51 2.77 -28.61	66.28 3.88 -16.51	73.46 5.34 -7.58	54.59 3.20 -12.41	45.19 3.06 -5.21	48.25 3.39 -0.14	82.14 3.45 -29.18	60.32 3.92 0.00	53.70 3.14 0.00
BABYLON__69_KV_BK2 356345	45.42 3.00 0.00	39.02 2.53 0.00	39.54 2.36 0.00	40.05 2.40 0.00	42.62 2.43 0.00	42.77 2.49 0.00	36.62 2.43 0.00	38.23 2.92 0.00	39.57 3.06 0.00	38.65 3.36 0.00	32.06 2.68 -0.98	34.79 2.73 0.00	44.33 2.38 -15.22	72.76 3.56 -33.40	42.51 3.06 -9.69	65.92 3.18 -28.61	66.86 4.47 -16.51	74.25 6.12 -7.58	55.07 3.68 -12.41	45.66 3.53 -5.21	48.81 3.96 -0.14	82.74 4.05 -29.18	60.96 4.56 0.00	54.25 3.69 0.00
BALL_HILL_WT_PWR 323825	40.71 -1.63 0.09	35.71 -0.77 0.00	36.47 -0.71 0.00	37.00 -0.65 0.00	39.15 -1.04 0.00	39.55 -0.73 0.00	33.36 -0.81 0.03	33.58 -1.49 0.24	35.32 -1.19 0.00	34.03 -1.23 0.03	26.81 -1.59 0.00	30.04 -2.01 0.00	25.64 -2.12 -1.04	24.64 -2.79 8.37	20.24 -2.43 7.09	34.47 -2.97 -3.31	34.67 -3.99 7.22	25.42 -4.89 30.22	20.58 -3.24 15.16	25.23 -2.90 8.79	41.15 -3.58 -0.02	48.99 -4.01 -3.48	50.68 -3.27 2.45	48.28 -2.29 0.00
BARON_WINDS___WT_PWR 323822	41.15 -1.31 -0.03	35.56 -0.93 0.00	36.28 -0.90 0.00	36.77 -0.88 0.00	39.30 -0.89 0.00	39.73 -0.54 0.00	33.51 -0.69 -0.01	34.32 -1.08 -0.09	35.85 -0.65 0.00	34.66 -0.64 -0.01	27.50 -0.90 0.00	30.52 -1.54 0.00	25.09 -1.68 -0.05	-8.14 -2.11 41.82	7.08 -1.96 20.72	38.38 -1.98 -6.24	9.80 -2.80 33.29	-22.73 -4.05 79.22	-34.60 -2.50 71.08	-3.70 -2.44 38.18	41.76 -2.98 -0.03	51.52 -3.18 -5.19	49.62 -3.18 3.61	48.20 -2.36 0.00
BARRETT_IC_1 23704	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_10 23701	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_11 23702	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_12 23703	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_2 23705	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_3 23706	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_4 23707	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00

BARRETT_IC_5 23708	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_6 23709	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_7 23710	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.45 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.51 1.86 -14.93	70.09 2.58 -31.71	41.75 2.30 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.62 2.76 -0.14	81.50 2.81 -29.18	59.58 3.18 0.00	53.17 2.61 0.00
BARRETT_IC_8 23711	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT_IC_9 23700	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT___1 23545	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BARRETT___2 23546	44.51 2.09 0.00	38.24 1.75 0.00	38.78 1.60 0.00	39.31 1.66 0.00	41.85 1.67 0.00	41.96 1.68 0.00	35.85 1.66 0.00	37.36 2.05 0.00	38.71 2.20 0.00	37.74 2.44 0.00	31.36 2.03 -0.92	34.19 2.13 0.00	43.50 1.85 -14.93	70.08 2.57 -31.71	41.75 2.31 -9.69	65.06 2.33 -28.61	65.59 3.19 -16.51	72.45 4.33 -7.58	54.03 2.64 -12.41	44.65 2.52 -5.21	47.61 2.76 -0.14	81.50 2.81 -29.18	59.59 3.19 0.00	53.17 2.61 0.00
BATAVIA__115KV_TB1 55881	41.35 -1.08 0.00	36.00 -0.48 0.00	36.67 -0.52 0.00	37.19 -0.46 0.00	39.60 -0.59 0.00	39.98 -0.29 0.00	33.71 -0.48 0.00	34.21 -1.10 0.00	35.69 -0.82 0.00	34.44 -0.85 0.00	26.95 -1.46 0.00	30.22 -1.84 0.00	25.87 -1.89 -1.04	29.21 -2.39 4.20	23.17 -1.95 4.64	35.40 -2.38 -3.65	40.84 -2.91 2.14	36.42 -3.29 20.82	28.74 -2.35 7.89	29.91 -2.18 4.83	42.09 -2.64 -0.02	49.76 -3.09 -3.34	52.45 -2.38 1.57	49.07 -1.50 0.00
BAYONEEC___CTG1 323682	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG10 323750	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG2 323683	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG3 323684	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG4 323685	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG5 323686	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG6 323687	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00

BAYONEEC___CTG7 323688	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG8 323689	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BAYONEEC___CTG9 323749	44.46 2.03 0.00	38.14 1.65 0.00	38.79 1.61 0.00	39.30 1.65 0.00	41.88 1.70 0.00	41.94 1.67 0.00	35.77 1.58 0.00	37.21 1.90 0.00	38.62 2.11 0.00	37.60 2.31 0.00	30.38 1.97 0.00	34.20 2.15 0.00	38.35 1.86 -9.76	40.94 2.68 -2.47	41.62 2.17 -9.68	64.96 2.23 -28.60	65.53 3.14 -16.51	72.34 4.22 -7.58	54.15 2.76 -12.41	44.71 2.58 -5.21	47.66 2.81 -0.14	81.55 2.87 -29.17	59.53 3.13 0.00	53.23 2.67 0.00
BEACON___LESR 323632	43.95 1.52 0.00	37.78 1.29 0.00	38.52 1.34 0.00	39.02 1.38 0.00	41.62 1.43 0.00	41.74 1.46 0.00	35.35 1.16 0.00	36.67 1.36 0.00	37.84 1.33 0.00	36.61 1.32 0.00	29.50 1.09 0.00	33.35 1.30 0.00	39.48 1.17 -11.58	40.33 1.70 -2.83	42.60 1.34 -11.49	69.69 1.62 -33.94	67.65 2.18 -19.59	72.40 2.86 -9.00	55.54 1.84 -14.72	44.84 1.74 -6.18	46.93 2.05 -0.17	86.16 2.03 -34.61	58.43 2.04 0.00	52.25 1.69 0.00
BEAVER RIVER___HYD 24048	42.39 -0.03 0.00	35.96 -0.53 0.00	36.94 -0.24 0.00	37.25 -0.40 0.00	39.73 -0.45 0.00	39.91 -0.37 0.00	33.96 -0.23 0.00	35.29 -0.02 0.00	35.96 -0.55 0.00	34.17 -1.13 0.00	27.41 -0.99 0.00	31.50 -0.55 0.00	26.55 -0.54 -0.36	34.43 -1.46 -0.09	28.77 -1.36 -0.36	34.22 -0.97 -1.07	45.51 -0.99 -0.61	60.05 -0.77 -0.28	38.57 -0.88 -0.46	35.89 -1.23 -0.19	43.69 -1.03 0.00	49.12 -1.48 -1.09	55.08 -1.32 0.00	49.13 -1.44 0.00
BEEBEE_GT_13 23619	41.09 -1.34 0.00	35.64 -0.84 0.00	36.29 -0.89 0.00	36.77 -0.88 0.00	39.20 -0.98 0.00	39.48 -0.80 0.00	33.33 -0.86 0.00	34.02 -1.29 0.00	35.39 -1.12 0.00	34.21 -1.08 0.00	27.19 -1.22 0.00	30.57 -1.49 0.00	26.27 -1.49 -1.03	33.05 -1.98 0.77	25.43 -1.64 2.69	35.38 -1.91 -3.17	43.93 -2.61 -0.66	43.82 -3.27 13.45	34.76 -2.26 1.95	33.21 -2.10 1.62	42.28 -2.44 -0.02	49.75 -2.71 -2.94	52.81 -2.41 1.18	48.81 -1.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.72 2.30 0.00	38.59 2.11 0.00	39.28 2.10 0.00	39.77 2.12 0.00	42.40 2.22 0.00	42.48 2.20 0.00	36.25 2.06 0.00	37.64 2.33 0.00	39.07 2.57 0.00	38.02 2.73 0.00	30.70 2.30 0.00	34.56 2.51 0.00	38.64 2.15 -9.76	41.36 3.09 -2.47	42.01 2.56 -9.68	65.41 2.68 -28.61	66.11 3.72 -16.51	73.15 5.03 -7.58	54.70 3.31 -12.41	45.22 3.09 -5.21	48.24 3.39 -0.14	82.20 3.51 -29.17	60.27 3.87 0.00	53.89 3.32 0.00
BETHLEHEM___GRP 23843	43.47 1.05 0.00	37.39 0.91 0.00	38.11 0.93 0.00	38.61 0.96 0.00	41.19 1.01 0.00	41.17 0.89 0.00	34.82 0.62 0.00	36.09 0.78 0.00	37.25 0.74 0.00	36.10 0.81 0.00	29.15 0.75 0.00	32.88 0.83 0.00	39.02 0.70 -11.59	39.66 1.02 -2.83	42.03 0.77 -11.50	69.02 0.93 -33.97	66.72 1.24 -19.60	71.18 1.63 -9.00	54.76 1.05 -14.73	44.09 0.99 -6.18	46.06 1.18 -0.17	85.26 1.10 -34.64	57.46 1.06 0.00	51.44 0.88 0.00
BETHLEHEM___GS1 323560	43.47 1.05 0.00	37.40 0.91 0.00	38.11 0.93 0.00	38.61 0.96 0.00	41.19 1.01 0.00	41.17 0.89 0.00	34.82 0.62 0.00	36.09 0.78 0.00	37.25 0.74 0.00	36.10 0.80 0.00	29.15 0.74 0.00	32.88 0.82 0.00	39.02 0.70 -11.59	39.66 1.03 -2.83	42.03 0.77 -11.50	69.03 0.94 -33.97	66.72 1.23 -19.60	71.18 1.63 -9.00	54.76 1.05 -14.73	44.09 0.98 -6.18	46.06 1.18 -0.17	85.26 1.10 -34.64	57.46 1.06 0.00	51.46 0.89 0.00
BETHLEHEM___GS2 323561	43.47 1.05 0.00	37.40 0.91 0.00	38.11 0.93 0.00	38.61 0.96 0.00	41.19 1.01 0.00	41.17 0.89 0.00	34.82 0.62 0.00	36.09 0.78 0.00	37.25 0.74 0.00	36.10 0.80 0.00	29.15 0.74 0.00	32.88 0.82 0.00	39.02 0.70 -11.59	39.66 1.03 -2.83	42.03 0.77 -11.50	69.03 0.94 -33.97	66.72 1.23 -19.60	71.18 1.63 -9.00	54.76 1.05 -14.73	44.09 0.98 -6.18	46.06 1.18 -0.17	85.26 1.10 -34.64	57.46 1.06 0.00	51.46 0.89 0.00
BETHLEHEM___GS3 323562	43.47 1.05 0.00	37.40 0.91 0.00	38.11 0.93 0.00	38.61 0.96 0.00	41.19 1.01 0.00	41.17 0.89 0.00	34.82 0.62 0.00	36.09 0.78 0.00	37.25 0.74 0.00	36.10 0.80 0.00	29.15 0.74 0.00	32.88 0.82 0.00	39.02 0.70 -11.59	39.66 1.03 -2.83	42.03 0.77 -11.50	69.03 0.94 -33.97	66.72 1.23 -19.60	71.18 1.63 -9.00	54.76 1.05 -14.73	44.09 0.98 -6.18	46.06 1.18 -0.17	85.26 1.10 -34.64	57.46 1.06 0.00	51.46 0.89 0.00
BETHLEHEM___STEEL 23779	40.88 -1.55 0.00	35.67 -0.82 0.00	36.38 -0.80 0.00	36.91 -0.74 0.00	39.24 -0.94 0.00	39.58 -0.70 0.00	33.35 -0.85 0.00	33.77 -1.54 0.00	35.31 -1.20 0.00	34.07 -1.22 0.00	26.85 -1.56 0.00	30.06 -2.00 0.00	25.66 -2.12 -1.07	25.32 -2.66 7.82	20.61 -2.30 6.86	35.54 -2.82 -4.23	36.96 -3.84 5.08	26.49 -4.67 29.38	21.52 -3.22 14.24	25.67 -2.95 8.30	41.21 -3.52 -0.02	49.34 -3.98 -3.80	51.13 -3.22 2.05	48.44 -2.13 0.00
BETHLHEM_115KV_TB1 79974	43.45 1.03 0.00	37.38 0.90 0.00	38.10 0.92 0.00	38.61 0.96 0.00	41.18 0.99 0.00	41.17 0.89 0.00	34.85 0.66 0.00	36.13 0.81 0.00	37.29 0.78 0.00	36.13 0.83 0.00	29.16 0.76 0.00	32.89 0.84 0.00	39.04 0.72 -11.59	39.68 1.05 -2.83	42.06 0.80 -11.49	69.02 0.95 -33.95	66.75 1.28 -19.59	71.23 1.69 -9.00	54.79 1.09 -14.72	44.12 1.02 -6.18	46.10 1.22 -0.17	85.28 1.15 -34.62	57.53 1.13 0.00	51.50 0.94 0.00
BETHPAGE_CC_5 323564	44.91 2.49 0.00	38.59 2.11 0.00	39.11 1.93 0.00	39.64 1.99 0.00	42.18 2.00 0.00	42.31 2.04 0.00	36.21 2.02 0.00	37.76 2.45 0.00	39.11 2.60 0.00	38.15 2.85 0.00	31.80 2.34 -1.06	34.46 2.41 0.00	44.51 2.11 -15.68	74.79 3.03 -35.96	42.02 2.57 -9.69	65.31 2.57 -28.61	65.91 3.51 -16.51	72.93 4.80 -7.58	54.29 2.90 -12.41	44.91 2.78 -5.21	47.90 3.05 -0.14	81.79 3.10 -29.18	60.02 3.62 0.00	53.52 2.96 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.09 -1.34 0.00	35.83 -0.65 0.00	36.55 -0.63 0.00	37.09 -0.56 0.00	39.45 -0.74 0.00	39.77 -0.51 0.00	33.49 -0.70 0.00	33.96 -1.35 0.00	35.50 -1.01 0.00	34.28 -1.02 0.00	27.02 -1.39 0.00	30.25 -1.81 0.00	25.87 -1.95 -1.10	26.00 -2.42 7.38	20.86 -2.09 6.82	35.82 -2.58 -4.28	37.67 -3.52 4.69	26.94 -4.25 29.35	22.48 -2.95 13.56	26.25 -2.71 7.97	41.50 -3.23 -0.02	49.69 -3.68 -3.85	51.45 -2.87 2.09	48.74 -1.82 0.00

BINGHAMTON___COGEN 23790	42.35 -0.07 0.00	36.49 0.00 0.00	37.23 0.05 0.00	37.64 -0.01 0.00	40.21 0.02 0.00	40.42 0.14 0.00	34.29 0.10 0.00	35.32 0.01 0.00	36.71 0.20 0.00	35.48 0.19 0.00	28.50 0.09 0.00	32.07 0.01 0.00	29.68 -0.05 -3.00	36.63 0.09 -0.73	32.66 -0.08 -2.98	42.84 -0.07 -8.79	50.92 -0.03 -5.07	62.61 -0.26 -2.33	42.75 -0.04 -3.81	38.48 -0.04 -1.60	44.63 -0.12 -0.04	58.37 -0.11 -8.97	56.29 -0.11 0.00	50.65 0.09 0.00
BIXINCNT_115KV_LOAD 355685	41.49 -0.93 0.00	36.00 -0.48 0.00	36.81 -0.37 0.00	37.64 -0.01 0.00	40.08 -0.11 0.00	40.16 -0.11 0.00	33.57 -0.63 0.00	34.30 -1.01 0.00	36.03 -0.48 0.00	34.81 -0.49 0.00	27.46 -0.94 0.00	30.66 -1.40 0.00	26.42 -1.59 -1.29	28.81 -1.96 5.03	21.55 -1.55 6.67	36.71 -1.93 -4.52	40.30 -2.99 2.59	27.34 -3.84 29.35	26.27 -2.75 9.96	28.01 -2.70 6.21	41.57 -3.16 -0.02	49.96 -3.60 -4.04	51.49 -2.63 2.28	49.15 -1.42 0.00
BLACK RIVER___HYD 24047	42.18 -0.24 0.00	35.88 -0.61 0.00	36.89 -0.29 0.00	37.20 -0.45 0.00	39.61 -0.58 0.00	39.78 -0.50 0.00	33.81 -0.38 0.00	35.23 -0.08 0.00	35.94 -0.57 0.00	34.24 -1.05 0.00	27.47 -0.93 0.00	31.51 -0.55 0.00	26.69 -0.52 -0.49	34.70 -1.21 -0.12	28.95 -1.30 -0.48	34.48 -1.07 -1.42	45.53 -1.18 -0.82	59.80 -1.12 -0.38	38.72 -0.87 -0.62	35.99 -1.19 -0.26	43.68 -1.04 -0.01	49.45 -1.52 -1.45	54.93 -1.47 0.00	49.06 -1.50 0.00
BLACKRVR_115KV_TB2 79977	42.18 -0.24 0.00	35.88 -0.61 0.00	36.89 -0.29 0.00	37.20 -0.45 0.00	39.61 -0.58 0.00	39.78 -0.50 0.00	33.81 -0.38 0.00	35.23 -0.08 0.00	35.94 -0.57 0.00	34.24 -1.05 0.00	27.47 -0.93 0.00	31.50 -0.55 0.00	26.69 -0.52 -0.49	34.70 -1.21 -0.12	28.95 -1.30 -0.48	34.48 -1.07 -1.42	45.53 -1.17 -0.82	59.78 -1.14 -0.38	38.72 -0.88 -0.62	35.99 -1.19 -0.26	43.68 -1.03 -0.01	49.45 -1.51 -1.45	54.94 -1.46 0.00	49.07 -1.50 0.00
BLISS_WT_PWR 323608	41.31 -0.99 0.12	35.93 -0.56 0.00	36.76 -0.42 0.00	37.65 0.00 0.00	40.09 -0.09 0.00	40.14 -0.13 0.00	33.42 -0.73 0.03	33.95 -1.04 0.32	36.03 -0.47 0.00	34.76 -0.50 0.04	27.43 -0.98 0.00	30.55 -1.50 0.00	26.35 -1.66 -1.29	28.67 -2.10 5.03	21.46 -1.63 6.67	35.45 -1.95 -3.28	37.95 -3.12 4.81	27.02 -4.17 29.35	26.11 -2.91 9.96	27.81 -2.89 6.21	41.34 -3.39 -0.02	49.27 -3.85 -3.61	50.71 -2.93 2.76	48.90 -1.66 0.00
BLUESTONE___WT_PWR 323821	42.23 -0.22 -0.02	36.80 0.32 0.00	37.91 0.73 0.00	38.48 0.83 0.00	41.56 1.38 0.00	41.97 1.69 0.00	35.73 1.54 -0.01	36.90 1.52 -0.06	38.61 2.10 0.00	37.27 1.97 -0.01	29.78 1.37 0.00	33.23 1.17 0.00	30.91 0.92 -3.27	39.44 1.87 -1.78	38.04 0.88 -7.40	45.22 1.39 -9.70	55.21 2.26 -7.07	80.71 1.72 -18.45	47.96 1.42 -7.56	42.43 1.47 -4.04	46.07 1.32 -0.05	60.70 1.13 -10.05	59.49 1.66 -1.43	52.14 1.58 0.00
BLUE_CIRC_CHEM_DRP 24182	43.81 1.39 0.00	37.70 1.22 0.00	38.43 1.25 0.00	38.94 1.29 0.00	41.56 1.38 0.00	41.57 1.30 0.00	35.26 1.06 0.00	36.51 1.20 0.00	37.62 1.12 0.00	36.27 0.97 0.00	29.22 0.82 0.00	33.03 0.97 0.00	39.04 0.90 -11.42	39.90 1.31 -2.79	42.15 1.06 -11.33	68.84 1.25 -33.46	66.90 1.70 -19.31	71.64 2.23 -8.87	54.92 1.43 -14.51	44.36 1.34 -6.09	46.50 1.63 -0.17	85.27 1.63 -34.13	58.10 1.70 0.00	52.05 1.49 0.00
BOC_GAS_DRP 24189	43.32 0.90 0.00	37.26 0.77 0.00	37.98 0.80 0.00	38.48 0.83 0.00	41.06 0.87 0.00	41.08 0.80 0.00	34.88 0.69 0.00	36.15 0.83 0.00	37.33 0.82 0.00	36.15 0.85 0.00	29.14 0.74 0.00	32.88 0.82 0.00	38.99 0.73 -11.55	39.65 1.03 -2.82	42.04 0.83 -11.45	68.89 0.94 -33.82	66.67 1.26 -19.52	71.19 1.69 -8.97	54.74 1.09 -14.67	44.11 1.03 -6.16	46.10 1.23 -0.17	85.18 1.17 -34.49	57.60 1.20 0.00	51.59 1.03 0.00
BOONVILLE_115KV_TB1 79983	43.03 0.61 0.00	36.76 0.27 0.00	37.62 0.44 0.00	38.01 0.36 0.00	40.60 0.42 0.00	40.75 0.48 0.00	34.67 0.48 0.00	35.90 0.59 0.00	36.90 0.39 0.00	35.33 0.04 0.00	28.38 -0.02 0.00	32.34 0.29 0.00	27.20 0.17 -0.30	35.71 -0.16 -0.07	29.95 -0.12 -0.30	35.17 0.16 -0.88	46.85 0.45 -0.51	61.57 0.79 -0.23	39.69 0.32 -0.38	37.19 0.10 -0.16	45.06 0.35 0.00	50.59 0.17 -0.90	56.72 0.32 0.00	50.72 0.15 0.00
BORALEX_4TH_BRANCH 23824	44.58 2.16 0.00	38.37 1.89 0.00	39.20 2.02 0.00	39.73 2.08 0.00	42.42 2.24 0.00	42.21 1.94 0.00	36.04 1.85 0.00	37.45 2.13 0.00	38.55 2.05 0.00	37.12 1.83 0.00	29.82 1.42 0.00	33.78 1.73 0.00	39.78 1.50 -11.56	40.75 2.12 -2.83	43.14 1.91 -11.46	70.38 2.39 -33.86	68.46 3.04 -19.54	73.35 3.84 -8.98	56.15 2.49 -14.69	45.40 2.32 -6.17	47.96 3.08 -0.17	87.18 3.13 -34.54	59.57 3.17 0.00	53.30 2.73 0.00
BOWLINE___1 23526	44.01 1.58 0.00	37.77 1.28 0.00	38.43 1.26 0.00	38.96 1.31 0.00	41.54 1.36 0.00	41.61 1.34 0.00	35.53 1.34 0.00	36.94 1.63 0.00	38.27 1.76 0.00	37.20 1.91 0.00	30.01 1.60 0.00	33.79 1.73 0.00	37.75 1.50 -9.53	40.12 2.15 -2.17	40.97 1.76 -9.45	63.86 1.83 -27.92	64.62 2.63 -16.11	71.53 3.60 -7.40	53.43 2.34 -12.11	44.18 2.17 -5.08	47.21 2.36 -0.14	80.35 2.36 -28.47	58.96 2.56 0.00	52.78 2.22 0.00
BOWLINE___2 23595	44.01 1.58 0.00	37.77 1.28 0.00	38.43 1.26 0.00	38.96 1.31 0.00	41.54 1.36 0.00	41.61 1.34 0.00	35.53 1.34 0.00	36.94 1.63 0.00	38.27 1.76 0.00	37.20 1.91 0.00	30.01 1.60 0.00	33.79 1.73 0.00	37.75 1.50 -9.53	40.12 2.15 -2.17	40.97 1.76 -9.45	63.87 1.83 -27.92	64.62 2.63 -16.11	71.54 3.60 -7.40	53.43 2.34 -12.11	44.18 2.17 -5.08	47.21 2.36 -0.14	80.35 2.36 -28.47	58.96 2.56 0.00	52.78 2.22 0.00
BRADY___115KV_TB2 356060	43.39 0.96 0.00	36.50 0.02 0.00	36.97 -0.21 0.00	37.40 -0.25 0.00	40.07 -0.11 0.00	40.38 0.11 0.00	34.28 0.09 0.00	35.48 0.17 0.00	36.45 -0.06 0.00	34.31 -0.98 0.00	27.21 -1.20 0.00	31.31 -0.74 0.00	26.28 -0.61 -0.17	34.47 -1.37 -0.04	28.72 -1.21 -0.17	33.97 -0.65 -0.49	45.42 -0.74 -0.28	60.62 -0.04 -0.13	38.35 -0.84 -0.21	35.77 -1.24 -0.09	43.77 -0.94 0.00	48.96 -1.06 -0.50	55.97 -0.43 0.00	49.54 -1.02 0.00
BRANSCOMB___SOLAR 323811	44.46 2.04 0.00	38.28 1.79 0.00	39.05 1.87 0.00	39.56 1.91 0.00	42.24 2.06 0.00	42.36 2.09 0.00	36.11 1.92 0.00	37.46 2.15 0.00	38.65 2.15 0.00	37.18 1.89 0.00	29.78 1.38 0.00	33.70 1.65 0.00	40.06 1.46 -11.88	40.73 2.03 -2.90	43.32 1.78 -11.78	71.08 2.16 -34.80	69.01 3.05 -20.08	73.71 3.94 -9.22	56.62 2.54 -15.09	45.65 2.39 -6.34	47.72 2.84 -0.17	87.92 2.92 -35.49	59.55 3.15 0.00	53.26 2.70 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.28 2.85 0.00	38.91 2.43 0.00	39.40 2.22 0.00	39.93 2.28 0.00	42.48 2.30 0.00	42.62 2.34 0.00	36.50 2.31 0.00	38.12 2.81 0.00	39.43 2.92 0.00	38.54 3.25 0.00	31.94 2.61 -0.92	34.71 2.66 0.00	43.93 2.30 -14.91	70.88 3.48 -31.60	42.43 2.98 -9.69	65.80 3.07 -28.61	66.69 4.30 -16.51	73.98 5.86 -7.58	54.88 3.49 -12.41	45.48 3.35 -5.21	48.61 3.75 -0.14	82.54 3.84 -29.18	60.73 4.33 0.00	54.07 3.51 0.00

BRISTLHL_115KV_TB1 79998	41.38 -1.04 0.00	35.66 -0.82 0.00	36.34 -0.84 0.00	36.79 -0.86 0.00	39.28 -0.90 0.00	39.40 -0.87 0.00	33.37 -0.82 0.00	34.32 -0.99 0.00	35.50 -1.01 0.00	34.32 -0.97 0.00	27.60 -0.80 0.00	31.16 -0.90 0.00	26.68 -0.77 -0.73	34.85 -1.13 -0.18	29.60 -0.89 -0.72	35.24 -1.01 -2.13	45.73 -1.39 -1.23	59.24 -1.86 -0.56	38.75 -1.15 -0.92	36.25 -1.06 -0.39	43.46 -1.26 -0.01	50.48 -1.21 -2.17	55.06 -1.33 0.00	49.45 -1.11 0.00
BROOKHAVEN___DRP 24191	45.05 2.63 0.00	38.69 2.20 0.00	39.17 1.99 0.00	39.70 2.06 0.00	42.24 2.05 0.00	42.43 2.15 0.00	36.35 2.15 0.00	37.97 2.65 0.00	39.29 2.78 0.00	38.46 3.17 0.00	31.88 2.57 -0.91	34.63 2.58 0.00	43.78 2.23 -14.82	70.27 3.36 -31.11	42.32 2.87 -9.69	65.63 2.90 -28.61	66.39 3.99 -16.51	73.55 5.43 -7.58	54.49 3.10 -12.41	45.21 3.08 -5.21	48.25 3.40 -0.14	82.05 3.36 -29.18	60.21 3.81 0.00	53.39 2.83 0.00
BROOKLYN_NAVY_YARD 23515	44.38 1.95 0.00	38.06 1.57 0.00	38.72 1.54 0.00	39.22 1.57 0.00	41.83 1.64 0.00	41.86 1.58 0.00	35.69 1.50 0.00	37.14 1.83 0.00	38.56 2.05 0.00	37.55 2.26 0.00	30.33 1.93 0.00	34.16 2.10 0.00	38.31 1.82 -9.76	40.89 2.63 -2.47	41.58 2.13 -9.68	64.91 2.18 -28.60	65.43 3.04 -16.51	72.23 4.11 -7.58	54.07 2.68 -12.41	44.64 2.51 -5.21	47.58 2.73 -0.14	81.48 2.80 -29.17	59.40 3.00 0.00	53.13 2.57 0.00
BROOKLYN___ARMY_DRP 323595	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
BROOKVLE_69_KV_TB1 55790	44.83 2.41 0.00	38.52 2.04 0.00	39.09 1.91 0.00	39.62 1.97 0.00	42.20 2.01 0.00	42.31 2.04 0.00	36.17 1.98 0.00	37.65 2.34 0.00	39.05 2.54 0.00	38.04 2.74 0.00	32.15 2.26 -1.49	34.46 2.41 0.00	46.88 2.10 -18.06	88.27 3.01 -49.46	41.96 2.52 -9.69	65.35 2.62 -28.61	66.06 3.67 -16.51	73.11 4.99 -7.58	54.49 3.11 -12.41	45.07 2.94 -5.21	48.11 3.26 -0.14	82.03 3.33 -29.18	60.11 3.72 0.00	53.64 3.08 0.00
BROOME_2_LFGE 323671	42.38 -0.08 -0.03	36.49 0.00 0.00	37.23 0.05 0.00	37.64 -0.01 0.00	40.21 0.02 0.00	40.42 0.14 0.00	34.30 0.10 -0.01	35.41 0.01 -0.09	36.71 0.20 0.00	35.50 0.19 -0.01	28.50 0.10 0.00	32.07 0.02 0.00	29.67 -0.06 -3.00	36.62 0.09 -0.73	32.65 -0.09 -2.98	43.18 -0.08 -9.14	51.54 -0.04 -5.69	62.57 -0.30 -2.33	42.74 -0.05 -3.81	38.47 -0.05 -1.60	44.63 -0.12 -0.04	58.50 -0.11 -9.09	56.43 -0.11 -0.14	50.65 0.09 0.00
BROOME___LFGE 323600	42.38 -0.08 -0.03	36.49 0.00 0.00	37.23 0.05 0.00	37.64 -0.01 0.00	40.21 0.02 0.00	40.42 0.14 0.00	34.30 0.10 -0.01	35.41 0.01 -0.09	36.71 0.20 0.00	35.50 0.19 -0.01	28.50 0.10 0.00	32.07 0.02 0.00	29.67 -0.06 -3.00	36.62 0.09 -0.73	32.65 -0.09 -2.98	43.18 -0.08 -9.14	51.54 -0.04 -5.69	62.57 -0.30 -2.33	42.74 -0.05 -3.81	38.47 -0.05 -1.60	44.63 -0.12 -0.04	58.50 -0.11 -9.09	56.43 -0.11 -0.14	50.65 0.09 0.00
BROWNFLS_115KV_TB_3_5 80003	42.59 0.16 0.00	35.99 -0.50 0.00	36.75 -0.42 0.00	37.10 -0.55 0.00	39.65 -0.54 0.00	39.84 -0.43 0.00	33.87 -0.32 0.00	35.14 -0.18 0.00	35.94 -0.58 0.00	34.01 -1.28 0.00	27.19 -1.21 0.00	31.28 -0.78 0.00	26.31 -0.70 -0.28	34.26 -1.61 -0.07	28.59 -1.46 -0.28	33.92 -1.04 -0.84	45.16 -1.21 -0.48	59.85 -0.91 -0.22	38.19 -1.16 -0.36	35.57 -1.51 -0.15	43.40 -1.32 0.00	48.70 -1.67 -0.85	55.04 -1.36 0.00	48.93 -1.63 0.00
BROWNSV1_27_KV_LOAD 356125	44.81 2.39 0.00	38.45 1.96 0.00	39.12 1.94 0.00	39.61 1.96 0.00	42.24 2.05 0.00	42.30 2.02 0.00	36.07 1.87 0.00	37.55 2.24 0.00	38.98 2.47 0.00	37.94 2.65 0.00	30.66 2.25 0.00	34.53 2.48 0.00	38.62 2.13 -9.76	41.32 3.05 -2.47	41.93 2.48 -9.68	65.32 2.59 -28.60	66.03 3.64 -16.51	73.02 4.90 -7.58	54.57 3.18 -12.41	45.10 2.97 -5.21	48.15 3.30 -0.14	82.08 3.39 -29.17	60.10 3.70 0.00	53.75 3.19 0.00
BURROWS___LYONSDAL 23803	42.87 0.44 0.00	36.55 0.06 0.00	37.48 0.30 0.00	37.84 0.19 0.00	40.39 0.21 0.00	40.55 0.28 0.00	34.51 0.32 0.00	35.77 0.46 0.00	36.64 0.14 0.00	35.02 -0.27 0.00	28.12 -0.28 0.00	32.14 0.08 0.00	27.03 -0.01 -0.32	35.33 -0.54 -0.08	29.60 -0.47 -0.31	34.91 -0.14 -0.92	46.52 0.11 -0.53	61.18 0.39 -0.24	39.38 0.00 -0.40	36.84 -0.25 -0.17	44.71 0.00 0.00	50.19 -0.27 -0.94	56.29 -0.11 0.00	50.30 -0.27 0.00
CAITHNESS_CC_1 323624	44.96 2.54 0.00	38.62 2.14 0.00	39.11 1.93 0.00	39.63 1.98 0.00	42.16 1.98 0.00	42.35 2.07 0.00	36.27 2.08 0.00	37.88 2.57 0.00	39.20 2.69 0.00	38.36 3.06 0.00	31.81 2.50 -0.91	34.56 2.50 0.00	43.71 2.16 -14.82	70.17 3.26 -31.10	42.25 2.81 -9.69	65.55 2.82 -28.61	66.29 3.90 -16.51	73.43 5.31 -7.58	54.45 3.07 -12.41	45.15 3.02 -5.21	48.18 3.33 -0.14	82.01 3.32 -29.18	60.19 3.79 0.00	53.40 2.84 0.00
CALPINE BETH_PAGE_GT4 24209	44.89 2.47 0.00	38.58 2.09 0.00	39.11 1.93 0.00	39.63 1.98 0.00	42.18 1.99 0.00	42.31 2.04 0.00	36.20 2.01 0.00	37.74 2.43 0.00	39.09 2.58 0.00	38.14 2.84 0.00	31.85 2.31 -1.13	34.45 2.39 0.00	44.88 2.10 -16.06	76.98 3.03 -38.15	42.02 2.58 -9.69	65.35 2.61 -28.61	65.91 3.52 -16.51	72.94 4.81 -7.58	54.30 2.92 -12.41	44.92 2.79 -5.21	47.92 3.06 -0.14	81.83 3.14 -29.18	60.09 3.69 0.00	53.59 3.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.89 2.47 0.00	38.58 2.09 0.00	39.11 1.93 0.00	39.63 1.98 0.00	42.18 1.99 0.00	42.31 2.04 0.00	36.20 2.01 0.00	37.74 2.43 0.00	39.09 2.58 0.00	38.14 2.84 0.00	31.85 2.32 -1.13	34.45 2.39 0.00	44.88 2.09 -16.06	76.99 3.04 -38.15	42.03 2.58 -9.69	65.35 2.62 -28.61	65.91 3.52 -16.51	72.93 4.81 -7.58	54.31 2.92 -12.41	44.92 2.79 -5.21	47.92 3.06 -0.14	81.83 3.14 -29.18	60.11 3.71 0.00	53.59 3.03 0.00
CALPINE_BP_GT1 23823	44.89 2.47 0.00	38.58 2.09 0.00	39.11 1.93 0.00	39.63 1.98 0.00	42.18 1.99 0.00	42.31 2.04 0.00	36.20 2.01 0.00	37.74 2.43 0.00	39.09 2.58 0.00	38.14 2.84 0.00	31.85 2.32 -1.13	34.45 2.39 0.00	44.88 2.09 -16.06	76.99 3.04 -38.15	42.03 2.58 -9.69	65.35 2.62 -28.61	65.91 3.52 -16.51	72.93 4.81 -7.58	54.31 2.92 -12.41	44.92 2.79 -5.21	47.92 3.06 -0.14	81.83 3.14 -29.18	60.11 3.71 0.00	53.59 3.03 0.00
CALSPAN___DRP 24200	40.88 -1.55 0.00	35.67 -0.82 0.00	36.38 -0.80 0.00	36.91 -0.74 0.00	39.24 -0.94 0.00	39.58 -0.70 0.00	33.35 -0.85 0.00	33.77 -1.54 0.00	35.31 -1.20 0.00	34.07 -1.22 0.00	26.85 -1.56 0.00	30.06 -2.00 0.00	25.66 -2.12 -1.07	25.32 -2.66 7.82	20.61 -2.30 6.86	35.54 -2.82 -4.23	36.96 -3.84 5.08	26.49 -4.67 29.38	21.52 -3.22 14.24	25.67 -2.95 8.30	41.21 -3.52 -0.02	49.34 -3.98 -3.80	51.13 -3.22 2.05	48.44 -2.13 0.00

CALVERTON___SOLAR 323806	45.12 2.70 0.00	38.74 2.26 0.00	39.22 2.05 0.00	39.75 2.10 0.00	42.29 2.10 0.00	42.51 2.23 0.00	36.41 2.22 0.00	38.05 2.74 0.00	39.38 2.87 0.00	38.56 3.27 0.00	31.95 2.64 -0.91	34.71 2.65 0.00	43.85 2.30 -14.82	70.39 3.47 -31.12	42.42 2.97 -9.69	65.73 3.00 -28.61	66.53 4.14 -16.51	73.70 5.58 -7.58	54.56 3.17 -12.41	45.30 3.17 -5.21	48.35 3.50 -0.14	82.14 3.45 -29.18	60.32 3.93 0.00	53.40 2.84 0.00
CANDIGU_WT_PWR 323617	41.15 -1.31 -0.03	35.56 -0.93 0.00	36.28 -0.90 0.00	36.77 -0.88 0.00	39.30 -0.89 0.00	39.73 -0.54 0.00	33.51 -0.69 -0.01	34.32 -1.08 -0.09	35.85 -0.65 0.00	34.66 -0.64 -0.01	27.50 -0.90 0.00	30.52 -1.54 0.00	25.09 -1.68 -0.05	-8.14 -2.11 41.82	7.08 -1.96 20.72	38.38 -1.98 -6.24	9.80 -2.80 33.29	-22.73 -4.05 79.22	-34.60 -2.50 71.08	-3.70 -2.44 38.18	41.76 -2.98 -0.03	51.52 -3.18 -5.19	49.62 -3.18 3.61	48.20 -2.36 0.00
CARR STREET_E_SYR 24060	41.79 -0.63 0.00	36.02 -0.46 0.00	36.72 -0.46 0.00	37.17 -0.48 0.00	39.69 -0.50 0.00	39.82 -0.46 0.00	33.73 -0.46 0.00	34.70 -0.61 0.00	35.93 -0.58 0.00	34.75 -0.54 0.00	27.96 -0.45 0.00	31.51 -0.55 0.00	27.05 -0.50 -0.83	35.34 -0.66 -0.20	30.03 -0.56 -0.83	35.90 -0.66 -2.44	46.38 -0.92 -1.41	59.91 -1.28 -0.65	39.26 -0.77 -1.06	36.66 -0.70 -0.44	43.88 -0.84 -0.01	51.22 -0.78 -2.49	55.58 -0.82 0.00	49.92 -0.64 0.00
CARTHAGE___PAPER 23857	42.59 0.16 0.00	36.15 -0.34 0.00	37.16 -0.03 0.00	37.46 -0.19 0.00	39.92 -0.26 0.00	40.12 -0.15 0.00	34.13 -0.06 0.00	35.51 0.20 0.00	36.21 -0.30 0.00	34.43 -0.87 0.00	27.62 -0.78 0.00	31.72 -0.33 0.00	26.82 -0.34 -0.44	34.82 -1.09 -0.11	29.09 -1.11 -0.44	34.65 -0.76 -1.29	45.90 -0.72 -0.74	60.43 -0.45 -0.34	38.95 -0.59 -0.56	36.21 -0.95 -0.23	44.01 -0.71 -0.01	49.67 -1.16 -1.31	55.40 -1.00 0.00	49.42 -1.14 0.00
CASSADAGA_WT_PWR 323784	41.20 -1.12 0.10	36.38 -0.11 0.00	37.21 0.03 0.00	37.76 0.11 0.00	39.57 -0.62 0.00	40.13 -0.14 0.00	34.05 -0.11 0.03	34.23 -0.81 0.28	35.90 -0.61 0.00	34.62 -0.64 0.03	27.25 -1.15 0.00	30.43 -1.62 0.00	26.04 -1.90 -1.21	27.11 -2.71 5.97	20.53 -2.39 6.85	34.62 -2.83 -3.33	36.62 -3.88 5.38	25.95 -4.77 29.82	24.58 -2.94 11.46	27.56 -2.40 6.97	41.46 -3.27 -0.02	49.65 -3.44 -3.57	51.00 -2.74 2.67	48.77 -1.79 0.00
CE_DUNWOOD___DRP 24194	44.25 1.82 0.00	37.97 1.49 0.00	38.65 1.47 0.00	39.15 1.50 0.00	41.74 1.56 0.00	41.81 1.54 0.00	35.69 1.50 0.00	37.13 1.82 0.00	38.49 1.99 0.00	37.43 2.14 0.00	30.20 1.80 0.00	34.01 1.95 0.00	38.17 1.70 -9.75	40.70 2.43 -2.47	41.41 1.97 -9.67	64.76 2.08 -28.56	65.31 2.95 -16.48	72.09 3.98 -7.57	53.97 2.60 -12.39	44.54 2.42 -5.20	47.51 2.66 -0.14	81.34 2.70 -29.12	59.30 2.90 0.00	53.05 2.49 0.00
CE_MILLWOOD___DRP 24193	44.16 1.74 0.00	37.90 1.41 0.00	38.57 1.39 0.00	39.08 1.43 0.00	41.67 1.49 0.00	41.75 1.47 0.00	35.63 1.44 0.00	37.06 1.75 0.00	38.41 1.90 0.00	37.34 2.05 0.00	30.12 1.72 0.00	33.93 1.88 0.00	38.07 1.63 -9.72	40.59 2.33 -2.47	41.30 1.90 -9.64	64.59 2.00 -28.46	65.15 2.84 -16.43	71.93 3.85 -7.55	53.83 2.50 -12.35	44.44 2.33 -5.18	47.41 2.56 -0.14	81.13 2.58 -29.03	59.18 2.78 0.00	52.96 2.39 0.00
CE_NYC2_DRP 24202	44.51 2.09 0.00	38.26 1.77 0.00	38.92 1.74 0.00	39.41 1.76 0.00	42.03 1.84 0.00	42.09 1.81 0.00	35.89 1.70 0.00	37.33 2.02 0.00	38.74 2.23 0.00	37.72 2.43 0.00	30.48 2.07 0.00	34.30 2.25 0.00	38.42 1.93 -9.76	41.03 2.77 -2.47	41.70 2.26 -9.68	65.06 2.33 -28.61	65.66 3.27 -16.51	72.49 4.37 -7.58	54.27 2.88 -12.41	44.82 2.69 -5.21	47.77 2.92 -0.14	81.67 2.98 -29.17	59.66 3.26 0.00	53.35 2.79 0.00
CE_NYC_DRP 24195	44.51 2.08 0.00	38.19 1.71 0.00	38.86 1.68 0.00	39.34 1.70 0.00	41.94 1.76 0.00	42.00 1.72 0.00	35.82 1.63 0.00	37.27 1.96 0.00	38.68 2.17 0.00	37.66 2.36 0.00	30.43 2.02 0.00	34.27 2.22 0.00	38.40 1.92 -9.76	41.01 2.75 -2.47	41.67 2.23 -9.68	65.02 2.29 -28.60	65.61 3.22 -16.51	72.45 4.33 -7.58	54.22 2.83 -12.41	44.77 2.65 -5.21	47.74 2.89 -0.14	81.65 2.96 -29.17	59.62 3.22 0.00	53.33 2.77 0.00
CHAFFEE___LFGE 323603	41.05 -1.27 0.10	35.88 -0.61 0.00	36.58 -0.60 0.00	37.10 -0.55 0.00	39.46 -0.72 0.00	39.82 -0.45 0.00	33.52 -0.64 0.03	33.75 -1.28 0.28	35.59 -0.92 0.00	34.36 -0.91 0.03	27.12 -1.29 0.00	30.36 -1.70 0.00	26.04 -1.86 -1.18	27.12 -2.27 6.42	21.00 -2.00 6.76	34.97 -2.42 -3.27	36.75 -3.34 5.80	27.12 -4.05 29.37	24.15 -2.75 12.08	27.14 -2.54 7.25	41.64 -3.09 -0.02	49.57 -3.48 -3.54	51.11 -2.70 2.60	48.86 -1.71 0.00
CHATEAUG_35_KV_LOAD 355732	42.99 0.56 0.00	36.14 -0.34 0.00	36.56 -0.62 0.00	37.05 -0.60 0.00	39.73 -0.46 0.00	40.09 -0.18 0.00	33.98 -0.21 0.00	35.17 -0.14 0.00	36.11 -0.40 0.00	34.06 -1.23 0.00	27.12 -1.28 0.00	31.19 -0.86 0.00	25.90 -0.82 0.00	33.97 -1.83 0.00	28.20 -1.57 0.00	32.95 -1.17 0.00	44.25 -1.63 0.00	59.30 -1.24 0.00	37.26 -1.72 0.00	34.79 -2.13 0.00	42.65 -2.05 0.00	47.29 -2.23 0.00	54.90 -1.50 0.00	48.38 -2.19 0.00
CHATEAUG_WT_PWR 323614	43.01 0.59 0.00	36.19 -0.30 0.00	36.59 -0.59 0.00	37.10 -0.55 0.00	39.80 -0.38 0.00	40.17 -0.11 0.00	34.05 -0.14 0.00	35.24 -0.08 0.00	36.15 -0.36 0.00	34.12 -1.17 0.00	27.14 -1.26 0.00	31.27 -0.79 0.00	25.95 -0.77 0.00	34.05 -1.75 0.00	28.29 -1.47 0.00	32.97 -1.15 0.00	44.24 -1.64 0.00	59.34 -1.20 0.00	37.23 -1.75 0.00	34.74 -2.18 0.00	42.60 -2.10 0.00	47.18 -2.33 0.00	54.88 -1.52 0.00	48.35 -2.21 0.00
CHAT_HIGH_FALL_HYD 323578	42.99 0.56 0.00	36.14 -0.34 0.00	36.56 -0.62 0.00	37.05 -0.60 0.00	39.73 -0.46 0.00	40.09 -0.18 0.00	33.98 -0.21 0.00	35.17 -0.14 0.00	36.11 -0.40 0.00	34.06 -1.23 0.00	27.12 -1.28 0.00	31.19 -0.86 0.00	25.90 -0.82 0.00	33.97 -1.83 0.00	28.20 -1.57 0.00	32.95 -1.17 0.00	44.25 -1.63 0.00	59.30 -1.24 0.00	37.26 -1.72 0.00	34.79 -2.13 0.00	42.65 -2.05 0.00	47.29 -2.23 0.00	54.90 -1.50 0.00	48.38 -2.19 0.00
CHAUTAUQUA___LFGE 323629	40.86 -1.46 0.09	35.97 -0.52 0.00	36.76 -0.42 0.00	37.29 -0.36 0.00	39.30 -0.89 0.00	39.78 -0.49 0.00	33.61 -0.55 0.03	33.82 -1.23 0.26	35.56 -0.95 0.00	34.24 -1.03 0.03	26.98 -1.43 0.00	30.22 -1.83 0.00	25.82 -2.01 -1.12	25.71 -2.75 7.34	20.38 -2.42 6.96	34.51 -2.92 -3.31	35.56 -3.89 6.43	25.82 -4.78 29.94	22.34 -3.09 13.56	26.26 -2.67 7.99	41.35 -3.38 -0.02	49.28 -3.74 -3.51	50.85 -3.01 2.53	48.46 -2.10 0.00
CHERRYST_13_KV_LD 356241	44.61 2.19 0.00	38.28 1.80 0.00	38.94 1.76 0.00	39.44 1.79 0.00	42.04 1.85 0.00	42.11 1.83 0.00	35.91 1.72 0.00	37.37 2.06 0.00	38.79 2.28 0.00	37.79 2.50 0.00	30.52 2.11 0.00	34.38 2.32 0.00	38.49 2.01 -9.76	41.13 2.86 -2.47	41.77 2.32 -9.68	65.13 2.40 -28.60	65.77 3.38 -16.51	72.65 4.54 -7.58	54.34 2.96 -12.41	44.89 2.76 -5.21	47.86 3.01 -0.14	81.79 3.11 -29.17	59.78 3.38 0.00	53.47 2.90 0.00

CHESTROR_138KV_BK263 355645	43.89 1.47 0.00	37.68 1.20 0.00	38.37 1.19 0.00	38.88 1.23 0.00	41.47 1.28 0.00	41.54 1.26 0.00	35.45 1.26 0.00	36.83 1.52 0.00	38.15 1.65 0.00	37.03 1.73 0.00	29.83 1.43 0.00	33.65 1.59 0.00	37.22 1.38 -9.12	39.90 1.97 -2.13	40.43 1.62 -9.04	62.55 1.70 -26.72	63.76 2.46 -15.42	70.96 3.34 -7.08	52.74 2.18 -11.59	43.81 2.02 -4.87	47.05 2.21 -0.13	78.99 2.23 -27.25	58.80 2.40 0.00	52.63 2.07 0.00
CH_MIDHUDSON___DRP 24192	44.16 1.73 0.00	37.92 1.43 0.00	38.62 1.44 0.00	39.13 1.48 0.00	41.72 1.53 0.00	41.81 1.54 0.00	35.69 1.50 0.00	37.10 1.79 0.00	38.44 1.94 0.00	37.31 2.01 0.00	30.08 1.68 0.00	33.94 1.88 0.00	38.25 1.63 -9.90	40.52 2.30 -2.42	41.46 1.88 -9.81	65.16 2.04 -29.00	65.53 2.92 -16.73	72.13 3.91 -7.69	54.11 2.56 -12.58	44.57 2.37 -5.28	47.51 2.66 -0.15	81.76 2.67 -29.57	59.23 2.83 0.00	53.01 2.45 0.00
CH_MISC_IPPS 23765	44.45 2.03 0.00	38.16 1.68 0.00	38.86 1.68 0.00	39.36 1.71 0.00	41.98 1.79 0.00	42.09 1.81 0.00	35.93 1.74 0.00	37.36 2.05 0.00	38.71 2.21 0.00	37.56 2.27 0.00	30.28 1.88 0.00	34.18 2.13 0.00	38.31 1.82 -9.76	40.77 2.58 -2.39	41.56 2.12 -9.68	65.02 2.29 -28.60	65.66 3.27 -16.51	72.54 4.42 -7.58	54.26 2.87 -12.41	44.80 2.67 -5.21	47.85 3.00 -0.14	81.72 3.04 -29.17	59.66 3.26 0.00	53.39 2.82 0.00
CH_RES_BVR_FALLS 23983	42.46 0.04 0.00	36.07 -0.42 0.00	36.70 -0.48 0.00	37.13 -0.52 0.00	39.69 -0.49 0.00	39.89 -0.39 0.00	33.79 -0.40 0.00	34.90 -0.41 0.00	35.91 -0.60 0.00	34.26 -1.03 0.00	27.44 -0.96 0.00	31.26 -0.79 0.00	26.03 -0.69 0.00	34.50 -1.30 0.00	28.62 -1.14 0.00	33.17 -0.96 0.00	44.68 -1.21 0.00	59.44 -1.10 0.00	37.84 -1.14 0.00	35.64 -1.28 0.00	43.51 -1.20 0.00	48.21 -1.31 0.00	55.38 -1.02 0.00	49.36 -1.20 0.00
CH_RES_NIAGARA 23895	39.48 -2.94 0.00	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.99 0.00	32.13 -2.06 0.00	32.49 -2.82 0.00	33.95 -2.55 0.00	32.79 -2.50 0.00	25.77 -2.63 0.00	28.84 -3.22 0.00	24.66 -3.11 -1.05	25.66 -4.13 6.01	20.70 -3.39 5.67	33.87 -4.18 -3.92	36.51 -5.76 3.62	28.49 -7.24 24.81	22.96 -4.99 11.03	25.78 -4.60 6.54	39.39 -5.34 -0.02	47.02 -6.05 -3.56	49.21 -5.40 1.79	46.76 -3.80 0.00
CH_RES_SYRACUSE 23985	42.02 -0.40 0.00	36.20 -0.28 0.00	36.91 -0.27 0.00	37.36 -0.29 0.00	39.90 -0.29 0.00	40.05 -0.23 0.00	33.92 -0.27 0.00	34.90 -0.42 0.00	36.14 -0.37 0.00	34.93 -0.36 0.00	28.11 -0.29 0.00	31.67 -0.39 0.00	27.31 -0.34 -0.93	35.57 -0.46 -0.23	30.28 -0.41 -0.92	36.37 -0.47 -2.71	46.82 -0.62 -1.57	60.36 -0.89 -0.72	39.63 -0.53 -1.18	36.94 -0.47 -0.49	44.17 -0.55 -0.01	51.82 -0.46 -2.77	55.90 -0.49 0.00	50.22 -0.34 0.00
CLINTON_WT_PWR 323605	43.01 0.59 0.00	36.19 -0.30 0.00	36.59 -0.59 0.00	37.10 -0.55 0.00	39.80 -0.38 0.00	40.17 -0.11 0.00	34.05 -0.14 0.00	35.24 -0.08 0.00	36.15 -0.36 0.00	34.12 -1.17 0.00	27.14 -1.26 0.00	31.27 -0.79 0.00	25.95 -0.77 0.00	34.05 -1.75 0.00	28.29 -1.47 0.00	32.97 -1.15 0.00	44.24 -1.64 0.00	59.34 -1.20 0.00	37.23 -1.75 0.00	34.74 -2.18 0.00	42.60 -2.10 0.00	47.18 -2.33 0.00	54.88 -1.52 0.00	48.35 -2.21 0.00
CLINTON___LFGE 323618	43.69 1.27 0.00	36.78 0.29 0.00	37.14 -0.03 0.00	37.68 0.03 0.00	40.47 0.28 0.00	40.84 0.57 0.00	34.66 0.47 0.00	35.87 0.56 0.00	36.78 0.28 0.00	34.78 -0.51 0.00	27.64 -0.76 0.00	31.87 -0.19 0.00	26.45 -0.27 0.00	34.69 -1.11 0.00	28.85 -0.92 0.00	33.60 -0.53 0.00	45.08 -0.81 0.00	60.55 0.02 0.00	38.01 -0.97 0.00	35.43 -1.49 0.00	43.38 -1.32 0.00	48.08 -1.43 0.00	55.98 -0.42 0.00	49.28 -1.28 0.00
COBBLENY_34_KV_TB1 80064	41.16 -1.27 0.00	35.88 -0.61 0.00	36.58 -0.60 0.00	37.10 -0.55 0.00	39.47 -0.72 0.00	39.82 -0.46 0.00	33.55 -0.64 0.00	34.03 -1.28 0.00	35.59 -0.91 0.00	34.38 -0.91 0.00	27.11 -1.29 0.00	30.37 -1.69 0.00	26.03 -1.87 -1.18	27.10 -2.29 6.42	21.00 -2.00 6.76	36.04 -2.46 -4.37	38.69 -3.37 3.83	27.14 -4.02 29.37	24.11 -2.79 12.08	27.11 -2.57 7.25	41.64 -3.09 -0.02	49.94 -3.50 -3.92	51.54 -2.69 2.17	48.92 -1.65 0.00
COFFEEN___115KV_TB3 355620	42.34 -0.09 0.00	36.03 -0.46 0.00	37.05 -0.13 0.00	37.36 -0.30 0.00	39.79 -0.39 0.00	39.98 -0.29 0.00	34.00 -0.19 0.00	35.41 0.10 0.00	36.15 -0.36 0.00	34.47 -0.83 0.00	27.66 -0.75 0.00	31.70 -0.35 0.00	26.86 -0.36 -0.50	34.97 -0.95 -0.12	29.16 -1.10 -0.49	34.73 -0.84 -1.45	45.91 -0.81 -0.84	60.26 -0.66 -0.38	39.05 -0.55 -0.63	36.30 -0.88 -0.26	44.03 -0.69 -0.01	49.88 -1.12 -1.48	55.33 -1.07 0.00	49.41 -1.15 0.00
COLDSPRG_115KV_BK1 355956	42.23 -0.19 0.00	36.84 0.35 0.00	37.64 0.46 0.00	38.22 0.57 0.00	40.42 0.24 0.00	40.73 0.46 0.00	34.49 0.30 0.00	35.00 -0.31 0.00	36.58 0.07 0.00	35.45 0.15 0.00	28.06 -0.34 0.00	31.50 -0.56 0.00	27.18 -0.92 -1.37	30.92 -1.06 3.82	22.05 -1.05 6.67	37.27 -1.44 -4.59	42.38 -1.97 1.54	28.76 -2.14 29.64	29.33 -1.50 8.15	30.29 -1.29 5.34	42.90 -1.83 -0.02	51.64 -1.95 -4.08	53.13 -0.87 2.40	50.45 -0.12 0.00
COLONIE_LFGE___ 323577	43.94 1.51 0.00	37.82 1.33 0.00	38.57 1.39 0.00	39.09 1.44 0.00	41.72 1.53 0.00	41.71 1.44 0.00	35.52 1.33 0.00	36.84 1.53 0.00	38.00 1.49 0.00	36.66 1.37 0.00	29.48 1.08 0.00	33.34 1.29 0.00	39.59 1.12 -11.74	40.24 1.57 -2.87	42.78 1.37 -11.64	70.17 1.65 -34.40	67.94 2.21 -19.85	72.54 2.88 -9.12	55.75 1.85 -14.92	44.92 1.74 -6.26	47.02 2.14 -0.17	86.73 2.13 -35.08	58.61 2.21 0.00	52.48 1.91 0.00
COOPERNY_115KV_TB1 80082	43.15 0.72 0.00	37.09 0.61 0.00	37.78 0.60 0.00	38.27 0.62 0.00	40.83 0.64 0.00	40.93 0.65 0.00	34.86 0.67 0.00	36.12 0.81 0.00	37.42 0.91 0.00	36.26 0.96 0.00	29.20 0.80 0.00	32.92 0.86 0.00	34.06 0.74 -6.60	38.45 1.08 -1.57	37.17 0.86 -6.54	54.35 0.90 -19.33	58.35 1.31 -11.15	67.43 1.77 -5.12	48.54 1.18 -8.38	41.54 1.10 -3.52	45.99 1.19 -0.10	70.41 1.18 -19.71	57.65 1.25 0.00	51.66 1.10 0.00
COPENHAGEN_WT_PWR 323753	42.03 -0.40 0.00	35.73 -0.76 0.00	36.80 -0.38 0.00	37.08 -0.57 0.00	39.43 -0.76 0.00	39.58 -0.70 0.00	33.62 -0.57 0.00	35.07 -0.24 0.00	35.72 -0.79 0.00	34.03 -1.27 0.00	27.29 -1.11 0.00	31.32 -0.74 0.00	26.56 -0.67 -0.51	34.47 -1.45 -0.12	28.73 -1.54 -0.50	34.24 -1.38 -1.49	45.08 -1.67 -0.86	59.17 -1.76 -0.39	38.40 -1.23 -0.65	35.65 -1.54 -0.27	43.30 -1.42 -0.01	49.08 -1.95 -1.52	54.46 -1.94 0.00	48.69 -1.87 0.00
CORNELL_____ 23752	42.83 0.41 0.00	36.90 0.42 0.00	37.64 0.46 0.00	38.08 0.43 0.00	40.70 0.51 0.00	40.92 0.64 0.00	34.72 0.53 0.00	35.77 0.46 0.00	37.16 0.65 0.00	35.90 0.61 0.00	28.84 0.43 0.00	32.43 0.38 0.00	29.13 0.23 -2.18	39.35 0.45 -3.10	57.53 0.28 -27.48	40.53 0.38 -6.02	54.15 0.60 -7.67	159.84 0.69 -98.61	58.00 0.53 -18.49	50.10 0.49 -12.68	45.27 0.53 -0.03	58.38 0.63 -8.23	65.54 0.73 -8.41	51.34 0.78 0.00

CORONA_69_KV_TB1 355595	44.81 2.38 0.00	38.47 1.98 0.00	39.03 1.85 0.00	39.56 1.91 0.00	42.13 1.94 0.00	42.24 1.96 0.00	36.10 1.91 0.00	37.61 2.30 0.00	38.98 2.47 0.00	37.98 2.68 -0.01	32.24 2.21 -1.63	34.40 2.34 0.00	47.59 2.04 -18.83	92.52 2.89 -53.83	41.95 2.50 -9.69	65.33 2.60 -28.61	66.02 3.63 -16.51	73.04 4.92 -7.58	54.42 3.03 -12.41	45.02 2.89 -5.21	48.05 3.20 -0.14	81.97 3.27 -29.18	60.05 3.66 0.00	53.57 3.01 0.00
CORTLAND_115KV_TB3 80093	42.57 0.15 0.00	36.66 0.17 0.00	37.38 0.20 0.00	37.82 0.17 0.00	40.41 0.22 0.00	40.59 0.32 0.00	34.43 0.24 0.00	35.49 0.18 0.00	36.82 0.32 0.00	35.56 0.27 0.00	28.57 0.17 0.00	32.22 0.16 0.00	28.46 0.07 -1.67	36.40 0.19 -0.41	38.19 0.08 -8.35	39.13 0.13 -4.88	49.46 0.23 -3.35	87.62 0.15 -26.93	44.44 0.18 -5.29	40.53 0.16 -3.45	44.90 0.17 -0.02	55.29 0.24 -5.54	58.92 0.24 -2.28	50.90 0.33 0.00
COXSACKIE___GT 23611	45.63 3.21 0.00	39.28 2.79 0.00	40.02 2.84 0.00	40.58 2.93 0.00	43.31 3.13 0.00	43.40 3.12 0.00	36.84 2.65 0.00	38.28 2.97 0.00	39.41 2.90 0.00	37.64 2.35 0.00	30.27 1.87 0.00	34.15 2.10 0.00	39.88 2.10 -11.05	41.58 3.09 -2.70	43.21 2.49 -10.96	69.52 3.01 -32.38	68.86 4.28 -18.69	74.88 5.76 -8.59	56.62 3.60 -14.05	46.08 3.26 -5.90	48.85 3.98 -0.16	86.58 4.04 -33.02	60.80 4.40 0.00	54.35 3.79 0.00
CPV_VALLEY___CC1 323721	42.93 0.50 0.00	36.91 0.43 0.00	37.60 0.42 0.00	38.09 0.44 0.00	40.64 0.45 0.00	40.72 0.45 0.00	34.69 0.50 0.00	35.96 0.65 0.00	37.24 0.73 0.00	36.08 0.79 0.00	29.06 0.66 0.00	32.76 0.71 0.00	33.74 0.62 -6.39	38.24 0.92 -1.52	36.84 0.74 -6.34	53.58 0.74 -18.72	57.77 1.08 -10.80	66.95 1.45 -4.96	48.09 0.99 -8.12	41.25 0.92 -3.41	45.76 0.96 -0.09	69.51 0.90 -19.09	57.36 0.96 0.00	51.38 0.82 0.00
CPV_VALLEY___CC2 323722	42.93 0.50 0.00	36.91 0.43 0.00	37.60 0.42 0.00	38.09 0.44 0.00	40.64 0.45 0.00	40.72 0.45 0.00	34.69 0.50 0.00	35.96 0.65 0.00	37.24 0.73 0.00	36.08 0.79 0.00	29.06 0.66 0.00	32.76 0.71 0.00	33.74 0.62 -6.39	38.24 0.92 -1.52	36.84 0.74 -6.34	53.58 0.74 -18.72	57.77 1.08 -10.80	66.95 1.45 -4.96	48.09 0.99 -8.12	41.25 0.92 -3.41	45.76 0.96 -0.09	69.51 0.90 -19.09	57.36 0.96 0.00	51.38 0.82 0.00
CRESCENT___HYD 24018	43.94 1.51 0.00	37.82 1.33 0.00	38.57 1.39 0.00	39.09 1.44 0.00	41.72 1.53 0.00	41.71 1.44 0.00	35.52 1.33 0.00	36.84 1.53 0.00	38.00 1.49 0.00	36.66 1.37 0.00	29.48 1.08 0.00	33.34 1.29 0.00	39.59 1.12 -11.74	40.24 1.57 -2.87	42.78 1.37 -11.64	70.17 1.65 -34.40	67.94 2.21 -19.85	72.54 2.88 -9.12	55.75 1.85 -14.92	44.92 1.74 -6.26	47.02 2.14 -0.17	86.73 2.13 -35.08	58.61 2.21 0.00	52.48 1.91 0.00
CRICKET___VALLEY_CC1 323756	43.57 1.15 0.00	37.45 0.96 0.00	38.19 1.01 0.00	38.69 1.04 0.00	41.23 1.05 0.00	41.31 1.04 0.00	35.31 1.12 0.00	36.72 1.41 0.00	38.01 1.50 0.00	36.87 1.58 0.00	29.72 1.32 0.00	33.54 1.49 0.00	38.19 1.30 -10.17	40.12 1.80 -2.52	41.33 1.48 -10.08	65.55 1.63 -29.79	65.48 2.40 -17.19	71.59 3.15 -7.90	53.99 2.09 -12.92	44.28 1.93 -5.43	47.02 2.16 -0.15	81.98 2.08 -30.38	58.50 2.10 0.00	52.37 1.80 0.00
CRICKET___VALLEY_CC2 323757	43.57 1.15 0.00	37.45 0.96 0.00	38.19 1.01 0.00	38.69 1.04 0.00	41.23 1.05 0.00	41.31 1.04 0.00	35.31 1.12 0.00	36.72 1.41 0.00	38.01 1.50 0.00	36.87 1.58 0.00	29.72 1.32 0.00	33.54 1.49 0.00	38.19 1.30 -10.17	40.12 1.80 -2.52	41.33 1.48 -10.08	65.55 1.63 -29.79	65.48 2.40 -17.19	71.59 3.15 -7.90	53.99 2.09 -12.92	44.28 1.93 -5.43	47.02 2.16 -0.15	81.98 2.08 -30.38	58.50 2.10 0.00	52.37 1.80 0.00
CRICKET___VALLEY_CC3 323758	43.57 1.15 0.00	37.45 0.96 0.00	38.19 1.01 0.00	38.69 1.04 0.00	41.23 1.05 0.00	41.31 1.04 0.00	35.31 1.12 0.00	36.72 1.41 0.00	38.01 1.50 0.00	36.87 1.58 0.00	29.72 1.32 0.00	33.54 1.49 0.00	38.19 1.30 -10.17	40.12 1.80 -2.52	41.33 1.48 -10.08	65.55 1.63 -29.79	65.48 2.40 -17.19	71.59 3.15 -7.90	53.99 2.09 -12.92	44.28 1.93 -5.43	47.02 2.16 -0.15	81.98 2.08 -30.38	58.50 2.10 0.00	52.37 1.80 0.00
CRUCIBLE_METL_DRP 24180	42.02 -0.40 0.00	36.21 -0.28 0.00	36.91 -0.27 0.00	37.36 -0.29 0.00	39.90 -0.29 0.00	40.04 -0.23 0.00	33.93 -0.27 0.00	34.90 -0.42 0.00	36.14 -0.37 0.00	34.93 -0.37 0.00	28.11 -0.29 0.00	31.67 -0.38 0.00	27.31 -0.34 -0.93	35.56 -0.46 -0.23	30.28 -0.41 -0.92	36.37 -0.47 -2.71	46.82 -0.62 -1.57	60.36 -0.89 -0.72	39.63 -0.52 -1.18	36.94 -0.47 -0.49	44.17 -0.55 -0.01	51.82 -0.46 -2.77	55.91 -0.49 0.00	50.22 -0.34 0.00
DAHOWA___HYDRO 323763	44.64 2.21 0.00	38.44 1.96 0.00	39.21 2.03 0.00	39.71 2.07 0.00	42.44 2.25 0.00	42.59 2.31 0.00	36.32 2.13 0.00	37.67 2.36 0.00	38.88 2.37 0.00	37.40 2.10 0.00	29.94 1.54 0.00	33.90 1.84 0.00	40.23 1.61 -11.90	40.92 2.22 -2.91	43.50 1.93 -11.80	71.35 2.36 -34.87	69.36 3.36 -20.12	74.11 4.33 -9.24	56.90 2.80 -15.12	45.90 2.64 -6.35	47.98 3.10 -0.17	88.28 3.20 -35.56	59.89 3.49 0.00	53.56 3.00 0.00
DANC___LFGE 323619	41.82 -0.61 0.00	35.74 -0.74 0.00	36.65 -0.53 0.00	37.01 -0.64 0.00	39.43 -0.76 0.00	39.57 -0.71 0.00	33.54 -0.65 0.00	34.81 -0.51 0.00	35.67 -0.84 0.00	34.21 -1.08 0.00	27.48 -0.93 0.00	31.31 -0.74 0.00	26.64 -0.67 -0.59	34.71 -1.23 -0.14	29.12 -1.23 -0.58	34.67 -1.19 -1.73	45.38 -1.50 -1.00	59.26 -1.73 -0.46	38.58 -1.15 -0.75	35.92 -1.32 -0.32	43.41 -1.31 -0.01	49.69 -1.59 -1.76	54.77 -1.63 0.00	49.05 -1.51 0.00
DANSKAMMER___1 23586	44.45 2.03 0.00	38.16 1.68 0.00	38.86 1.68 0.00	39.36 1.71 0.00	41.98 1.79 0.00	42.09 1.81 0.00	35.93 1.74 0.00	37.36 2.05 0.00	38.71 2.21 0.00	37.56 2.27 0.00	30.28 1.88 0.00	34.18 2.13 0.00	38.31 1.82 -9.76	40.77 2.58 -2.39	41.56 2.12 -9.68	65.02 2.29 -28.60	65.66 3.27 -16.51	72.54 4.42 -7.58	54.26 2.87 -12.41	44.80 2.67 -5.21	47.85 3.00 -0.14	81.72 3.04 -29.17	59.66 3.26 0.00	53.39 2.82 0.00
DANSKAMMER___2 23589	44.45 2.03 0.00	38.16 1.68 0.00	38.86 1.68 0.00	39.36 1.71 0.00	41.98 1.79 0.00	42.09 1.81 0.00	35.93 1.74 0.00	37.36 2.05 0.00	38.71 2.21 0.00	37.56 2.27 0.00	30.28 1.88 0.00	34.18 2.13 0.00	38.31 1.82 -9.76	40.77 2.58 -2.39	41.56 2.12 -9.68	65.02 2.29 -28.60	65.66 3.27 -16.51	72.54 4.42 -7.58	54.26 2.87 -12.41	44.80 2.67 -5.21	47.85 3.00 -0.14	81.72 3.04 -29.17	59.66 3.26 0.00	53.39 2.82 0.00
DANSKAMMER___3 23590	44.45 2.03 0.00	38.16 1.68 0.00	38.86 1.68 0.00	39.36 1.71 0.00	41.98 1.79 0.00	42.09 1.81 0.00	35.93 1.74 0.00	37.36 2.05 0.00	38.71 2.21 0.00	37.56 2.27 0.00	30.28 1.88 0.00	34.18 2.13 0.00	38.31 1.82 -9.76	40.77 2.58 -2.39	41.56 2.12 -9.68	65.02 2.29 -28.60	65.66 3.27 -16.51	72.54 4.42 -7.58	54.26 2.87 -12.41	44.80 2.67 -5.21	47.85 3.00 -0.14	81.72 3.04 -29.17	59.66 3.26 0.00	53.39 2.82 0.00

DANSKAMMER___4 23591	44.45 2.03 0.00	38.16 1.68 0.00	38.86 1.68 0.00	39.36 1.71 0.00	41.98 1.79 0.00	42.09 1.81 0.00	35.93 1.74 0.00	37.36 2.05 0.00	38.71 2.21 0.00	37.56 2.27 0.00	30.28 1.88 0.00	34.18 2.13 0.00	38.31 1.82 -9.76	40.77 2.58 -2.39	41.56 2.12 -9.68	65.02 2.29 -28.60	65.66 3.27 -16.51	72.54 4.42 -7.58	54.26 2.87 -12.41	44.80 2.67 -5.21	47.85 3.00 -0.14	81.72 3.04 -29.17	59.66 3.26 0.00	53.39 2.82 0.00
DANSKAMMER___DIESEL 23592	44.45 2.03 0.00	38.16 1.68 0.00	38.86 1.68 0.00	39.36 1.71 0.00	41.98 1.80 0.00	42.09 1.81 0.00	35.93 1.74 0.00	37.36 2.05 0.00	38.71 2.21 0.00	37.56 2.27 0.00	30.28 1.88 0.00	34.18 2.13 0.00	38.31 1.83 -9.76	40.76 2.58 -2.39	41.56 2.11 -9.68	65.02 2.29 -28.60	65.66 3.27 -16.51	72.55 4.43 -7.58	54.26 2.87 -12.41	44.80 2.67 -5.21	47.85 3.00 -0.14	81.72 3.04 -29.17	59.66 3.26 0.00	53.38 2.82 0.00
DARBY___SOLAR 323810	44.49 2.07 0.00	38.31 1.82 0.00	39.07 1.89 0.00	39.57 1.92 0.00	42.28 2.10 0.00	42.41 2.14 0.00	36.16 1.97 0.00	37.51 2.20 0.00	38.69 2.19 0.00	37.21 1.92 0.00	29.81 1.40 0.00	33.73 1.68 0.00	40.08 1.48 -11.88	40.77 2.07 -2.90	43.35 1.81 -11.78	71.12 2.19 -34.80	69.06 3.09 -20.08	73.77 4.01 -9.23	56.65 2.58 -15.09	45.69 2.43 -6.34	47.76 2.87 -0.17	87.96 2.95 -35.49	59.59 3.19 0.00	53.31 2.75 0.00
DASHVILLE___HYD 23610	43.77 1.35 0.00	37.56 1.08 0.00	38.24 1.07 0.00	38.75 1.10 0.00	41.30 1.11 0.00	41.41 1.13 0.00	35.41 1.22 0.00	36.82 1.51 0.00	38.19 1.69 0.00	37.10 1.81 0.00	29.93 1.53 0.00	33.77 1.71 0.00	38.07 1.39 -9.96	40.24 2.01 -2.43	41.26 1.62 -9.87	64.97 1.68 -29.16	65.16 2.44 -16.83	71.70 3.44 -7.73	53.82 2.19 -12.65	44.30 2.07 -5.31	47.16 2.31 -0.15	81.45 2.19 -29.74	58.84 2.44 0.00	52.65 2.09 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.95 2.53 0.00	38.57 2.09 0.00	39.04 1.86 0.00	39.57 1.92 0.00	42.11 1.92 0.00	42.49 2.21 0.00	36.34 2.15 0.00	38.07 2.76 0.00	39.56 3.05 0.00	38.90 3.60 0.00	32.20 2.89 -0.91	35.19 3.13 0.00	44.29 2.74 -14.83	70.82 3.89 -31.13	42.87 3.42 -9.69	66.23 3.50 -28.61	67.49 5.09 -16.51	75.08 6.96 -7.58	55.06 3.68 -12.41	45.83 3.70 -5.21	48.88 4.03 -0.14	82.50 3.80 -29.18	60.74 4.34 0.00	53.59 3.03 0.00
DELAWARE___LFGE 323621	43.27 0.85 0.00	37.23 0.74 0.00	37.97 0.79 0.00	38.46 0.81 0.00	41.08 0.90 0.00	41.23 0.96 0.00	35.09 0.90 0.00	36.29 0.98 0.00	37.63 1.12 0.00	36.41 1.11 0.00	29.29 0.89 0.00	33.00 0.95 0.00	31.50 0.78 -3.99	37.90 1.13 -0.97	35.70 0.89 -5.05	46.81 1.00 -11.69	54.14 1.43 -6.83	69.66 1.84 -7.28	45.79 1.23 -5.59	40.64 1.17 -2.55	46.07 1.31 -0.06	62.88 1.35 -12.01	58.28 1.52 -0.37	51.92 1.35 0.00
DERFIELD_115KV_TB7 355931	42.56 0.13 0.00	36.56 0.07 0.00	37.25 0.07 0.00	37.72 0.07 0.00	40.27 0.08 0.00	40.36 0.08 0.00	34.26 0.07 0.00	35.41 0.10 0.00	36.58 0.07 0.00	35.34 0.04 0.00	28.43 0.03 0.00	32.12 0.06 0.00	26.78 0.05 0.00	35.85 0.05 0.00	29.82 0.05 0.00	34.21 0.09 0.00	46.02 0.13 0.00	60.72 0.18 0.00	39.06 0.08 0.00	36.98 0.07 0.00	44.80 0.09 0.00	49.61 0.09 0.00	56.51 0.11 0.00	50.64 0.07 0.00
DOGLEVILLE___HYD 23807	42.89 0.47 0.00	36.80 0.31 0.00	37.38 0.20 0.00	37.84 0.19 0.00	40.50 0.32 0.00	40.46 0.18 0.00	34.54 0.35 0.00	35.94 0.63 0.00	37.08 0.57 0.00	35.83 0.54 0.00	28.54 0.14 0.00	32.33 0.28 0.00	27.07 0.35 0.00	36.54 0.74 0.00	30.58 0.81 0.00	35.23 1.10 0.00	47.23 1.35 0.00	62.25 1.72 0.00	40.14 1.16 0.00	37.92 1.00 0.00	45.86 1.15 0.00	50.55 1.03 0.00	57.20 0.81 0.00	51.21 0.65 0.00
DUNKIRK___115KV_TB_200 55889	40.95 -1.48 0.00	35.92 -0.56 0.00	36.70 -0.48 0.00	37.23 -0.42 0.00	39.28 -0.90 0.00	39.75 -0.53 0.00	33.60 -0.59 0.00	34.04 -1.27 0.00	35.53 -0.97 0.00	34.23 -1.06 0.00	26.96 -1.45 0.00	30.21 -1.85 0.00	25.79 -2.04 -1.10	25.58 -2.75 7.47	20.40 -2.39 6.97	35.49 -2.93 -4.30	37.20 -3.92 4.76	25.85 -4.74 29.95	22.07 -3.15 13.76	26.10 -2.73 8.09	41.34 -3.39 -0.02	49.59 -3.78 -3.86	51.24 -3.03 2.13	48.51 -2.05 0.00
DUNKIRK___1 23563	40.95 -1.48 0.00	35.92 -0.56 0.00	36.70 -0.48 0.00	37.23 -0.42 0.00	39.28 -0.90 0.00	39.75 -0.53 0.00	33.60 -0.59 0.00	34.04 -1.27 0.00	35.53 -0.97 0.00	34.23 -1.06 0.00	26.96 -1.45 0.00	30.21 -1.85 0.00	25.79 -2.04 -1.10	25.58 -2.75 7.47	20.40 -2.39 6.97	35.49 -2.93 -4.30	37.20 -3.92 4.76	25.85 -4.74 29.95	22.07 -3.15 13.76	26.10 -2.73 8.09	41.34 -3.39 -0.02	49.59 -3.78 -3.86	51.24 -3.03 2.13	48.51 -2.05 0.00
DUNKIRK___2 23564	40.95 -1.48 0.00	35.92 -0.56 0.00	36.70 -0.48 0.00	37.23 -0.42 0.00	39.28 -0.90 0.00	39.75 -0.53 0.00	33.60 -0.59 0.00	34.04 -1.27 0.00	35.53 -0.97 0.00	34.23 -1.06 0.00	26.96 -1.45 0.00	30.21 -1.85 0.00	25.79 -2.04 -1.10	25.58 -2.75 7.47	20.40 -2.39 6.97	35.49 -2.93 -4.30	37.20 -3.92 4.76	25.85 -4.74 29.95	22.07 -3.15 13.76	26.10 -2.73 8.09	41.34 -3.39 -0.02	49.59 -3.78 -3.86	51.24 -3.03 2.13	48.51 -2.05 0.00
DUNKIRK___3 23565	40.88 -1.54 0.00	35.80 -0.68 0.00	36.57 -0.61 0.00	37.09 -0.56 0.00	39.22 -0.96 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	33.91 -1.41 0.00	35.41 -1.10 0.00	34.14 -1.15 0.00	26.90 -1.51 0.00	30.13 -1.92 0.00	25.71 -2.08 -1.06	24.90 -2.72 8.18	20.33 -2.37 7.07	35.45 -2.92 -4.26	36.58 -3.92 5.38	25.64 -4.74 30.16	20.94 -3.18 14.86	25.46 -2.82 8.64	41.25 -3.48 -0.02	49.44 -3.89 -3.82	51.19 -3.12 2.09	48.45 -2.12 0.00
DUNKIRK___4 23566	40.88 -1.54 0.00	35.80 -0.68 0.00	36.57 -0.61 0.00	37.09 -0.56 0.00	39.22 -0.96 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	33.91 -1.41 0.00	35.41 -1.10 0.00	34.14 -1.15 0.00	26.90 -1.51 0.00	30.13 -1.92 0.00	25.71 -2.08 -1.06	24.90 -2.72 8.18	20.33 -2.37 7.07	35.45 -2.92 -4.26	36.58 -3.92 5.38	25.64 -4.74 30.16	20.94 -3.18 14.86	25.46 -2.82 8.64	41.25 -3.48 -0.02	49.44 -3.89 -3.82	51.19 -3.12 2.09	48.45 -2.12 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.34 1.91 0.00	38.05 1.56 0.00	38.71 1.54 0.00	39.22 1.57 0.00	41.80 1.62 0.00	41.88 1.61 0.00	35.74 1.55 0.00	37.19 1.88 0.00	38.56 2.05 0.00	37.50 2.21 0.00	30.27 1.86 0.00	34.09 2.04 0.00	38.25 1.77 -9.76	40.80 2.53 -2.47	41.50 2.06 -9.68	64.89 2.16 -28.60	65.45 3.06 -16.51	72.23 4.11 -7.58	54.07 2.68 -12.41	44.64 2.51 -5.21	47.62 2.77 -0.14	81.49 2.80 -29.17	59.44 3.04 0.00	53.17 2.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.22 1.79 0.00	37.95 1.47 0.00	38.64 1.47 0.00	39.15 1.50 0.00	41.75 1.56 0.00	41.85 1.57 0.00	35.73 1.54 0.00	37.14 1.83 0.00	38.49 1.98 0.00	37.35 2.06 0.00	30.10 1.70 0.00	33.98 1.92 0.00	37.90 1.64 -9.53	40.43 2.34 -2.30	41.14 1.92 -9.45	64.10 2.05 -27.93	64.95 2.95 -16.12	71.95 4.01 -7.40	53.69 2.60 -12.11	44.42 2.42 -5.09	47.53 2.68 -0.14	80.71 2.71 -28.48	59.32 2.92 0.00	53.08 2.52 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	44.45 2.02 0.00	38.16 1.68 0.00	38.83 1.65 0.00	39.31 1.67 0.00	41.91 1.73 0.00	41.98 1.71 0.00	35.79 1.60 0.00	37.25 1.94 0.00	38.64 2.13 0.00	37.59 2.30 0.00	30.40 1.99 0.00	34.17 2.12 0.00	38.30 1.81 -9.76	40.88 2.62 -2.47	41.59 2.14 -9.68	64.96 2.23 -28.61	65.52 3.13 -16.51	72.40 4.28 -7.58	54.17 2.78 -12.41	44.68 2.55 -5.21	47.63 2.78 -0.14	81.51 2.82 -29.17	59.47 3.07 0.00	53.21 2.65 0.00
E179THST_13_KV_LOAD 356214	44.61 2.19 0.00	38.30 1.82 0.00	38.96 1.78 0.00	39.44 1.80 0.00	42.04 1.85 0.00	42.13 1.85 0.00	35.93 1.74 0.00	37.39 2.08 0.00	38.80 2.29 0.00	37.74 2.45 0.00	30.52 2.11 0.00	34.31 2.26 0.00	38.41 1.93 -9.76	41.05 2.78 -2.47	41.73 2.29 -9.68	65.13 2.40 -28.61	65.75 3.36 -16.51	72.70 4.58 -7.58	54.36 2.98 -12.41	44.86 2.74 -5.21	47.85 3.00 -0.14	81.74 3.05 -29.17	59.74 3.34 0.00	53.43 2.87 0.00
EAST HAMPTON___GT 23717	44.21 1.79 0.00	37.91 1.42 0.00	38.36 1.18 0.00	38.88 1.23 0.00	41.37 1.19 0.00	41.91 1.63 0.00	35.78 1.59 0.00	37.60 2.28 0.00	39.22 2.71 0.00	38.76 3.46 0.00	32.05 2.74 -0.91	35.19 3.14 0.00	44.36 2.81 -14.83	70.76 3.83 -31.13	42.95 3.50 -9.69	66.25 3.51 -28.61	67.78 5.38 -16.51	75.58 7.46 -7.58	54.99 3.60 -12.41	45.80 3.67 -5.21	48.75 3.89 -0.14	82.13 3.44 -29.18	60.46 4.05 0.00	53.14 2.58 0.00
EAST RIVER___6 23660	44.44 2.01 0.00	38.13 1.64 0.00	38.78 1.61 0.00	39.24 1.59 0.00	41.83 1.65 0.00	41.89 1.61 0.00	35.72 1.53 0.00	37.18 1.87 0.00	38.59 2.09 0.00	37.59 2.30 0.00	30.39 1.99 0.00	34.25 2.20 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.66 2.21 -9.68	64.99 2.27 -28.60	65.58 3.18 -16.51	72.40 4.28 -7.58	54.20 2.81 -12.41	44.75 2.62 -5.21	47.70 2.85 -0.14	81.64 2.95 -29.17	59.64 3.24 0.00	53.36 2.80 0.00
EAST RIVER___7 23524	44.44 2.01 0.00	38.13 1.64 0.00	38.78 1.61 0.00	39.24 1.59 0.00	41.83 1.65 0.00	41.89 1.61 0.00	35.72 1.53 0.00	37.18 1.87 0.00	38.59 2.09 0.00	37.59 2.30 0.00	30.39 1.99 0.00	34.25 2.20 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.66 2.21 -9.68	64.99 2.27 -28.60	65.58 3.18 -16.51	72.40 4.28 -7.58	54.20 2.81 -12.41	44.75 2.62 -5.21	47.70 2.85 -0.14	81.64 2.95 -29.17	59.64 3.24 0.00	53.36 2.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.25 1.82 0.00	37.97 1.49 0.00	38.65 1.47 0.00	39.15 1.50 0.00	41.74 1.56 0.00	41.81 1.54 0.00	35.69 1.50 0.00	37.13 1.82 0.00	38.49 1.99 0.00	37.43 2.14 0.00	30.20 1.80 0.00	34.01 1.95 0.00	38.17 1.70 -9.75	40.70 2.43 -2.47	41.41 1.97 -9.67	64.76 2.08 -28.56	65.31 2.95 -16.48	72.09 3.98 -7.57	53.97 2.60 -12.39	44.54 2.42 -5.20	47.51 2.66 -0.14	81.34 2.70 -29.12	59.30 2.90 0.00	53.05 2.49 0.00
EAST_HAMPTON___DIESEL 23722	44.07 1.65 0.00	37.79 1.31 0.00	38.25 1.07 0.00	38.74 1.10 0.00	41.24 1.06 0.00	41.80 1.53 0.00	35.67 1.48 0.00	37.49 2.18 0.00	39.14 2.63 0.00	38.71 3.42 0.00	32.00 2.69 -0.91	35.16 3.10 0.00	44.34 2.79 -14.83	70.72 3.79 -31.13	42.92 3.47 -9.69	66.21 3.48 -28.61	67.75 5.35 -16.51	75.55 7.43 -7.58	54.92 3.54 -12.41	45.74 3.62 -5.21	48.67 3.82 -0.14	82.01 3.32 -29.18	60.35 3.95 0.00	53.03 2.47 0.00
EAST_POINT___SOLAR 323840	44.89 2.47 0.00	38.52 2.03 0.00	39.21 2.03 0.00	39.70 2.05 0.00	42.41 2.22 0.00	42.70 2.42 0.00	36.41 2.22 0.00	37.57 2.26 0.00	38.32 1.81 0.00	36.94 1.65 0.00	29.47 1.06 0.00	33.38 1.32 0.00	41.00 1.29 -12.98	40.67 1.70 -3.17	44.22 1.58 -12.87	74.26 2.11 -38.03	71.02 3.19 -21.95	75.11 4.49 -10.08	58.29 2.82 -16.49	46.39 2.54 -6.92	47.86 2.96 -0.19	91.47 3.17 -38.78	60.04 3.64 0.00	53.71 3.15 0.00
EAST_PULASKI___ESR 323781	41.67 -0.75 0.00	35.79 -0.69 0.00	36.56 -0.61 0.00	36.98 -0.67 0.00	39.45 -0.74 0.00	39.58 -0.70 0.00	33.52 -0.67 0.00	34.59 -0.72 0.00	35.67 -0.84 0.00	34.42 -0.87 0.00	27.68 -0.73 0.00	31.33 -0.72 0.00	26.74 -0.65 -0.67	34.96 -1.01 -0.16	29.53 -0.90 -0.66	35.10 -0.97 -1.96	45.72 -1.30 -1.13	59.42 -1.64 -0.52	38.79 -1.03 -0.85	36.23 -1.04 -0.36	43.57 -1.14 -0.01	50.32 -1.19 -1.99	55.13 -1.27 0.00	49.46 -1.11 0.00
EAST_RIVER___1 323558	44.51 2.08 0.00	38.19 1.71 0.00	38.86 1.68 0.00	39.34 1.70 0.00	41.94 1.76 0.00	42.00 1.72 0.00	35.82 1.63 0.00	37.27 1.96 0.00	38.68 2.17 0.00	37.66 2.37 0.00	30.43 2.02 0.00	34.27 2.21 0.00	38.41 1.92 -9.76	41.02 2.75 -2.47	41.68 2.23 -9.68	65.02 2.29 -28.60	65.61 3.22 -16.51	72.46 4.33 -7.58	54.22 2.83 -12.41	44.78 2.65 -5.21	47.74 2.89 -0.14	81.65 2.96 -29.17	59.62 3.22 0.00	53.33 2.77 0.00
EAST_RIVER___2 323559	44.44 2.01 0.00	38.13 1.64 0.00	38.78 1.61 0.00	39.24 1.59 0.00	41.83 1.65 0.00	41.89 1.61 0.00	35.72 1.53 0.00	37.18 1.87 0.00	38.59 2.09 0.00	37.59 2.30 0.00	30.39 1.99 0.00	34.25 2.20 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.66 2.21 -9.68	64.99 2.27 -28.60	65.58 3.18 -16.51	72.40 4.28 -7.58	54.20 2.81 -12.41	44.75 2.62 -5.21	47.70 2.85 -0.14	81.64 2.95 -29.17	59.64 3.24 0.00	53.36 2.80 0.00
EAST___DELAWARE_HYD 23607	44.13 1.70 0.00	37.89 1.40 0.00	38.57 1.39 0.00	39.07 1.42 0.00	41.69 1.51 0.00	41.83 1.55 0.00	35.72 1.53 0.00	37.11 1.80 0.00	38.47 1.97 0.00	37.26 1.97 0.00	30.05 1.65 0.00	33.96 1.90 0.00	36.92 1.58 -8.62	40.14 2.26 -2.08	40.15 1.84 -8.55	61.37 2.00 -25.25	63.34 2.89 -14.57	71.16 3.93 -6.69	52.48 2.55 -10.95	43.90 2.38 -4.60	47.47 2.64 -0.13	77.95 2.68 -25.75	59.30 2.90 0.00	53.13 2.57 0.00
EIGHT_POINT___WT_PWR 323820	41.44 -0.98 0.00	35.85 -0.64 0.00	36.62 -0.56 0.00	37.19 -0.46 0.00	39.84 -0.35 0.00	40.37 0.10 0.00	34.01 -0.18 0.00	34.70 -0.61 0.00	36.37 -0.14 0.00	35.19 -0.10 0.00	27.79 -0.62 0.00	30.59 -1.47 0.00	27.98 -1.71 -2.98	58.24 -2.23 -24.67	22.22 -1.89 5.65	37.63 -1.92 -5.43	65.95 -2.78 -22.85	25.65 -3.83 31.05	71.09 -2.61 -34.71	49.81 -2.66 -15.55	41.43 -3.30 -0.03	50.41 -3.46 -4.35	48.26 -3.36 4.78	47.79 -2.77 0.00
ELBRIDGE_115KV_TB2 80188	41.79 -0.63 0.00	36.02 -0.46 0.00	36.72 -0.46 0.00	37.17 -0.48 0.00	39.69 -0.50 0.00	39.83 -0.44 0.00	33.75 -0.44 0.00	34.71 -0.60 0.00	35.96 -0.55 0.00	34.76 -0.53 0.00	27.96 -0.45 0.00	31.48 -0.58 0.00	27.19 -0.51 -0.98	35.39 -0.65 -0.24	30.15 -0.59 -0.97	36.33 -0.67 -2.87	46.63 -0.91 -1.66	60.04 -1.26 -0.76	39.45 -0.77 -1.24	36.75 -0.69 -0.52	43.89 -0.83 -0.02	51.69 -0.75 -2.93	55.59 -0.81 0.00	49.95 -0.61 0.00
ELEC_TRO_TEK 24086	44.63 2.20 0.00	38.33 1.84 0.00	38.89 1.71 0.00	39.42 1.77 0.00	41.98 1.80 0.00	42.08 1.81 0.00	35.98 1.79 0.00	37.49 2.18 0.00	38.85 2.34 0.00	37.87 2.57 -0.01	32.12 2.11 -1.60	34.27 2.22 0.00	47.36 1.93 -18.71	91.70 2.77 -53.13	41.81 2.36 -9.69	65.16 2.42 -28.61	65.79 3.39 -16.51	72.74 4.62 -7.58	54.22 2.84 -12.41	44.84 2.71 -5.21	47.84 2.99 -0.14	81.73 3.03 -29.18	59.79 3.39 0.00	53.35 2.79 0.00

ELLENBURG_WT_PWR 323604	43.01 0.59 0.00	36.19 -0.30 0.00	36.59 -0.59 0.00	37.10 -0.55 0.00	39.80 -0.38 0.00	40.17 -0.11 0.00	34.05 -0.14 0.00	35.24 -0.08 0.00	36.15 -0.36 0.00	34.12 -1.17 0.00	27.14 -1.26 0.00	31.27 -0.79 0.00	25.95 -0.77 0.00	34.05 -1.75 0.00	28.29 -1.47 0.00	32.97 -1.15 0.00	44.24 -1.64 0.00	59.34 -1.20 0.00	37.23 -1.75 0.00	34.74 -2.18 0.00	42.60 -2.10 0.00	47.18 -2.33 0.00	54.88 -1.52 0.00	48.35 -2.21 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.57 -1.85 0.00	35.43 -1.06 0.00	36.12 -1.06 0.00	36.64 -1.01 0.00	38.94 -1.25 0.00	39.30 -0.97 0.00	33.08 -1.11 0.00	33.51 -1.80 0.00	35.02 -1.49 0.00	33.82 -1.48 0.00	26.63 -1.77 0.00	29.82 -2.24 0.00	25.43 -2.31 -1.02	24.66 -2.95 8.19	20.44 -2.52 6.80	35.17 -3.10 -4.14	36.22 -4.23 5.43	26.31 -5.20 29.03	20.63 -3.58 14.77	25.09 -3.29 8.54	40.83 -3.90 -0.02	48.84 -4.41 -3.73	50.70 -3.71 1.99	48.02 -2.54 0.00
EMPIRE_CC_1 323656	43.44 1.02 0.00	37.46 0.98 0.00	38.20 1.02 0.00	38.72 1.07 0.00	41.30 1.12 0.00	41.26 0.98 0.00	35.01 0.82 0.00	36.34 1.03 0.00	37.47 0.96 0.00	36.24 0.95 0.00	29.25 0.85 0.00	33.07 1.01 0.00	38.83 0.88 -11.23	39.80 1.24 -2.76	41.91 1.02 -11.13	68.13 1.12 -32.88	66.29 1.43 -18.98	71.17 1.92 -8.72	54.48 1.24 -14.26	44.09 1.18 -5.99	46.35 1.48 -0.17	84.44 1.39 -33.54	57.77 1.37 0.00	51.79 1.23 0.00
EMPIRE_CC_2 323658	43.44 1.02 0.00	37.46 0.98 0.00	38.20 1.02 0.00	38.72 1.07 0.00	41.30 1.12 0.00	41.26 0.98 0.00	35.01 0.82 0.00	36.34 1.03 0.00	37.47 0.96 0.00	36.24 0.95 0.00	29.25 0.85 0.00	33.07 1.01 0.00	38.83 0.88 -11.23	39.80 1.24 -2.76	41.91 1.02 -11.13	68.13 1.12 -32.88	66.29 1.43 -18.98	71.17 1.92 -8.72	54.48 1.24 -14.26	44.09 1.18 -5.99	46.35 1.48 -0.17	84.44 1.39 -33.54	57.77 1.37 0.00	51.79 1.23 0.00
ENORWICH_115KV_TB1 80156	44.24 1.82 0.00	38.21 1.73 0.00	39.20 2.02 0.00	39.53 1.88 0.00	42.54 2.35 0.00	42.88 2.61 0.00	36.49 2.30 0.00	37.63 2.33 0.00	39.46 2.95 0.00	38.10 2.81 0.00	30.57 2.17 0.00	34.30 2.24 0.00	31.38 1.73 -2.93	40.42 2.57 -2.05	43.80 1.99 -12.05	45.09 2.58 -8.38	56.28 3.69 -6.70	102.34 4.49 -37.31	51.99 3.01 -10.01	45.71 2.77 -6.02	47.79 3.04 -0.04	62.03 3.22 -9.30	62.95 3.54 -3.01	53.86 3.30 0.00
ERIE_ST_34_KV_TB1-2 80199	41.55 -0.87 0.00	36.19 -0.30 0.00	36.89 -0.29 0.00	37.42 -0.23 0.00	39.81 -0.37 0.00	40.11 -0.17 0.00	33.82 -0.37 0.00	34.28 -1.03 0.00	35.84 -0.67 0.00	34.64 -0.65 0.00	27.33 -1.07 0.00	30.64 -1.42 0.00	26.21 -1.64 -1.13	27.01 -1.86 6.92	21.49 -1.64 6.63	36.29 -2.11 -4.28	38.78 -2.82 4.29	28.64 -3.23 28.67	23.95 -2.25 12.78	27.27 -2.10 7.56	42.16 -2.57 -0.02	50.43 -2.94 -3.85	52.36 -1.97 2.06	49.50 -1.07 0.00
ERIE_WT_PWR 323693	40.74 -1.59 0.09	35.64 -0.84 0.00	36.36 -0.82 0.00	36.89 -0.75 0.00	39.25 -0.94 0.00	39.54 -0.74 0.00	33.32 -0.85 0.03	33.51 -1.55 0.25	35.30 -1.21 0.00	34.04 -1.22 0.03	26.83 -1.57 0.00	30.02 -2.04 0.00	25.65 -2.14 -1.07	25.32 -2.66 7.82	20.57 -2.33 6.86	34.58 -2.80 -3.26	35.24 -3.82 6.82	26.45 -4.71 29.38	21.55 -3.20 14.24	25.69 -2.93 8.30	41.18 -3.55 -0.02	48.98 -4.00 -3.46	50.69 -3.28 2.43	48.34 -2.22 0.00
ESPRGFLD_115KV_TB1 80157	43.79 1.36 0.00	37.59 1.10 0.00	38.29 1.11 0.00	38.77 1.12 0.00	41.42 1.24 0.00	41.74 1.46 0.00	35.56 1.37 0.00	36.65 1.34 0.00	37.98 1.47 0.00	36.63 1.34 0.00	29.38 0.98 0.00	33.16 1.10 0.00	27.61 0.89 0.00	36.94 1.14 0.00	30.75 0.98 0.00	35.30 1.18 0.00	47.64 1.76 0.00	62.98 2.45 0.00	40.53 1.55 0.00	38.29 1.37 0.00	46.23 1.52 0.00	51.19 1.68 0.00	58.46 2.07 0.00	52.45 1.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.78 0.36 0.00	36.86 0.37 0.00	37.60 0.42 0.00	38.03 0.38 0.00	40.66 0.47 0.00	40.87 0.59 0.00	34.67 0.48 0.00	35.72 0.41 0.00	37.11 0.60 0.00	35.85 0.55 0.00	28.79 0.38 0.00	32.39 0.33 0.00	29.07 0.20 -2.15	38.87 0.41 -2.67	52.48 0.25 -22.47	40.47 0.34 -6.00	53.33 0.54 -6.90	140.64 0.61 -79.50	54.95 0.48 -15.48	47.82 0.44 -10.46	45.22 0.49 -0.03	57.89 0.58 -7.80	63.81 0.66 -6.75	51.27 0.71 0.00
ETNA____115KV_TB2 80207	42.78 0.36 0.00	36.86 0.37 0.00	37.60 0.42 0.00	38.03 0.38 0.00	40.66 0.47 0.00	40.87 0.59 0.00	34.67 0.48 0.00	35.72 0.41 0.00	37.11 0.60 0.00	35.85 0.55 0.00	28.79 0.38 0.00	32.39 0.33 0.00	29.07 0.20 -2.15	38.87 0.41 -2.67	52.48 0.25 -22.47	40.47 0.34 -6.00	53.33 0.54 -6.90	140.64 0.61 -79.50	54.95 0.48 -15.48	47.82 0.44 -10.46	45.22 0.49 -0.03	57.89 0.58 -7.80	63.81 0.66 -6.75	51.27 0.71 0.00
EUCLID____115KV_TB2 356179	41.62 -0.81 0.00	35.86 -0.62 0.00	36.54 -0.63 0.00	37.01 -0.64 0.00	39.50 -0.68 0.00	39.63 -0.64 0.00	33.57 -0.62 0.00	34.53 -0.78 0.00	35.74 -0.77 0.00	34.56 -0.73 0.00	27.81 -0.59 0.00	31.34 -0.71 0.00	26.86 -0.63 -0.77	35.13 -0.86 -0.19	29.82 -0.71 -0.77	35.54 -0.85 -2.27	46.02 -1.18 -1.31	59.56 -1.58 -0.60	38.97 -0.99 -0.98	36.43 -0.90 -0.41	43.64 -1.08 -0.01	50.80 -1.03 -2.31	55.30 -1.10 0.00	49.68 -0.88 0.00
E_CANADA_CAP_HY 24051	44.23 1.81 0.00	37.93 1.45 0.00	38.60 1.42 0.00	39.10 1.45 0.00	41.74 1.55 0.00	42.05 1.77 0.00	35.80 1.61 0.00	36.90 1.59 0.00	38.02 1.51 0.00	36.55 1.26 0.00	29.24 0.84 0.00	33.09 1.04 0.00	41.10 0.90 -13.47	40.21 1.12 -3.29	44.20 1.08 -13.36	74.94 1.36 -39.46	70.69 2.03 -22.78	73.94 2.94 -10.46	57.89 1.79 -17.12	45.67 1.57 -7.19	46.72 1.82 -0.20	91.76 2.00 -40.25	58.86 2.46 0.00	52.74 2.17 0.00
E_CANADA_MHWK_HY 24050	42.89 0.47 0.00	36.80 0.31 0.00	37.38 0.20 0.00	37.84 0.19 0.00	40.50 0.32 0.00	40.46 0.18 0.00	34.54 0.35 0.00	35.94 0.63 0.00	37.08 0.57 0.00	35.83 0.54 0.00	28.54 0.14 0.00	32.33 0.28 0.00	27.07 0.35 0.00	36.54 0.74 0.00	30.58 0.81 0.00	35.23 1.10 0.00	47.23 1.35 0.00	62.25 1.72 0.00	40.14 1.16 0.00	37.92 1.00 0.00	45.86 1.15 0.00	50.55 1.03 0.00	57.20 0.81 0.00	51.21 0.65 0.00
E_FISHKILL____LBMP 23776	43.96 1.54 0.00	37.76 1.27 0.00	38.46 1.28 0.00	38.95 1.30 0.00	41.53 1.35 0.00	41.61 1.33 0.00	35.51 1.32 0.00	36.92 1.61 0.00	38.24 1.73 0.00	37.14 1.84 0.00	29.95 1.55 0.00	33.76 1.70 0.00	38.13 1.48 -9.93	40.35 2.11 -2.45	41.33 1.72 -9.84	65.04 1.83 -29.08	65.28 2.61 -16.79	71.75 3.50 -7.71	53.88 2.29 -12.61	44.36 2.14 -5.30	47.22 2.36 -0.15	81.55 2.37 -29.66	58.90 2.50 0.00	52.72 2.16 0.00
FALCON____SEABRD_CC1 323796	43.50 1.08 0.00	36.64 0.15 0.00	37.03 -0.15 0.00	37.56 -0.09 0.00	40.34 0.15 0.00	40.70 0.43 0.00	34.54 0.35 0.00	35.74 0.43 0.00	36.63 0.13 0.00	34.63 -0.66 0.00	27.49 -0.91 0.00	31.71 -0.34 0.00	26.33 -0.39 0.00	34.51 -1.29 0.00	28.72 -1.05 0.00	33.43 -0.69 0.00	44.82 -1.07 0.00	60.18 -0.36 0.00	37.77 -1.21 0.00	35.21 -1.71 0.00	43.11 -1.60 0.00	47.81 -1.71 0.00	55.71 -0.69 0.00	49.04 -1.52 0.00

FALCON___SEABRD_CC2 323797	43.50 1.08 0.00	36.64 0.15 0.00	37.03 -0.15 0.00	37.56 -0.09 0.00	40.34 0.15 0.00	40.70 0.43 0.00	34.54 0.35 0.00	35.74 0.43 0.00	36.63 0.13 0.00	34.63 -0.66 0.00	27.49 -0.91 0.00	31.71 -0.34 0.00	26.33 -0.39 0.00	34.51 -1.29 0.00	28.72 -1.05 0.00	33.43 -0.69 0.00	44.82 -1.07 0.00	60.18 -0.36 0.00	37.77 -1.21 0.00	35.21 -1.71 0.00	43.11 -1.60 0.00	47.81 -1.71 0.00	55.71 -0.69 0.00	49.04 -1.52 0.00
FAR ROCKAWAY___4 23548	45.10 2.67 0.00	38.71 2.22 0.00	39.27 2.09 0.00	39.80 2.15 0.00	42.38 2.20 0.00	42.51 2.23 0.00	36.35 2.15 0.00	37.87 2.56 0.00	39.25 2.75 0.00	38.24 2.94 0.00	32.28 2.41 -1.47	34.62 2.56 0.00	46.92 2.24 -17.96	87.84 3.17 -48.87	42.21 2.76 -9.69	65.62 2.88 -28.61	66.43 4.04 -16.51	73.55 5.43 -7.58	54.74 3.35 -12.41	45.33 3.20 -5.21	48.43 3.58 -0.14	82.35 3.66 -29.18	60.51 4.11 0.00	53.94 3.38 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.52 2.09 0.00	38.20 1.71 0.00	38.87 1.69 0.00	39.37 1.72 0.00	41.96 1.78 0.00	42.02 1.75 0.00	35.83 1.64 0.00	37.28 1.97 0.00	38.69 2.18 0.00	37.68 2.38 0.00	30.44 2.03 0.00	34.27 2.22 0.00	38.40 1.92 -9.76	41.02 2.75 -2.47	41.67 2.23 -9.68	65.03 2.30 -28.60	65.62 3.23 -16.51	72.47 4.35 -7.58	54.22 2.84 -12.41	44.78 2.65 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.62 3.22 0.00	53.32 2.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.52 2.09 0.00	38.19 1.71 0.00	38.86 1.68 0.00	39.35 1.70 0.00	41.92 1.73 0.00	42.01 1.73 0.00	35.83 1.64 0.00	37.29 1.98 0.00	38.70 2.19 0.00	37.69 2.39 0.00	30.44 2.03 0.00	34.28 2.23 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.68 2.23 -9.68	65.04 2.31 -28.60	65.64 3.25 -16.51	72.49 4.37 -7.58	54.24 2.86 -12.41	44.80 2.67 -5.21	47.76 2.91 -0.14	81.68 2.99 -29.17	59.65 3.25 0.00	53.35 2.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.50 2.08 0.00	38.19 1.71 0.00	38.85 1.67 0.00	39.34 1.69 0.00	41.94 1.76 0.00	42.00 1.72 0.00	35.82 1.63 0.00	37.27 1.96 0.00	38.67 2.16 0.00	37.66 2.36 0.00	30.42 2.01 0.00	34.26 2.21 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.66 2.21 -9.68	65.01 2.28 -28.60	65.60 3.21 -16.51	72.42 4.30 -7.58	54.20 2.81 -12.41	44.75 2.62 -5.21	47.72 2.87 -0.14	81.63 2.94 -29.17	59.59 3.19 0.00	53.30 2.74 0.00
FARRAGUT___LBMP 323566	44.47 2.05 0.00	38.16 1.67 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.92 1.73 0.00	41.98 1.70 0.00	35.79 1.60 0.00	37.25 1.93 0.00	38.64 2.14 0.00	37.62 2.33 0.00	30.39 1.99 0.00	34.23 2.17 0.00	38.37 1.88 -9.76	40.96 2.69 -2.47	41.64 2.19 -9.68	64.98 2.25 -28.60	65.55 3.16 -16.51	72.38 4.26 -7.58	54.16 2.78 -12.41	44.73 2.61 -5.21	47.69 2.84 -0.14	81.59 2.90 -29.17	59.55 3.15 0.00	53.26 2.70 0.00
FENNER___WINDPWR 24204	42.91 0.48 0.00	36.87 0.39 0.00	37.63 0.45 0.00	38.01 0.36 0.00	40.69 0.51 0.00	40.84 0.56 0.00	34.64 0.45 0.00	35.82 0.51 0.00	37.11 0.60 0.00	35.68 0.39 0.00	28.66 0.26 0.00	32.47 0.42 0.00	28.12 0.29 -1.11	36.38 0.31 -0.27	34.91 0.24 -4.90	37.74 0.37 -3.24	48.69 0.63 -2.17	76.61 0.65 -15.42	42.54 0.36 -3.21	39.23 0.26 -2.04	45.07 0.35 -0.02	53.52 0.39 -3.62	58.12 0.43 -1.29	50.94 0.38 0.00
FIBERTEK___ENERGY 23856	42.02 -0.40 0.00	36.21 -0.28 0.00	36.91 -0.27 0.00	37.36 -0.29 0.00	39.90 -0.29 0.00	40.04 -0.23 0.00	33.93 -0.27 0.00	34.90 -0.42 0.00	36.14 -0.37 0.00	34.93 -0.37 0.00	28.11 -0.29 0.00	31.67 -0.38 0.00	27.31 -0.34 -0.93	35.56 -0.46 -0.23	30.28 -0.41 -0.92	36.37 -0.47 -2.71	46.82 -0.62 -1.57	60.36 -0.89 -0.72	39.63 -0.52 -1.18	36.94 -0.47 -0.49	44.17 -0.55 -0.01	51.82 -0.46 -2.77	55.91 -0.49 0.00	50.22 -0.34 0.00
FITZPATRICK____ 23598	41.11 -1.31 0.00	35.42 -1.07 0.00	36.09 -1.09 0.00	36.55 -1.11 0.00	39.01 -1.18 0.00	39.11 -1.17 0.00	33.11 -1.08 0.00	34.05 -1.27 0.00	35.21 -1.30 0.00	34.04 -1.25 0.00	27.42 -0.98 0.00	30.91 -1.15 0.00	26.29 -0.98 -0.55	34.57 -1.36 -0.13	29.20 -1.11 -0.54	34.42 -1.30 -1.60	45.00 -1.81 -0.92	58.52 -2.44 -0.42	38.13 -1.55 -0.69	35.79 -1.42 -0.29	43.03 -1.69 -0.01	49.50 -1.64 -1.63	54.61 -1.79 0.00	49.02 -1.54 0.00
FLOWRFLD_69_KV_BK1 356044	45.16 2.73 0.00	38.79 2.31 0.00	39.26 2.08 0.00	39.79 2.14 0.00	42.33 2.15 0.00	42.50 2.23 0.00	36.41 2.22 0.00	38.02 2.71 0.00	39.35 2.84 0.00	38.49 3.19 0.00	31.89 2.57 -0.91	34.65 2.59 0.00	43.83 2.26 -14.85	70.52 3.45 -31.27	42.38 2.94 -9.69	65.76 3.02 -28.61	66.63 4.23 -16.51	73.90 5.78 -7.58	54.79 3.40 -12.41	45.42 3.30 -5.21	48.52 3.67 -0.14	82.40 3.71 -29.18	60.55 4.15 0.00	53.82 3.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.53 2.11 0.00	38.22 1.73 0.00	38.93 1.75 0.00	39.43 1.78 0.00	42.05 1.86 0.00	42.15 1.87 0.00	36.00 1.81 0.00	37.43 2.11 0.00	38.78 2.27 0.00	37.63 2.34 0.00	30.34 1.94 0.00	34.24 2.19 0.00	38.40 1.88 -9.80	40.85 2.65 -2.40	41.65 2.18 -9.71	65.18 2.36 -28.70	65.81 3.37 -16.56	72.70 4.56 -7.61	54.38 2.95 -12.45	44.89 2.75 -5.23	47.94 3.09 -0.14	81.93 3.14 -29.27	59.78 3.38 0.00	53.47 2.91 0.00
FORT ORANGE____ 23900	43.82 1.40 0.00	37.72 1.24 0.00	38.43 1.26 0.00	38.95 1.30 0.00	41.56 1.37 0.00	41.55 1.28 0.00	35.21 1.02 0.00	36.51 1.20 0.00	37.65 1.14 0.00	36.39 1.10 0.00	29.34 0.94 0.00	33.09 1.04 0.00	39.22 0.96 -11.54	40.03 1.41 -2.82	42.31 1.11 -11.44	69.24 1.32 -33.80	67.19 1.80 -19.50	71.89 2.39 -8.96	55.16 1.53 -14.66	44.50 1.43 -6.15	46.60 1.73 -0.17	85.66 1.68 -34.47	58.11 1.71 0.00	52.03 1.46 0.00
FORT_DRUM_COGEN 23780	42.21 -0.21 0.00	35.88 -0.61 0.00	36.90 -0.28 0.00	37.20 -0.44 0.00	39.62 -0.57 0.00	39.78 -0.49 0.00	33.83 -0.36 0.00	35.23 -0.08 0.00	35.95 -0.56 0.00	34.24 -1.05 0.00	27.47 -0.93 0.00	31.50 -0.55 0.00	26.68 -0.52 -0.48	34.69 -1.22 -0.11	28.94 -1.30 -0.47	34.47 -1.06 -1.40	45.52 -1.17 -0.81	59.80 -1.11 -0.37	38.71 -0.87 -0.60	35.98 -1.20 -0.25	43.68 -1.03 -0.01	49.43 -1.51 -1.43	54.94 -1.46 0.00	49.08 -1.49 0.00
FOX_HILLS___ESR 323835	44.38 1.96 0.00	38.48 2.00 0.00	39.20 2.02 0.00	39.71 2.06 0.00	42.34 2.16 0.00	42.40 2.12 0.00	36.15 1.96 0.00	37.44 2.12 0.00	38.83 2.33 0.00	37.78 2.48 0.00	30.48 2.08 0.00	34.33 2.27 0.00	38.42 1.93 -9.76	41.10 2.83 -2.47	41.79 2.34 -9.68	65.15 2.42 -28.61	65.73 3.34 -16.51	72.70 4.58 -7.58	54.41 3.02 -12.41	44.96 2.83 -5.21	47.92 3.07 -0.14	81.86 3.17 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
FPL FAR_ROCK_GT1 24212	45.10 2.67 0.00	38.71 2.22 0.00	39.27 2.09 0.00	39.80 2.15 0.00	42.38 2.19 0.00	42.51 2.23 0.00	36.35 2.15 0.00	37.87 2.56 0.00	39.25 2.75 0.00	38.24 2.94 0.00	32.28 2.40 -1.47	34.62 2.56 0.00	46.92 2.24 -17.96	87.83 3.16 -48.87	42.21 2.76 -9.69	65.62 2.88 -28.61	66.43 4.04 -16.51	73.55 5.43 -7.58	54.74 3.35 -12.41	45.33 3.20 -5.21	48.43 3.58 -0.14	82.35 3.66 -29.18	60.53 4.13 0.00	53.94 3.38 0.00

FPL FAR_ROCK_GT2 23815	45.10 2.67 0.00	38.71 2.22 0.00	39.27 2.09 0.00	39.80 2.15 0.00	42.38 2.19 0.00	42.51 2.23 0.00	36.35 2.15 0.00	37.87 2.56 0.00	39.25 2.75 0.00	38.24 2.94 0.00	32.28 2.40 -1.47	34.62 2.56 0.00	46.92 2.24 -17.96	87.83 3.16 -48.87	42.21 2.76 -9.69	65.62 2.88 -28.61	66.43 4.04 -16.51	73.55 5.43 -7.58	54.74 3.35 -12.41	45.33 3.20 -5.21	48.43 3.58 -0.14	82.35 3.66 -29.18	60.53 4.13 0.00	53.94 3.38 0.00
FRANKLIN_FALL_HYD 24054	43.41 0.99 0.00	36.50 0.02 0.00	36.93 -0.25 0.00	37.41 -0.24 0.00	40.11 -0.08 0.00	40.46 0.18 0.00	34.32 0.12 0.00	35.54 0.23 0.00	36.51 0.01 0.00	34.47 -0.83 0.00	27.45 -0.96 0.00	31.57 -0.48 0.00	26.41 -0.48 -0.16	34.52 -1.32 -0.04	28.74 -1.19 -0.16	33.89 -0.70 -0.47	45.22 -0.93 -0.27	60.37 -0.29 -0.12	38.09 -1.10 -0.20	35.47 -1.53 -0.08	43.39 -1.32 0.00	48.54 -1.46 -0.48	55.68 -0.72 0.00	49.12 -1.45 0.00
FREEPORT_EQUS_GT1 23764	44.88 2.46 0.00	38.56 2.07 0.00	39.08 1.90 0.00	39.60 1.95 0.00	42.17 1.98 0.00	42.31 2.03 0.00	36.18 1.99 0.00	37.72 2.40 0.00	39.07 2.56 0.00	38.10 2.80 0.00	31.90 2.28 -1.22	34.43 2.37 0.00	45.37 2.08 -16.56	79.77 2.99 -40.98	42.03 2.58 -9.69	65.41 2.67 -28.61	66.11 3.71 -16.51	73.21 5.09 -7.58	54.50 3.12 -12.41	45.10 2.96 -5.21	48.13 3.28 -0.14	82.04 3.35 -29.18	60.18 3.78 0.00	53.64 3.08 0.00
FREEPORT___CT2 23818	44.88 2.46 0.00	38.56 2.07 0.00	39.08 1.90 0.00	39.60 1.95 0.00	42.17 1.98 0.00	42.31 2.03 0.00	36.18 1.99 0.00	37.72 2.40 0.00	39.07 2.56 0.00	38.10 2.80 0.00	31.90 2.28 -1.22	34.43 2.37 0.00	45.37 2.08 -16.56	79.77 2.99 -40.98	42.03 2.58 -9.69	65.41 2.67 -28.61	66.11 3.71 -16.51	73.21 5.09 -7.58	54.50 3.12 -12.41	45.10 2.96 -5.21	48.13 3.28 -0.14	82.04 3.35 -29.18	60.18 3.78 0.00	53.64 3.08 0.00
FRESHKLS_33_KV_LOAD 356253	44.31 1.89 0.00	38.60 2.12 0.00	39.35 2.17 0.00	39.86 2.21 0.00	42.51 2.33 0.00	42.57 2.30 0.00	36.28 2.08 0.00	37.46 2.15 0.00	38.84 2.34 0.00	37.75 2.45 0.00	30.46 2.05 0.00	34.29 2.24 0.00	38.38 1.89 -9.76	41.06 2.79 -2.47	41.78 2.34 -9.68	65.15 2.42 -28.61	65.74 3.35 -16.51	72.74 4.62 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.94 3.09 -0.14	81.88 3.19 -29.17	59.97 3.58 0.00	53.63 3.07 0.00
FULTON COGEN____ 23766	41.38 -1.04 0.00	35.66 -0.82 0.00	36.34 -0.84 0.00	36.79 -0.86 0.00	39.28 -0.90 0.00	39.40 -0.87 0.00	33.37 -0.82 0.00	34.32 -0.99 0.00	35.50 -1.01 0.00	34.32 -0.97 0.00	27.60 -0.80 0.00	31.16 -0.90 0.00	26.68 -0.77 -0.73	34.85 -1.13 -0.18	29.60 -0.89 -0.72	35.24 -1.01 -2.13	45.73 -1.39 -1.23	59.24 -1.86 -0.56	38.75 -1.15 -0.92	36.25 -1.06 -0.39	43.46 -1.26 -0.01	50.48 -1.21 -2.17	55.06 -1.33 0.00	49.45 -1.11 0.00
FULTON___LFGE 323630	44.53 2.10 0.00	38.23 1.74 0.00	38.90 1.72 0.00	39.40 1.75 0.00	42.08 1.89 0.00	42.31 2.03 0.00	36.05 1.86 0.00	37.27 1.95 0.00	38.35 1.84 0.00	36.75 1.45 0.00	29.41 1.00 0.00	33.36 1.30 0.00	40.70 1.12 -12.86	40.45 1.50 -3.14	43.98 1.47 -12.75	73.65 1.85 -37.67	70.35 2.72 -21.74	74.33 3.80 -9.99	57.70 2.38 -16.34	45.94 2.16 -6.86	47.42 2.52 -0.19	90.63 2.70 -38.42	59.49 3.09 0.00	53.24 2.67 0.00
G.F.CEMENT___DRP 24184	44.96 2.54 0.00	38.75 2.26 0.00	39.55 2.37 0.00	40.05 2.39 0.00	42.81 2.63 0.00	43.07 2.79 0.00	36.76 2.57 0.00	38.12 2.81 0.00	39.32 2.82 0.00	37.81 2.52 0.00	30.26 1.85 0.00	34.29 2.23 0.00	40.60 1.94 -11.94	41.31 2.60 -2.92	43.85 2.25 -11.84	71.80 2.70 -34.98	69.98 3.91 -20.19	74.84 5.03 -9.27	57.41 3.25 -15.17	46.36 3.07 -6.37	48.44 3.56 -0.18	88.85 3.65 -35.67	60.48 4.08 0.00	54.07 3.51 0.00
GARDENVILLE___LBMP 24039	40.73 -1.69 0.00	35.56 -0.93 0.00	36.27 -0.91 0.00	36.80 -0.85 0.00	39.11 -1.08 0.00	39.45 -0.82 0.00	33.23 -0.96 0.00	33.66 -1.65 0.00	35.18 -1.33 0.00	33.96 -1.33 0.00	26.75 -1.66 0.00	29.95 -2.11 0.00	25.52 -2.21 -1.00	23.96 -2.80 9.04	20.13 -2.40 7.23	35.39 -2.95 -4.22	35.72 -4.02 6.14	25.01 -4.89 30.63	19.38 -3.37 16.23	24.51 -3.08 9.33	41.03 -3.69 -0.02	49.13 -4.18 -3.79	50.91 -3.43 2.06	48.25 -2.32 0.00
GARDNVLA_35_KV_LD 355827	40.92 -1.50 0.00	35.72 -0.77 0.00	36.43 -0.75 0.00	36.95 -0.70 0.00	39.29 -0.89 0.00	39.63 -0.65 0.00	33.38 -0.81 0.00	33.82 -1.49 0.00	35.36 -1.15 0.00	34.14 -1.16 0.00	26.89 -1.51 0.00	30.10 -1.95 0.00	25.73 -2.08 -1.09	25.82 -2.62 7.37	20.78 -2.26 6.72	35.60 -2.75 -4.24	37.42 -3.77 4.69	27.03 -4.59 28.91	22.31 -3.17 13.49	26.11 -2.89 7.92	41.30 -3.43 -0.02	49.42 -3.90 -3.81	51.21 -3.14 2.05	48.50 -2.06 0.00
GELCKHM___115KV_LOAD 80723	41.78 -0.64 0.00	36.00 -0.49 0.00	36.68 -0.50 0.00	37.14 -0.51 0.00	39.65 -0.53 0.00	39.78 -0.49 0.00	33.70 -0.49 0.00	34.66 -0.65 0.00	35.89 -0.62 0.00	34.69 -0.60 0.00	27.93 -0.47 0.00	31.47 -0.58 0.00	27.03 -0.53 -0.83	35.30 -0.70 -0.20	29.99 -0.59 -0.82	35.85 -0.70 -2.43	46.33 -0.96 -1.40	59.85 -1.33 -0.64	39.23 -0.80 -1.06	36.63 -0.74 -0.44	43.84 -0.88 -0.01	51.18 -0.81 -2.48	55.53 -0.87 0.00	49.88 -0.69 0.00
GENERAL___MILLS 23808	40.88 -1.55 0.00	35.67 -0.82 0.00	36.38 -0.80 0.00	36.91 -0.74 0.00	39.24 -0.94 0.00	39.58 -0.70 0.00	33.35 -0.85 0.00	33.77 -1.54 0.00	35.31 -1.20 0.00	34.07 -1.22 0.00	26.85 -1.56 0.00	30.06 -2.00 0.00	25.66 -2.12 -1.07	25.32 -2.66 7.82	20.61 -2.30 6.86	35.54 -2.82 -4.23	36.96 -3.84 5.08	26.49 -4.67 29.38	21.52 -3.22 14.24	25.67 -2.95 8.30	41.21 -3.52 -0.02	49.34 -3.98 -3.80	51.13 -3.22 2.05	48.44 -2.13 0.00
GE_PLASTICS___DRP 24183	43.50 1.08 0.00	37.42 0.94 0.00	38.14 0.96 0.00	38.64 0.99 0.00	41.24 1.05 0.00	41.24 0.96 0.00	34.98 0.79 0.00	36.26 0.95 0.00	37.44 0.93 0.00	36.22 0.93 0.00	29.21 0.80 0.00	32.96 0.91 0.00	39.06 0.80 -11.54	39.76 1.15 -2.82	42.12 0.91 -11.44	68.98 1.06 -33.80	66.82 1.43 -19.50	71.38 1.88 -8.96	54.85 1.21 -14.66	44.22 1.14 -6.15	46.25 1.37 -0.17	85.31 1.33 -34.47	57.76 1.36 0.00	51.72 1.16 0.00
GILBOA___1 23756	43.26 0.84 0.00	37.20 0.71 0.00	37.92 0.74 0.00	38.40 0.75 0.00	40.99 0.80 0.00	41.05 0.78 0.00	34.92 0.73 0.00	36.19 0.87 0.00	37.43 0.92 0.00	36.24 0.94 0.00	29.18 0.78 0.00	32.92 0.87 0.00	36.59 0.75 -9.12	39.10 1.07 -2.23	39.67 0.87 -9.04	61.79 0.96 -26.71	62.55 1.25 -15.41	69.26 1.64 -7.08	51.66 1.10 -11.58	42.84 1.06 -4.86	46.09 1.25 -0.13	77.98 1.23 -27.24	57.70 1.30 0.00	51.69 1.13 0.00
GILBOA___2 23757	43.26 0.84 0.00	37.20 0.71 0.00	37.92 0.74 0.00	38.40 0.75 0.00	40.99 0.80 0.00	41.05 0.78 0.00	34.92 0.73 0.00	36.19 0.87 0.00	37.43 0.92 0.00	36.24 0.94 0.00	29.18 0.78 0.00	32.92 0.87 0.00	36.59 0.75 -9.12	39.10 1.07 -2.23	39.67 0.87 -9.04	61.79 0.96 -26.71	62.55 1.25 -15.41	69.26 1.64 -7.08	51.66 1.10 -11.58	42.84 1.06 -4.86	46.09 1.25 -0.13	77.98 1.23 -27.24	57.70 1.30 0.00	51.69 1.13 0.00

GILBOA___3 23758	43.26 0.84 0.00	37.20 0.71 0.00	37.92 0.74 0.00	38.40 0.75 0.00	40.99 0.80 0.00	41.05 0.78 0.00	34.92 0.73 0.00	36.19 0.87 0.00	37.43 0.92 0.00	36.24 0.94 0.00	29.18 0.78 0.00	32.92 0.87 0.00	36.59 0.75 -9.12	39.10 1.07 -2.23	39.67 0.87 -9.04	61.79 0.96 -26.71	62.55 1.25 -15.41	69.26 1.64 -7.08	51.66 1.10 -11.58	42.84 1.06 -4.86	46.09 1.25 -0.13	77.98 1.23 -27.24	57.70 1.30 0.00	51.69 1.13 0.00
GILBOA___4 23759	43.26 0.84 0.00	37.20 0.71 0.00	37.92 0.74 0.00	38.40 0.75 0.00	40.99 0.80 0.00	41.05 0.78 0.00	34.92 0.73 0.00	36.19 0.87 0.00	37.43 0.92 0.00	36.24 0.94 0.00	29.18 0.78 0.00	32.92 0.87 0.00	36.59 0.75 -9.12	39.10 1.07 -2.23	39.67 0.87 -9.04	61.79 0.96 -26.71	62.55 1.25 -15.41	69.26 1.64 -7.08	51.66 1.10 -11.58	42.84 1.06 -4.86	46.09 1.25 -0.13	77.98 1.23 -27.24	57.70 1.30 0.00	51.69 1.13 0.00
GILBOA___ 23599	43.27 0.84 0.00	37.20 0.72 0.00	37.92 0.74 0.00	38.40 0.75 0.00	40.99 0.80 0.00	41.05 0.78 0.00	34.92 0.73 0.00	36.18 0.88 0.00	37.43 0.92 0.00	36.24 0.95 0.00	29.18 0.78 0.00	32.92 0.87 0.00	36.59 0.75 -9.12	39.10 1.07 -2.23	39.67 0.87 -9.04	61.79 0.96 -26.71	62.55 1.26 -15.41	69.26 1.64 -7.08	51.66 1.10 -11.58	42.85 1.06 -4.86	46.09 1.25 -0.13	77.98 1.23 -27.24	57.70 1.30 0.00	51.68 1.12 0.00
GINNA___ 23603	39.46 -2.93 0.03	34.20 -2.28 0.00	34.84 -2.34 0.00	35.30 -2.35 0.00	37.64 -2.54 0.00	37.90 -2.38 0.00	32.02 -2.16 0.01	32.69 -2.53 0.09	34.03 -2.48 0.00	32.91 -2.38 0.01	26.22 -2.18 0.00	29.47 -2.59 0.00	25.44 -2.33 -1.05	32.92 -3.14 -0.26	25.09 -2.58 2.10	33.90 -2.94 -2.72	42.79 -3.98 -0.88	44.16 -5.16 11.22	35.38 -3.45 0.15	33.05 -3.23 0.64	40.87 -3.85 -0.02	48.02 -4.25 -2.75	50.81 -4.38 1.21	46.94 -3.62 0.00
GLEN PARK___ 23778	42.25 -0.18 0.00	35.94 -0.54 0.00	36.96 -0.22 0.00	37.27 -0.38 0.00	39.69 -0.49 0.00	39.87 -0.40 0.00	33.91 -0.28 0.00	35.32 0.00 0.00	36.06 -0.45 0.00	34.36 -0.93 0.00	27.58 -0.83 0.00	31.62 -0.44 0.00	26.79 -0.43 -0.49	34.86 -1.06 -0.12	29.07 -1.18 -0.49	34.63 -0.94 -1.44	45.75 -0.97 -0.83	60.08 -0.84 -0.38	38.92 -0.68 -0.63	36.18 -1.00 -0.26	43.89 -0.82 -0.01	49.71 -1.28 -1.47	55.17 -1.24 0.00	49.26 -1.30 0.00
GLENDALE_27_KV_LOAD 356172	44.67 2.25 0.00	38.39 1.90 0.00	39.05 1.88 0.00	39.54 1.89 0.00	42.16 1.97 0.00	42.23 1.96 0.00	36.02 1.83 0.00	37.47 2.16 0.00	38.90 2.38 0.00	37.87 2.58 0.00	30.59 2.18 0.00	34.44 2.39 0.00	38.53 2.04 -9.76	41.20 2.93 -2.47	41.83 2.39 -9.68	65.22 2.49 -28.61	65.86 3.46 -16.51	72.79 4.67 -7.58	54.45 3.07 -12.41	44.99 2.86 -5.21	47.98 3.13 -0.14	81.90 3.21 -29.17	59.92 3.52 0.00	53.58 3.01 0.00
GLENWOOD_IC_1_G5 23712	44.68 2.26 0.00	38.37 1.88 0.00	38.97 1.79 0.00	39.48 1.84 0.00	42.07 1.89 0.00	42.17 1.89 0.00	36.03 1.84 0.00	37.51 2.20 0.00	38.90 2.39 0.00	37.89 2.59 -0.01	32.11 2.14 -1.57	34.35 2.30 0.00	47.24 2.00 -18.53	90.75 2.86 -52.09	41.82 2.37 -9.69	65.20 2.47 -28.61	65.87 3.47 -16.51	72.83 4.70 -7.58	54.34 2.95 -12.41	44.91 2.78 -5.21	47.93 3.08 -0.14	81.83 3.14 -29.18	59.85 3.46 0.00	53.45 2.89 0.00
GLENWOOD_IC_2_G1 23688	44.47 2.05 0.00	38.19 1.71 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.91 1.73 0.00	42.00 1.72 0.00	35.87 1.68 0.00	37.33 2.02 0.00	38.69 2.19 0.00	37.67 2.38 0.00	30.45 1.98 -0.07	34.19 2.13 0.00	38.72 1.86 -10.14	43.05 2.65 -4.60	41.64 2.20 -9.69	65.02 2.29 -28.61	65.61 3.22 -16.51	72.47 4.35 -7.58	54.15 2.77 -12.41	44.74 2.60 -5.21	47.72 2.87 -0.14	81.60 2.91 -29.18	59.60 3.20 0.00	53.25 2.69 0.00
GLENWOOD_IC_3_G1 23689	44.47 2.05 0.00	38.19 1.71 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.91 1.73 0.00	42.00 1.72 0.00	35.87 1.68 0.00	37.33 2.02 0.00	38.69 2.19 0.00	37.67 2.38 0.00	30.45 1.98 -0.07	34.19 2.13 0.00	38.72 1.86 -10.14	43.05 2.65 -4.60	41.64 2.20 -9.69	65.02 2.29 -28.61	65.61 3.22 -16.51	72.47 4.35 -7.58	54.15 2.77 -12.41	44.74 2.60 -5.21	47.72 2.87 -0.14	81.60 2.91 -29.18	59.60 3.20 0.00	53.25 2.69 0.00
GLENWOOD___4 23550	44.68 2.26 0.00	38.37 1.88 0.00	38.97 1.79 0.00	39.48 1.84 0.00	42.07 1.89 0.00	42.17 1.89 0.00	36.03 1.84 0.00	37.51 2.20 0.00	38.90 2.39 0.00	37.89 2.59 -0.01	32.11 2.14 -1.57	34.35 2.30 0.00	47.24 2.00 -18.53	90.75 2.86 -52.09	41.82 2.37 -9.69	65.20 2.47 -28.61	65.87 3.47 -16.51	72.83 4.70 -7.58	54.34 2.95 -12.41	44.91 2.78 -5.21	47.93 3.08 -0.14	81.83 3.14 -29.18	59.85 3.46 0.00	53.45 2.89 0.00
GLENWOOD___5 23614	44.68 2.26 0.00	38.37 1.88 0.00	38.97 1.79 0.00	39.48 1.84 0.00	42.07 1.89 0.00	42.17 1.89 0.00	36.03 1.84 0.00	37.51 2.20 0.00	38.90 2.39 0.00	37.89 2.59 -0.01	32.11 2.14 -1.57	34.35 2.30 0.00	47.24 2.00 -18.53	90.75 2.86 -52.09	41.82 2.37 -9.69	65.20 2.47 -28.61	65.87 3.47 -16.51	72.83 4.70 -7.58	54.34 2.95 -12.41	44.91 2.78 -5.21	47.93 3.08 -0.14	81.83 3.14 -29.18	59.85 3.46 0.00	53.45 2.89 0.00
GLOBAL GREEN_PORT_GT1 23814	44.72 2.30 0.00	38.36 1.88 0.00	38.82 1.64 0.00	39.34 1.69 0.00	41.86 1.68 0.00	42.32 2.04 0.00	36.17 1.98 0.00	37.95 2.64 0.00	39.51 3.00 0.00	38.93 3.63 0.00	32.20 2.89 -0.91	35.26 3.20 0.00	44.38 2.84 -14.83	70.90 3.97 -31.13	42.99 3.54 -9.69	66.35 3.62 -28.61	67.77 5.37 -16.51	75.52 7.40 -7.58	55.17 3.78 -12.41	45.94 3.81 -5.21	48.96 4.11 -0.14	82.48 3.78 -29.18	60.80 4.40 0.00	53.53 2.97 0.00
GLOBE___DSASP 323697	39.41 -3.02 0.00	34.46 -2.03 0.00	35.09 -2.09 0.00	35.58 -2.07 0.00	37.83 -2.35 0.00	38.21 -2.06 0.00	32.07 -2.13 0.00	32.42 -2.89 0.00	33.88 -2.63 0.00	32.74 -2.56 0.00	25.72 -2.69 0.00	28.79 -3.27 0.00	24.61 -3.15 -1.05	25.63 -4.19 5.98	20.68 -3.44 5.65	33.80 -4.24 -3.92	36.45 -5.84 3.59	28.46 -7.36 24.72	22.94 -5.06 10.97	25.74 -4.68 6.51	39.31 -5.42 -0.02	46.92 -6.15 -3.55	49.12 -5.50 1.78	46.69 -3.87 0.00
GOETHSLN___LBMP 323567	44.31 1.89 0.00	37.97 1.48 0.00	38.62 1.44 0.00	39.11 1.47 0.00	41.71 1.52 0.00	41.76 1.48 0.00	35.63 1.44 0.00	37.09 1.78 0.00	38.49 1.98 0.00	37.48 2.18 0.00	30.28 1.88 0.00	34.07 2.02 0.00	38.24 1.75 -9.76	40.81 2.54 -2.47	41.52 2.08 -9.68	64.84 2.12 -28.60	65.40 3.01 -16.51	72.16 4.04 -7.58	54.03 2.65 -12.41	44.59 2.46 -5.21	47.51 2.66 -0.14	81.40 2.71 -29.17	59.34 2.94 0.00	53.08 2.52 0.00
GOLAH___69_KV_TB 1_2 80279	41.26 -1.17 0.00	35.82 -0.67 0.00	36.58 -0.59 0.00	37.05 -0.60 0.00	39.42 -0.76 0.00	39.74 -0.53 0.00	33.56 -0.63 0.00	34.18 -1.13 0.00	35.56 -0.95 0.00	34.38 -0.91 0.00	27.22 -1.18 0.00	30.60 -1.45 0.00	26.26 -1.51 -1.05	32.91 -1.98 0.91	25.28 -1.66 2.83	35.44 -1.90 -3.22	43.96 -2.48 -0.55	43.54 -3.01 13.99	34.64 -2.12 2.22	33.21 -1.95 1.77	42.42 -2.30 -0.02	49.91 -2.59 -2.98	52.99 -2.20 1.22	49.06 -1.50 0.00

GOODYEAR_LAKE_HYD 323669	43.51 1.08 0.00	37.43 0.95 0.00	38.15 0.97 0.00	38.65 1.00 0.00	41.30 1.11 0.00	41.52 1.25 0.00	35.37 1.17 0.00	36.53 1.22 0.00	37.91 1.40 0.00	36.67 1.38 0.00	29.48 1.08 0.00	33.23 1.17 0.00	30.54 0.95 -2.86	37.81 1.31 -0.70	33.65 1.05 -2.84	43.72 1.22 -8.38	52.48 1.75 -4.84	65.06 2.30 -2.22	44.13 1.52 -3.64	39.85 1.40 -1.53	46.30 1.55 -0.04	59.70 1.64 -8.55	58.28 1.87 0.00	52.28 1.72 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.48 0.05 0.00	36.60 0.11 0.00	37.34 0.16 0.00	37.75 0.10 0.00	40.33 0.15 0.00	40.55 0.27 0.00	34.39 0.20 0.00	35.42 0.11 0.00	36.82 0.31 0.00	35.59 0.29 0.00	28.58 0.18 0.00	32.16 0.10 0.00	29.74 0.03 -2.99	36.73 0.20 -0.73	32.72 0.00 -2.96	42.90 0.02 -8.75	51.03 0.10 -5.05	62.76 -0.10 -2.32	42.84 0.07 -3.80	38.57 0.06 -1.59	44.76 0.01 -0.04	58.48 0.04 -8.93	56.46 0.06 0.00	50.82 0.25 0.00
GOUDEY___7 23579	42.48 0.05 0.00	36.60 0.11 0.00	37.34 0.16 0.00	37.75 0.10 0.00	40.33 0.15 0.00	40.55 0.27 0.00	34.39 0.20 0.00	35.42 0.11 0.00	36.82 0.31 0.00	35.59 0.29 0.00	28.58 0.18 0.00	32.16 0.10 0.00	29.74 0.03 -2.99	36.73 0.20 -0.73	32.72 0.00 -2.96	42.90 0.02 -8.75	51.03 0.10 -5.05	62.76 -0.10 -2.32	42.84 0.07 -3.80	38.57 0.06 -1.59	44.76 0.01 -0.04	58.48 0.04 -8.93	56.46 0.06 0.00	50.82 0.25 0.00
GOUDEY___8 23580	42.48 0.05 0.00	36.60 0.11 0.00	37.34 0.16 0.00	37.75 0.10 0.00	40.33 0.15 0.00	40.55 0.27 0.00	34.39 0.20 0.00	35.42 0.11 0.00	36.82 0.31 0.00	35.59 0.29 0.00	28.58 0.18 0.00	32.16 0.10 0.00	29.74 0.03 -2.99	36.73 0.20 -0.73	32.72 0.00 -2.96	42.90 0.02 -8.75	51.03 0.10 -5.05	62.76 -0.10 -2.32	42.84 0.07 -3.80	38.57 0.06 -1.59	44.76 0.01 -0.04	58.48 0.04 -8.93	56.46 0.06 0.00	50.82 0.25 0.00
GOWANUS_GT1_1 24077	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT1_2 24078	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT1_3 24079	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT1_4 24080	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT1_5 24084	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT1_6 24111	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT1_7 24112	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT1_8 24113	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT2_1 24114	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT2_2 24115	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT2_3 24116	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00

GOWANUS_GT2_4 24117	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT2_5 24118	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT2_6 24119	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT2_7 24120	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT2_8 24121	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT3_1 24122	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT3_2 24123	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT3_3 24124	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT3_4 24125	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT3_5 24126	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT3_6 24127	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT3_7 24128	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT3_8 24129	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GOWANUS_GT4_1 24130	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT4_2 24131	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00

GOWANUS_GT4_3 24132	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT4_4 24133	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT4_5 24134	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT4_6 24135	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT4_7 24136	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GOWANUS_GT4_8 24137	44.49 2.07 0.00	38.38 1.90 0.00	39.08 1.91 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.52 0.00	30.53 2.12 0.00	34.37 2.31 0.00	38.47 1.99 -9.76	41.14 2.87 -2.47	41.81 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.97 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
GREENBSH_115KV_TB3 55895	43.56 1.14 0.00	37.48 1.00 0.00	38.20 1.02 0.00	38.71 1.06 0.00	41.30 1.11 0.00	41.28 1.01 0.00	34.94 0.75 0.00	36.24 0.93 0.00	37.39 0.88 0.00	36.21 0.92 0.00	29.22 0.82 0.00	32.98 0.92 0.00	39.11 0.80 -11.58	39.78 1.15 -2.83	42.16 0.90 -11.49	69.13 1.07 -33.94	66.89 1.42 -19.59	71.41 1.88 -9.00	54.91 1.21 -14.72	44.23 1.13 -6.18	46.25 1.37 -0.17	85.43 1.30 -34.61	57.69 1.29 0.00	51.65 1.08 0.00
GREENDGE_115KV_TB5 80291	42.05 -0.37 0.00	36.31 -0.17 0.00	37.03 -0.15 0.00	37.47 -0.18 0.00	40.04 -0.15 0.00	40.41 0.13 0.00	34.19 0.00 0.00	35.09 -0.22 0.00	36.58 0.07 0.00	35.31 0.02 0.00	28.14 -0.27 0.00	31.48 -0.58 0.00	28.39 -0.61 -2.28	45.95 -0.80 -10.95	16.99 -0.78 11.99	38.57 -0.80 -5.24	55.59 -1.01 -10.72	6.43 -1.19 52.92	49.36 -0.93 -11.31	39.47 -0.69 -3.25	43.80 -0.93 -0.03	52.34 -1.13 -3.94	49.81 -0.94 5.65	50.00 -0.56 0.00
GREENIDGE___3 23582	42.05 -0.37 0.00	36.31 -0.17 0.00	37.03 -0.15 0.00	37.47 -0.18 0.00	40.04 -0.15 0.00	40.41 0.13 0.00	34.19 0.00 0.00	35.09 -0.22 0.00	36.58 0.07 0.00	35.31 0.02 0.00	28.14 -0.27 0.00	31.48 -0.58 0.00	28.39 -0.61 -2.28	45.95 -0.80 -10.95	16.99 -0.78 11.99	38.57 -0.80 -5.24	55.59 -1.01 -10.72	6.43 -1.19 52.92	49.36 -0.93 -11.31	39.47 -0.69 -3.25	43.80 -0.93 -0.03	52.34 -1.13 -3.94	49.81 -0.94 5.65	50.00 -0.56 0.00
GREENIDGE___4 23583	42.07 -0.37 -0.02	36.31 -0.17 0.00	37.03 -0.15 0.00	37.47 -0.18 0.00	40.04 -0.15 0.00	40.41 0.13 0.00	34.20 0.00 0.00	35.13 -0.23 -0.04	36.58 0.07 0.00	35.32 0.02 0.00	28.14 -0.27 0.00	31.47 -0.58 0.00	28.39 -0.61 -2.28	45.94 -0.81 -10.95	16.99 -0.79 11.99	38.74 -0.79 -5.41	55.89 -1.01 -11.02	6.34 -1.28 52.92	49.35 -0.93 -11.31	39.47 -0.70 -3.25	43.81 -0.93 -0.03	52.39 -1.13 -4.00	49.86 -0.95 5.59	49.98 -0.58 0.00
GREENLWN_69_KV_BK 3 55738	44.59 2.16 0.00	38.33 1.84 0.00	38.82 1.64 0.00	39.34 1.69 0.00	41.86 1.67 0.00	41.96 1.69 0.00	35.91 1.72 0.00	37.48 2.17 0.00	38.79 2.28 0.00	37.90 2.60 0.00	31.45 2.12 -0.93	34.23 2.17 0.00	43.57 1.90 -14.94	70.42 2.83 -31.79	41.87 2.42 -9.69	65.20 2.47 -28.61	65.84 3.45 -16.51	72.87 4.74 -7.58	54.20 2.81 -12.41	44.82 2.69 -5.21	47.83 2.97 -0.14	81.69 3.00 -29.18	59.74 3.34 0.00	53.26 2.70 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
GRISSOM___SOLAR 323813	44.51 2.08 0.00	38.22 1.73 0.00	38.90 1.72 0.00	39.40 1.75 0.00	42.07 1.88 0.00	42.27 2.00 0.00	36.01 1.82 0.00	37.26 1.95 0.00	38.32 1.81 0.00	36.65 1.36 0.00	29.36 0.96 0.00	33.34 1.29 0.00	40.56 1.09 -12.74	40.42 1.51 -3.12	43.89 1.49 -12.64	73.32 1.86 -37.34	70.16 2.73 -21.55	74.21 3.78 -9.90	57.55 2.38 -16.19	45.89 2.17 -6.80	47.42 2.53 -0.19	90.29 2.70 -38.08	59.45 3.05 0.00	53.21 2.65 0.00
GROVEVILLE___HYD 323602	44.53 2.11 0.00	38.22 1.73 0.00	38.93 1.75 0.00	39.43 1.78 0.00	42.05 1.86 0.00	42.15 1.87 0.00	36.00 1.81 0.00	37.43 2.11 0.00	38.78 2.27 0.00	37.63 2.34 0.00	30.34 1.94 0.00	34.24 2.19 0.00	38.40 1.88 -9.80	40.85 2.65 -2.40	41.65 2.18 -9.71	65.18 2.36 -28.70	65.81 3.37 -16.56	72.70 4.56 -7.61	54.38 2.95 -12.45	44.89 2.75 -5.23	47.94 3.09 -0.14	81.93 3.14 -29.27	59.78 3.38 0.00	53.47 2.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.02 -0.40 0.00	36.21 -0.28 0.00	36.91 -0.27 0.00	37.36 -0.29 0.00	39.90 -0.29 0.00	40.04 -0.23 0.00	33.93 -0.27 0.00	34.90 -0.42 0.00	36.14 -0.37 0.00	34.93 -0.37 0.00	28.11 -0.29 0.00	31.67 -0.38 0.00	27.31 -0.34 -0.93	35.56 -0.46 -0.23	30.28 -0.41 -0.92	36.37 -0.47 -2.71	46.82 -0.62 -1.57	60.36 -0.89 -0.72	39.63 -0.52 -1.18	36.94 -0.47 -0.49	44.17 -0.55 -0.01	51.82 -0.46 -2.77	55.91 -0.49 0.00	50.22 -0.34 0.00

HAMLTNNY_34_KV_TB 80303	41.95 -0.47 0.00	36.17 -0.32 0.00	36.87 -0.31 0.00	37.33 -0.32 0.00	39.86 -0.32 0.00	40.02 -0.25 0.00	33.92 -0.28 0.00	34.86 -0.45 0.00	36.13 -0.37 0.00	34.92 -0.37 0.00	28.08 -0.33 0.00	31.60 -0.45 0.00	27.31 -0.40 -0.98	35.53 -0.51 -0.24	30.28 -0.46 -0.98	36.48 -0.52 -2.88	46.86 -0.69 -1.66	60.34 -0.96 -0.76	39.65 -0.58 -1.25	36.94 -0.51 -0.52	44.13 -0.59 -0.02	51.94 -0.52 -2.94	55.86 -0.54 0.00	50.18 -0.38 0.00
HAMPSHIRE___PAPER_HYD 323593	42.59 0.16 0.00	35.98 -0.50 0.00	36.75 -0.42 0.00	37.10 -0.55 0.00	39.65 -0.54 0.00	39.84 -0.43 0.00	33.87 -0.32 0.00	35.14 -0.17 0.00	35.93 -0.58 0.00	34.01 -1.28 0.00	27.19 -1.21 0.00	31.29 -0.76 0.00	26.31 -0.70 -0.28	34.26 -1.62 -0.07	28.60 -1.45 -0.28	33.92 -1.04 -0.84	45.15 -1.22 -0.48	59.88 -0.88 -0.22	38.19 -1.16 -0.36	35.57 -1.51 -0.15	43.39 -1.32 0.00	48.70 -1.67 -0.85	55.04 -1.36 0.00	48.93 -1.63 0.00
HARDSCRABBLE_WT_PWR 323673	42.86 0.43 0.00	36.70 0.21 0.00	37.23 0.05 0.00	37.70 0.05 0.00	40.35 0.17 0.00	40.32 0.05 0.00	34.44 0.25 0.00	35.80 0.49 0.00	36.95 0.44 0.00	35.68 0.39 0.00	28.38 -0.02 0.00	32.16 0.10 0.00	26.93 0.21 0.00	36.34 0.54 0.00	30.42 0.65 0.00	35.04 0.92 0.00	46.89 1.01 0.00	61.93 1.40 0.00	39.87 0.90 0.00	37.64 0.72 0.00	45.53 0.83 0.00	50.22 0.70 0.00	56.85 0.45 0.00	50.92 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.24 1.81 0.00	37.97 1.49 0.00	38.64 1.47 0.00	39.15 1.50 0.00	41.76 1.58 0.00	41.85 1.57 0.00	35.74 1.55 0.00	37.15 1.84 0.00	38.51 2.00 0.00	37.37 2.08 0.00	30.13 1.73 0.00	33.98 1.93 0.00	37.62 1.66 -9.23	40.30 2.36 -2.14	40.85 1.93 -9.16	63.23 2.06 -27.05	64.45 2.96 -15.61	71.72 4.01 -7.17	53.32 2.61 -11.73	44.26 2.42 -4.93	47.51 2.67 -0.14	79.82 2.71 -27.59	59.33 2.93 0.00	53.10 2.54 0.00
HARSNRAD_115KV_TB1 81005	40.20 -2.23 0.00	35.10 -1.38 0.00	35.76 -1.42 0.00	36.28 -1.37 0.00	38.59 -1.60 0.00	38.96 -1.31 0.00	32.74 -1.45 0.00	33.07 -2.24 0.00	34.55 -1.97 0.00	33.36 -1.93 0.00	26.19 -2.22 0.00	29.30 -2.76 0.00	25.02 -2.73 -1.03	26.44 -3.41 5.95	21.32 -2.89 5.56	34.35 -3.63 -3.86	37.43 -4.87 3.59	30.38 -5.87 24.28	24.05 -4.03 10.89	26.72 -3.76 6.44	40.19 -4.54 -0.02	47.86 -5.16 -3.50	50.23 -4.43 1.74	47.40 -3.16 0.00
HARZA MOOSE___RIVER 24016	42.87 0.44 0.00	36.55 0.06 0.00	37.48 0.30 0.00	37.84 0.19 0.00	40.39 0.21 0.00	40.55 0.28 0.00	34.51 0.32 0.00	35.77 0.46 0.00	36.64 0.14 0.00	35.02 -0.27 0.00	28.12 -0.28 0.00	32.14 0.08 0.00	27.03 -0.01 -0.32	35.33 -0.54 -0.08	29.60 -0.47 -0.31	34.91 -0.14 -0.92	46.52 0.11 -0.53	61.18 0.39 -0.24	39.38 0.00 -0.40	36.84 -0.25 -0.17	44.71 0.00 0.00	50.19 -0.27 -0.94	56.29 -0.11 0.00	50.30 -0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.79 -0.64 0.00	36.01 -0.48 0.00	36.70 -0.48 0.00	37.16 -0.49 0.00	39.67 -0.52 0.00	39.81 -0.46 0.00	33.72 -0.47 0.00	34.68 -0.63 0.00	35.92 -0.59 0.00	34.74 -0.56 0.00	27.96 -0.45 0.00	31.50 -0.56 0.00	27.05 -0.51 -0.84	35.32 -0.69 -0.21	30.04 -0.57 -0.84	35.90 -0.69 -2.46	46.37 -0.93 -1.42	59.90 -1.29 -0.65	39.25 -0.79 -1.07	36.65 -0.71 -0.45	43.86 -0.86 -0.01	51.24 -0.79 -2.51	55.56 -0.84 0.00	49.91 -0.65 0.00
HELLGATE_13_KV_LD 55870	44.52 2.10 0.00	38.25 1.77 0.00	38.91 1.74 0.00	39.41 1.76 0.00	42.02 1.84 0.00	42.07 1.80 0.00	35.88 1.69 0.00	37.32 2.01 0.00	38.72 2.22 0.00	37.72 2.42 0.00	30.48 2.07 0.00	34.30 2.25 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.70 2.25 -9.68	65.06 2.33 -28.61	65.64 3.25 -16.51	72.48 4.36 -7.58	54.25 2.86 -12.41	44.80 2.67 -5.21	47.77 2.91 -0.14	81.65 2.97 -29.17	59.64 3.24 0.00	53.34 2.77 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.52 2.10 0.00	38.25 1.77 0.00	38.91 1.74 0.00	39.41 1.76 0.00	42.02 1.84 0.00	42.07 1.80 0.00	35.88 1.69 0.00	37.32 2.01 0.00	38.72 2.22 0.00	37.72 2.42 0.00	30.48 2.07 0.00	34.30 2.25 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.70 2.25 -9.68	65.06 2.33 -28.61	65.64 3.25 -16.51	72.48 4.36 -7.58	54.25 2.86 -12.41	44.80 2.67 -5.21	47.77 2.91 -0.14	81.65 2.97 -29.17	59.64 3.24 0.00	53.34 2.77 0.00
HEMPSTEAD____ 23647	44.58 2.16 0.00	38.29 1.81 0.00	38.85 1.67 0.00	39.37 1.72 0.00	41.93 1.74 0.00	42.04 1.77 0.00	35.95 1.76 0.00	37.47 2.16 0.00	38.83 2.32 0.00	37.85 2.55 0.00	31.85 2.10 -1.35	34.25 2.19 0.00	45.97 1.92 -17.32	83.84 2.78 -45.26	41.81 2.36 -9.69	65.15 2.42 -28.61	65.76 3.36 -16.51	72.72 4.59 -7.58	54.21 2.83 -12.41	44.81 2.68 -5.21	47.79 2.95 -0.14	81.69 2.99 -29.18	59.76 3.37 0.00	53.30 2.74 0.00
HEWLETT_69_KV_BK3 55828	44.92 2.50 0.00	38.56 2.08 0.00	39.13 1.95 0.00	39.65 2.00 0.00	42.22 2.04 0.00	42.34 2.07 0.00	36.19 2.00 0.00	37.72 2.41 0.00	39.09 2.58 0.00	38.08 2.78 0.00	32.15 2.28 -1.47	34.49 2.43 0.00	46.80 2.12 -17.96	87.67 3.00 -48.87	42.06 2.61 -9.69	65.45 2.71 -28.61	66.19 3.79 -16.51	73.24 5.12 -7.58	54.54 3.15 -12.41	45.14 3.01 -5.21	48.20 3.35 -0.14	82.12 3.43 -29.18	60.24 3.84 0.00	53.72 3.15 0.00
HICKLING___1 23621	41.63 -0.80 0.00	35.95 -0.54 0.00	36.72 -0.46 0.00	37.08 -0.57 0.00	39.64 -0.55 0.00	40.03 -0.24 0.00	33.85 -0.34 0.00	34.71 -0.60 0.00	36.31 -0.20 0.00	35.03 -0.26 0.00	27.99 -0.42 0.00	31.28 -0.78 0.00	28.34 -0.85 -2.46	39.03 -0.90 -4.13	15.52 -1.07 13.18	39.81 -1.08 -6.76	49.97 -1.38 -5.47	0.28 -2.26 58.00	38.31 -1.22 -0.55	33.44 -1.19 2.29	43.24 -1.50 -0.03	53.44 -1.58 -5.51	49.14 -1.70 5.56	49.50 -1.06 0.00
HICKLING___2 23622	41.63 -0.80 0.00	35.95 -0.54 0.00	36.72 -0.46 0.00	37.08 -0.57 0.00	39.64 -0.55 0.00	40.03 -0.24 0.00	33.85 -0.34 0.00	34.71 -0.60 0.00	36.31 -0.20 0.00	35.03 -0.26 0.00	27.99 -0.42 0.00	31.28 -0.78 0.00	28.34 -0.85 -2.46	39.03 -0.90 -4.13	15.52 -1.07 13.18	39.81 -1.08 -6.76	49.97 -1.38 -5.47	0.28 -2.26 58.00	38.31 -1.22 -0.55	33.44 -1.19 2.29	43.24 -1.50 -0.03	53.44 -1.58 -5.51	49.14 -1.70 5.56	49.50 -1.06 0.00
HIGH FALLS___HY 23754	44.35 1.93 0.00	38.05 1.56 0.00	38.73 1.55 0.00	39.24 1.59 0.00	41.85 1.66 0.00	41.99 1.71 0.00	35.93 1.74 0.00	37.36 2.05 0.00	38.79 2.28 0.00	37.63 2.34 0.00	30.33 1.93 0.00	34.30 2.24 0.00	38.20 1.84 -9.64	40.77 2.62 -2.36	41.46 2.15 -9.56	64.65 2.30 -28.23	65.48 3.30 -16.29	72.55 4.53 -7.48	54.18 2.95 -12.24	44.82 2.76 -5.14	47.89 3.04 -0.14	81.41 3.11 -28.79	59.78 3.38 0.00	53.47 2.91 0.00
HIGH_RIVER___SOLAR 323847	43.90 1.48 0.00	37.74 1.25 0.00	38.45 1.27 0.00	38.94 1.29 0.00	41.56 1.38 0.00	41.71 1.43 0.00	35.51 1.32 0.00	36.74 1.42 0.00	37.87 1.36 0.00	36.41 1.11 0.00	29.13 0.73 0.00	32.95 0.90 0.00	39.94 0.88 -12.34	40.05 1.24 -3.02	43.15 1.15 -12.24	71.69 1.41 -36.15	68.77 2.02 -20.86	72.86 2.74 -9.58	56.40 1.74 -15.68	45.11 1.60 -6.58	46.78 1.89 -0.18	88.34 1.96 -36.87	58.58 2.18 0.00	52.47 1.90 0.00

HILLBURN___GT 23639	44.10 1.68 0.00	37.83 1.35 0.00	38.50 1.32 0.00	39.03 1.38 0.00	41.62 1.43 0.00	41.70 1.42 0.00	35.60 1.41 0.00	37.02 1.71 0.00	38.38 1.87 0.00	37.31 2.01 0.00	30.09 1.69 0.00	33.86 1.81 0.00	37.67 1.57 -9.37	40.21 2.25 -2.16	40.89 1.83 -9.29	63.48 1.90 -27.45	64.48 2.76 -15.84	71.60 3.78 -7.28	53.35 2.47 -11.90	44.20 2.28 -5.00	47.31 2.46 -0.14	80.01 2.50 -27.99	59.10 2.70 0.00	52.91 2.34 0.00
HILLSIDE_115KV_TB1 80332	41.23 -1.20 0.00	35.58 -0.90 0.00	36.35 -0.83 0.00	36.63 -1.02 0.00	39.15 -1.03 0.00	39.53 -0.75 0.00	33.45 -0.74 0.00	34.33 -0.98 0.00	35.89 -0.61 0.00	34.60 -0.69 0.00	27.72 -0.69 0.00	31.06 -0.99 0.00	28.30 -0.95 -2.53	38.46 -0.93 -3.59	16.03 -1.19 12.55	39.87 -1.26 -7.01	49.63 -1.59 -5.34	2.31 -2.66 55.56	37.98 -1.39 -0.39	33.32 -1.33 2.27	43.06 -1.69 -0.04	53.57 -1.76 -5.82	48.97 -2.07 5.37	49.17 -1.40 0.00
HISHELDN_WT_PWR 323625	40.53 -1.85 0.05	35.33 -1.16 0.00	36.04 -1.14 0.00	36.61 -1.04 0.00	38.99 -1.19 0.00	39.34 -0.94 0.00	33.07 -1.11 0.02	33.51 -1.66 0.14	35.21 -1.29 0.00	33.92 -1.35 0.02	26.74 -1.67 0.00	29.79 -2.26 0.00	25.02 -2.34 -0.63	12.72 -2.99 20.08	15.56 -2.64 11.56	35.19 -3.02 -4.09	25.24 -4.13 16.51	9.21 -5.34 45.99	0.86 -3.50 34.62	14.69 -3.27 18.95	40.79 -3.94 -0.02	49.06 -4.35 -3.89	49.80 -3.85 2.76	47.78 -2.78 0.00
HOLTSVILLE_IC_1 23690	45.00 2.58 0.00	38.66 2.18 0.00	39.15 1.97 0.00	39.67 2.02 0.00	42.21 2.02 0.00	42.36 2.08 0.00	36.28 2.09 0.00	37.88 2.57 0.00	39.21 2.70 0.00	38.33 3.04 0.00	31.78 2.47 -0.90	34.55 2.50 0.00	43.70 2.16 -14.82	70.14 3.26 -31.08	42.25 2.80 -9.69	65.58 2.84 -28.61	66.35 3.95 -16.51	73.53 5.41 -7.58	54.56 3.17 -12.41	45.20 3.07 -5.21	48.26 3.41 -0.14	82.13 3.43 -29.18	60.30 3.91 0.00	53.61 3.05 0.00
HOLTSVILLE_IC_10 23699	45.18 2.76 0.00	38.82 2.33 0.00	39.30 2.12 0.00	39.82 2.17 0.00	42.37 2.18 0.00	42.54 2.27 0.00	36.44 2.25 0.00	38.06 2.74 0.00	39.38 2.88 0.00	38.52 3.23 0.00	31.93 2.61 -0.91	34.68 2.62 0.00	43.85 2.27 -14.85	70.55 3.46 -31.29	42.40 2.95 -9.69	65.76 3.03 -28.61	66.61 4.22 -16.51	73.88 5.76 -7.58	54.76 3.37 -12.41	45.42 3.29 -5.21	48.51 3.66 -0.14	82.38 3.69 -29.18	60.58 4.18 0.00	53.82 3.25 0.00
HOLTSVILLE_IC_2 23691	45.00 2.58 0.00	38.66 2.18 0.00	39.15 1.97 0.00	39.67 2.02 0.00	42.21 2.02 0.00	42.36 2.08 0.00	36.28 2.09 0.00	37.88 2.57 0.00	39.21 2.70 0.00	38.33 3.04 0.00	31.78 2.47 -0.90	34.55 2.50 0.00	43.70 2.16 -14.82	70.14 3.26 -31.08	42.25 2.80 -9.69	65.58 2.84 -28.61	66.35 3.95 -16.51	73.53 5.41 -7.58	54.56 3.17 -12.41	45.20 3.07 -5.21	48.26 3.41 -0.14	82.13 3.43 -29.18	60.30 3.91 0.00	53.61 3.05 0.00
HOLTSVILLE_IC_3 23692	45.00 2.58 0.00	38.66 2.18 0.00	39.15 1.97 0.00	39.67 2.02 0.00	42.21 2.02 0.00	42.36 2.08 0.00	36.28 2.09 0.00	37.88 2.57 0.00	39.21 2.70 0.00	38.33 3.04 0.00	31.78 2.47 -0.90	34.55 2.50 0.00	43.70 2.16 -14.82	70.14 3.26 -31.08	42.25 2.80 -9.69	65.58 2.84 -28.61	66.35 3.95 -16.51	73.53 5.41 -7.58	54.56 3.17 -12.41	45.20 3.07 -5.21	48.26 3.41 -0.14	82.13 3.43 -29.18	60.30 3.91 0.00	53.61 3.05 0.00
HOLTSVILLE_IC_4 23693	45.00 2.58 0.00	38.66 2.18 0.00	39.15 1.97 0.00	39.67 2.02 0.00	42.21 2.02 0.00	42.36 2.08 0.00	36.28 2.09 0.00	37.88 2.57 0.00	39.21 2.70 0.00	38.33 3.04 0.00	31.78 2.47 -0.90	34.55 2.50 0.00	43.70 2.16 -14.82	70.14 3.26 -31.08	42.25 2.80 -9.69	65.58 2.84 -28.61	66.35 3.95 -16.51	73.53 5.41 -7.58	54.56 3.17 -12.41	45.20 3.07 -5.21	48.26 3.41 -0.14	82.13 3.43 -29.18	60.30 3.91 0.00	53.61 3.05 0.00
HOLTSVILLE_IC_5 23694	45.00 2.58 0.00	38.66 2.18 0.00	39.15 1.97 0.00	39.67 2.02 0.00	42.21 2.02 0.00	42.36 2.08 0.00	36.28 2.09 0.00	37.88 2.57 0.00	39.21 2.70 0.00	38.33 3.04 0.00	31.78 2.47 -0.90	34.55 2.50 0.00	43.70 2.16 -14.82	70.14 3.26 -31.08	42.25 2.80 -9.69	65.58 2.84 -28.61	66.35 3.95 -16.51	73.53 5.41 -7.58	54.56 3.17 -12.41	45.20 3.07 -5.21	48.26 3.41 -0.14	82.13 3.43 -29.18	60.30 3.91 0.00	53.61 3.05 0.00
HOLTSVILLE_IC_6 23695	45.18 2.76 0.00	38.82 2.33 0.00	39.30 2.12 0.00	39.82 2.17 0.00	42.37 2.18 0.00	42.54 2.27 0.00	36.44 2.25 0.00	38.06 2.74 0.00	39.38 2.88 0.00	38.52 3.23 0.00	31.93 2.61 -0.91	34.68 2.62 0.00	43.85 2.27 -14.85	70.55 3.46 -31.29	42.40 2.95 -9.69	65.76 3.03 -28.61	66.61 4.22 -16.51	73.88 5.76 -7.58	54.76 3.37 -12.41	45.42 3.29 -5.21	48.51 3.66 -0.14	82.38 3.69 -29.18	60.58 4.18 0.00	53.82 3.25 0.00
HOLTSVILLE_IC_7 23696	45.18 2.76 0.00	38.82 2.33 0.00	39.30 2.12 0.00	39.82 2.17 0.00	42.37 2.18 0.00	42.54 2.27 0.00	36.44 2.25 0.00	38.06 2.74 0.00	39.38 2.88 0.00	38.52 3.23 0.00	31.93 2.61 -0.91	34.68 2.62 0.00	43.85 2.27 -14.85	70.55 3.46 -31.29	42.40 2.95 -9.69	65.76 3.03 -28.61	66.61 4.22 -16.51	73.88 5.76 -7.58	54.76 3.37 -12.41	45.42 3.29 -5.21	48.51 3.66 -0.14	82.38 3.69 -29.18	60.58 4.18 0.00	53.82 3.25 0.00
HOLTSVILLE_IC_8 23697	45.18 2.76 0.00	38.82 2.33 0.00	39.30 2.12 0.00	39.82 2.17 0.00	42.37 2.18 0.00	42.54 2.27 0.00	36.44 2.25 0.00	38.06 2.74 0.00	39.38 2.88 0.00	38.52 3.23 0.00	31.93 2.61 -0.91	34.68 2.62 0.00	43.85 2.27 -14.85	70.55 3.46 -31.29	42.40 2.95 -9.69	65.76 3.03 -28.61	66.61 4.22 -16.51	73.88 5.76 -7.58	54.76 3.37 -12.41	45.42 3.29 -5.21	48.51 3.66 -0.14	82.38 3.69 -29.18	60.58 4.18 0.00	53.82 3.25 0.00
HOLTSVILLE_IC_9 23698	45.18 2.76 0.00	38.82 2.33 0.00	39.30 2.12 0.00	39.82 2.17 0.00	42.37 2.18 0.00	42.54 2.27 0.00	36.44 2.25 0.00	38.06 2.74 0.00	39.38 2.88 0.00	38.52 3.23 0.00	31.93 2.61 -0.91	34.68 2.62 0.00	43.85 2.27 -14.85	70.55 3.46 -31.29	42.40 2.95 -9.69	65.76 3.03 -28.61	66.61 4.22 -16.51	73.88 5.76 -7.58	54.76 3.37 -12.41	45.42 3.29 -5.21	48.51 3.66 -0.14	82.38 3.69 -29.18	60.58 4.18 0.00	53.82 3.25 0.00
HOMER_HL_115KV_TB2 355744	41.86 -0.57 0.00	36.23 -0.25 0.00	37.03 -0.15 0.00	37.63 -0.02 0.00	40.05 -0.13 0.00	40.07 -0.21 0.00	33.83 -0.36 0.00	34.39 -0.92 0.00	35.99 -0.51 0.00	35.00 -0.30 0.00	27.87 -0.53 0.00	31.37 -0.68 0.00	27.28 -0.95 -1.51	33.07 -0.79 1.94	22.36 -0.88 6.52	37.47 -1.38 -4.73	44.08 -1.92 -0.12	28.87 -2.19 29.48	32.05 -1.65 5.27	31.39 -1.60 3.93	42.54 -2.19 -0.02	51.42 -2.30 -4.20	52.75 -1.11 2.54	50.24 -0.33 0.00
HOWARD_WT_PWR 323690	41.48 -0.95 0.00	35.85 -0.63 0.00	36.64 -0.54 0.00	37.22 -0.43 0.00	39.87 -0.31 0.00	40.41 0.14 0.00	34.05 -0.14 0.00	34.73 -0.58 0.00	36.40 -0.11 0.00	35.22 -0.07 0.00	27.81 -0.59 0.00	30.61 -1.44 0.00	27.93 -1.71 -2.91	56.26 -2.22 -22.68	20.52 -1.85 7.39	37.74 -1.90 -5.52	64.19 -2.77 -21.08	19.24 -3.79 37.51	67.30 -2.62 -30.94	47.70 -2.68 -13.45	41.41 -3.32 -0.03	50.36 -3.50 -4.34	47.83 -3.37 5.20	47.79 -2.77 0.00

HQ_GEN_CEDARS 23644	43.00 0.58 0.00	36.17 -0.31 0.00	36.63 -0.55 0.00	37.05 -0.60 0.00	39.68 -0.50 0.00	39.97 -0.30 0.00	33.91 -0.28 0.00	35.07 -0.24 0.00	36.03 -0.48 0.00	33.97 -1.32 0.00	27.07 -1.33 0.00	31.16 -0.90 0.00	26.12 -0.76 -0.16	34.25 -1.59 -0.04	28.48 -1.44 -0.16	33.63 -0.96 -0.46	44.86 -1.29 -0.27	59.83 -0.83 -0.12	37.83 -1.35 -0.20	35.30 -1.70 -0.08	43.19 -1.52 0.00	48.32 -1.67 -0.47	55.32 -1.08 0.00	49.00 -1.57 0.00
HQ_GEN_CEDARS_PROXY 323590	43.00 0.57 0.00	36.17 -0.31 0.00	36.63 -0.55 0.00	37.04 -0.60 0.00	39.68 -0.50 0.00	39.98 -0.30 0.00	33.91 -0.28 0.00	35.08 -0.23 0.00	36.03 -0.48 0.00	33.97 -1.32 0.00	27.07 -1.33 0.00	31.18 -0.87 0.00	26.12 -0.76 -0.16	34.24 -1.59 -0.04	28.49 -1.43 -0.16	33.63 -0.96 -0.46	44.84 -1.31 -0.27	59.88 -0.78 -0.12	37.83 -1.35 -0.20	35.30 -1.70 -0.08	43.19 -1.52 0.00	48.32 -1.67 -0.47	55.32 -1.08 0.00	49.00 -1.57 0.00
HQ_GEN_IMPORT 323601	42.42 0.00 0.00	36.49 0.00 0.00	37.18 0.00 0.00	37.65 0.00 0.00	40.19 0.00 0.00	40.27 0.00 0.00	34.19 0.00 0.00	35.31 0.00 0.00	36.51 0.00 0.00	35.29 0.00 0.00	28.40 0.00 0.00	32.05 0.00 0.00	26.72 0.00 0.00	35.80 0.00 0.00	29.87 0.00 -0.11	34.12 0.00 0.00	45.88 0.00 0.00	60.83 0.00 -0.29	38.98 0.00 0.00	36.92 0.00 0.00	44.71 0.00 0.00	49.52 0.00 0.00	56.40 0.00 0.00	46.75 0.00 3.81
HQ_GEN_WHEEL 23651	42.42 0.00 0.00	36.49 0.00 0.00	37.18 0.00 0.00	37.65 0.00 0.00	40.19 0.00 0.00	40.27 0.00 0.00	34.19 0.00 0.00	35.31 0.00 0.00	36.51 0.00 0.00	35.29 0.00 0.00	28.40 0.00 0.00	32.05 0.00 0.00	26.72 0.00 0.00	35.80 0.00 0.00	29.87 0.00 -0.11	34.12 0.00 0.00	45.88 0.00 0.00	60.83 0.00 -0.29	38.98 0.00 0.00	36.92 0.00 0.00	44.71 0.00 0.00	49.52 0.00 0.00	56.40 0.00 0.00	46.75 0.00 3.81
HUDSON AVE_GT_3 23810	44.55 2.13 0.00	38.23 1.74 0.00	38.89 1.71 0.00	39.37 1.73 0.00	41.97 1.78 0.00	42.04 1.77 0.00	35.85 1.67 0.00	37.31 2.00 0.00	38.71 2.20 0.00	37.69 2.40 0.00	30.45 2.05 0.00	34.30 2.25 0.00	38.43 1.94 -9.76	41.05 2.78 -2.47	41.70 2.25 -9.68	65.05 2.32 -28.60	65.66 3.27 -16.51	72.51 4.39 -7.58	54.25 2.87 -12.41	44.81 2.68 -5.21	47.79 2.93 -0.14	81.70 3.01 -29.17	59.68 3.28 0.00	53.36 2.80 0.00
HUDSON AVE_GT_4 23540	44.55 2.13 0.00	38.23 1.74 0.00	38.89 1.71 0.00	39.37 1.73 0.00	41.97 1.78 0.00	42.04 1.77 0.00	35.85 1.67 0.00	37.31 2.00 0.00	38.71 2.20 0.00	37.69 2.40 0.00	30.45 2.05 0.00	34.30 2.25 0.00	38.43 1.94 -9.76	41.05 2.78 -2.47	41.70 2.25 -9.68	65.05 2.32 -28.60	65.66 3.27 -16.51	72.51 4.39 -7.58	54.25 2.87 -12.41	44.81 2.68 -5.21	47.79 2.93 -0.14	81.70 3.01 -29.17	59.68 3.28 0.00	53.36 2.80 0.00
HUDSON AVE_GT_5 23657	44.55 2.13 0.00	38.23 1.74 0.00	38.89 1.71 0.00	39.37 1.73 0.00	41.97 1.78 0.00	42.04 1.77 0.00	35.85 1.67 0.00	37.31 2.00 0.00	38.71 2.20 0.00	37.69 2.40 0.00	30.45 2.05 0.00	34.30 2.25 0.00	38.43 1.94 -9.76	41.05 2.78 -2.47	41.70 2.25 -9.68	65.05 2.32 -28.60	65.66 3.27 -16.51	72.51 4.39 -7.58	54.25 2.87 -12.41	44.81 2.68 -5.21	47.79 2.93 -0.14	81.70 3.01 -29.17	59.68 3.28 0.00	53.36 2.80 0.00
HUDSON_AVE_10 24168	44.38 1.95 0.00	38.06 1.57 0.00	38.72 1.54 0.00	39.22 1.57 0.00	41.83 1.64 0.00	41.86 1.58 0.00	35.69 1.50 0.00	37.14 1.83 0.00	38.56 2.05 0.00	37.55 2.25 0.00	30.33 1.93 0.00	34.16 2.10 0.00	38.31 1.82 -9.76	40.89 2.63 -2.47	41.57 2.12 -9.68	64.91 2.18 -28.60	65.44 3.04 -16.51	72.22 4.10 -7.58	54.07 2.68 -12.41	44.64 2.51 -5.21	47.58 2.73 -0.14	81.49 2.80 -29.17	59.40 3.00 0.00	53.13 2.57 0.00
HUDSON___115KV_TB 4 355613	44.55 2.12 0.00	38.34 1.86 0.00	39.07 1.89 0.00	39.59 1.95 0.00	42.27 2.08 0.00	42.30 2.03 0.00	35.88 1.69 0.00	37.22 1.91 0.00	38.33 1.82 0.00	36.86 1.57 0.00	29.66 1.26 0.00	33.43 1.38 0.00	39.44 1.39 -11.33	40.63 2.06 -2.77	42.66 1.66 -11.23	69.28 1.97 -33.19	67.79 2.75 -19.15	73.06 3.73 -8.80	55.73 2.35 -14.39	45.15 2.18 -6.04	47.53 2.66 -0.17	86.00 2.64 -33.85	59.22 2.83 0.00	52.99 2.43 0.00
HUNTER MOUNT___DRP 323613	44.89 2.46 0.00	38.65 2.16 0.00	39.39 2.21 0.00	39.91 2.26 0.00	42.63 2.44 0.00	42.69 2.42 0.00	36.19 2.00 0.00	37.55 2.23 0.00	38.64 2.13 0.00	37.06 1.77 0.00	29.83 1.43 0.00	33.65 1.60 0.00	39.34 1.56 -11.05	40.81 2.31 -2.70	42.59 1.86 -10.96	68.76 2.26 -32.38	67.73 3.16 -18.69	73.40 4.28 -8.59	55.70 2.67 -14.05	45.28 2.47 -5.90	47.93 3.06 -0.16	85.60 3.07 -33.02	59.71 3.31 0.00	53.40 2.83 0.00
HUNTINGTON_RES_REC 323705	44.82 2.40 0.00	38.51 2.03 0.00	39.00 1.82 0.00	39.52 1.87 0.00	42.04 1.85 0.00	42.18 1.91 0.00	36.12 1.93 0.00	37.71 2.39 0.00	39.03 2.52 0.00	38.14 2.85 0.00	31.62 2.30 -0.92	34.38 2.33 0.00	43.62 2.03 -14.87	70.32 3.11 -31.41	42.09 2.64 -9.69	65.45 2.72 -28.61	66.19 3.80 -16.51	73.35 5.23 -7.58	54.48 3.09 -12.41	45.11 2.98 -5.21	48.15 3.30 -0.14	82.02 3.33 -29.18	60.14 3.74 0.00	53.50 2.94 0.00
HUNTLEY___63 23557	40.45 -1.97 0.00	35.32 -1.16 0.00	35.99 -1.19 0.00	36.50 -1.15 0.00	38.81 -1.37 0.00	39.21 -1.07 0.00	32.95 -1.24 0.00	33.34 -1.97 0.00	34.85 -1.66 0.00	33.65 -1.64 0.00	26.45 -1.95 0.00	29.59 -2.46 0.00	25.27 -2.50 -1.05	26.19 -3.19 6.42	21.16 -2.66 5.95	34.78 -3.33 -3.99	37.42 -4.51 3.95	29.21 -5.48 25.85	23.42 -3.80 11.77	26.48 -3.50 6.94	40.58 -4.14 -0.02	48.39 -4.73 -3.61	50.59 -3.97 1.85	47.88 -2.68 0.00
HUNTLEY___64 23558	40.45 -1.97 0.00	35.32 -1.16 0.00	35.99 -1.19 0.00	36.50 -1.15 0.00	38.81 -1.37 0.00	39.21 -1.07 0.00	32.95 -1.24 0.00	33.34 -1.97 0.00	34.85 -1.66 0.00	33.65 -1.64 0.00	26.45 -1.95 0.00	29.59 -2.46 0.00	25.27 -2.50 -1.05	26.19 -3.19 6.42	21.16 -2.66 5.95	34.78 -3.33 -3.99	37.42 -4.51 3.95	29.21 -5.48 25.85	23.42 -3.80 11.77	26.48 -3.50 6.94	40.58 -4.14 -0.02	48.39 -4.73 -3.61	50.59 -3.97 1.85	47.88 -2.68 0.00
HUNTLEY___65 23559	40.45 -1.97 0.00	35.32 -1.16 0.00	35.99 -1.19 0.00	36.50 -1.15 0.00	38.81 -1.37 0.00	39.21 -1.07 0.00	32.95 -1.24 0.00	33.34 -1.97 0.00	34.85 -1.66 0.00	33.65 -1.64 0.00	26.45 -1.95 0.00	29.59 -2.46 0.00	25.27 -2.50 -1.05	26.19 -3.19 6.42	21.16 -2.66 5.95	34.78 -3.33 -3.99	37.42 -4.51 3.95	29.21 -5.48 25.85	23.42 -3.80 11.77	26.48 -3.50 6.94	40.58 -4.14 -0.02	48.39 -4.73 -3.61	50.59 -3.97 1.85	47.88 -2.68 0.00
HUNTLEY___66 23560	40.45 -1.97 0.00	35.32 -1.16 0.00	35.99 -1.19 0.00	36.50 -1.15 0.00	38.81 -1.37 0.00	39.21 -1.07 0.00	32.95 -1.24 0.00	33.34 -1.97 0.00	34.85 -1.66 0.00	33.65 -1.64 0.00	26.45 -1.95 0.00	29.59 -2.46 0.00	25.27 -2.50 -1.05	26.19 -3.19 6.42	21.16 -2.66 5.95	34.78 -3.33 -3.99	37.42 -4.51 3.95	29.21 -5.48 25.85	23.42 -3.80 11.77	26.48 -3.50 6.94	40.58 -4.14 -0.02	48.39 -4.73 -3.61	50.59 -3.97 1.85	47.88 -2.68 0.00

HUNTLEY___67 23561	40.26 -2.16 0.00	35.18 -1.31 0.00	35.84 -1.34 0.00	36.35 -1.30 0.00	38.65 -1.53 0.00	39.01 -1.27 0.00	32.81 -1.38 0.00	33.22 -2.09 0.00	34.70 -1.81 0.00	33.51 -1.78 0.00	26.39 -2.01 0.00	29.55 -2.50 0.00	25.22 -2.53 -1.03	25.06 -3.26 7.49	20.57 -2.77 6.43	34.81 -3.38 -4.07	36.38 -4.65 4.85	27.14 -5.76 27.64	21.46 -3.96 13.56	25.39 -3.64 7.90	40.43 -4.29 -0.02	48.34 -4.85 -3.67	50.30 -4.17 1.92	47.60 -2.96 0.00
HUNTLEY___68 23562	40.26 -2.16 0.00	35.18 -1.31 0.00	35.84 -1.34 0.00	36.35 -1.30 0.00	38.65 -1.53 0.00	39.01 -1.27 0.00	32.81 -1.38 0.00	33.22 -2.09 0.00	34.70 -1.81 0.00	33.51 -1.78 0.00	26.39 -2.01 0.00	29.55 -2.50 0.00	25.22 -2.53 -1.03	25.06 -3.26 7.49	20.57 -2.77 6.43	34.81 -3.38 -4.07	36.38 -4.65 4.85	27.14 -5.76 27.64	21.46 -3.96 13.56	25.39 -3.64 7.90	40.43 -4.29 -0.02	48.34 -4.85 -3.67	50.30 -4.17 1.92	47.60 -2.96 0.00
HYLAND___LFGE 323620	42.84 0.43 0.01	37.09 0.61 0.00	37.79 0.61 0.00	38.34 0.69 0.00	40.96 0.77 0.00	41.36 1.08 0.00	35.00 0.81 0.00	35.76 0.49 0.04	37.41 0.90 0.00	36.13 0.84 0.00	28.47 0.07 0.00	31.71 -0.34 0.00	28.55 -0.87 -2.70	59.94 -1.05 -25.19	28.58 -0.84 0.35	38.02 -0.51 -4.40	68.36 -0.55 -23.03	49.98 -0.57 9.98	76.44 -0.41 -37.87	54.47 -0.41 -17.96	44.23 -0.50 -0.02	52.79 -0.58 -3.86	53.35 -0.08 2.98	50.83 0.27 0.00
INDECK___CORINTH 23802	44.83 2.41 0.00	38.64 2.15 0.00	39.42 2.24 0.00	39.91 2.26 0.00	42.67 2.48 0.00	42.90 2.63 0.00	36.61 2.42 0.00	37.96 2.65 0.00	39.18 2.67 0.00	37.69 2.40 0.00	30.18 1.78 0.00	34.17 2.12 0.00	40.52 1.83 -11.96	41.16 2.44 -2.92	43.73 2.10 -11.86	71.70 2.53 -35.04	69.78 3.67 -20.22	74.59 4.77 -9.29	57.25 3.08 -15.20	46.21 2.91 -6.38	48.23 3.35 -0.18	88.71 3.46 -35.73	60.29 3.88 0.00	53.90 3.33 0.00
INDECK___ILION 23567	42.81 0.38 0.00	36.74 0.25 0.00	37.37 0.19 0.00	37.83 0.18 0.00	40.43 0.25 0.00	40.47 0.20 0.00	34.44 0.25 0.00	35.70 0.38 0.00	36.86 0.35 0.00	35.61 0.32 0.00	28.53 0.13 0.00	32.27 0.21 0.00	26.94 0.22 0.00	36.20 0.40 0.00	30.20 0.44 0.00	34.70 0.58 0.00	46.61 0.72 0.00	61.50 0.97 0.00	39.60 0.62 0.00	37.45 0.53 0.00	45.31 0.60 0.00	50.07 0.56 0.00	56.89 0.49 0.00	50.95 0.39 0.00
INDECK___OLEAN 23982	41.73 -0.57 0.13	36.24 -0.25 0.00	37.03 -0.14 0.00	37.63 -0.02 0.00	40.05 -0.13 0.00	40.07 -0.20 0.00	33.80 -0.36 0.04	34.04 -0.92 0.35	35.99 -0.52 0.00	34.97 -0.29 0.04	27.87 -0.53 0.00	31.36 -0.70 0.00	27.29 -0.94 -1.51	33.09 -0.77 1.94	22.34 -0.91 6.52	36.15 -1.36 -3.39	41.73 -1.87 2.28	28.81 -2.25 29.48	32.10 -1.61 5.27	31.41 -1.57 3.93	42.54 -2.19 -0.02	50.96 -2.29 -3.73	52.21 -1.13 3.06	50.17 -0.39 0.00
INDECK___OSWEGO 23783	41.31 -1.11 0.00	35.58 -0.90 0.00	36.28 -0.91 0.00	36.71 -0.94 0.00	39.18 -1.00 0.00	39.30 -0.98 0.00	33.27 -0.92 0.00	34.23 -1.08 0.00	35.38 -1.13 0.00	34.22 -1.08 0.00	27.56 -0.84 0.00	31.08 -0.97 0.00	26.60 -0.83 -0.70	34.78 -1.19 -0.17	29.48 -0.98 -0.70	35.06 -1.13 -2.06	45.51 -1.57 -1.19	58.97 -2.11 -0.55	38.57 -1.31 -0.90	36.09 -1.21 -0.38	43.29 -1.43 -0.01	50.24 -1.39 -2.11	54.88 -1.53 0.00	49.25 -1.31 0.00
INDECK___YERKES 23781	40.38 -1.96 0.08	35.34 -1.15 0.00	36.00 -1.17 0.00	36.51 -1.14 0.00	38.83 -1.35 0.00	39.23 -1.05 0.00	32.95 -1.22 0.02	33.14 -1.94 0.23	34.87 -1.64 0.00	33.66 -1.61 0.03	26.47 -1.94 0.00	29.60 -2.45 0.00	25.31 -2.47 -1.05	26.24 -3.13 6.42	21.17 -2.65 5.95	33.96 -3.27 -3.11	35.90 -4.45 5.53	29.23 -5.46 25.85	23.49 -3.72 11.77	26.53 -3.45 6.94	40.60 -4.13 -0.02	48.12 -4.70 -3.30	50.26 -3.94 2.19	47.84 -2.72 0.00
INDIAN POINT_GT_1 24139	44.12 1.69 0.00	37.86 1.38 0.00	38.53 1.36 0.00	39.04 1.39 0.00	41.62 1.44 0.00	41.70 1.43 0.00	35.60 1.41 0.00	37.03 1.71 0.00	38.37 1.87 0.00	37.31 2.01 0.00	30.09 1.69 0.00	33.89 1.84 0.00	38.00 1.60 -9.68	40.55 2.28 -2.46	41.22 1.86 -9.60	64.45 1.96 -28.37	65.04 2.78 -16.37	71.85 3.79 -7.52	53.75 2.47 -12.30	44.37 2.29 -5.17	47.36 2.51 -0.14	80.97 2.52 -28.93	59.13 2.73 0.00	52.91 2.34 0.00
INDIAN POINT_GT_2 23659	44.12 1.69 0.00	37.86 1.38 0.00	38.53 1.36 0.00	39.04 1.39 0.00	41.62 1.44 0.00	41.70 1.43 0.00	35.60 1.41 0.00	37.03 1.71 0.00	38.37 1.87 0.00	37.31 2.01 0.00	30.09 1.69 0.00	33.89 1.84 0.00	38.00 1.60 -9.68	40.55 2.28 -2.46	41.22 1.86 -9.60	64.45 1.96 -28.37	65.04 2.78 -16.37	71.85 3.79 -7.52	53.75 2.47 -12.30	44.37 2.29 -5.17	47.36 2.51 -0.14	80.97 2.52 -28.93	59.13 2.73 0.00	52.91 2.34 0.00
INDIAN POINT_GT_3 24019	44.12 1.69 0.00	37.86 1.38 0.00	38.53 1.36 0.00	39.04 1.39 0.00	41.62 1.44 0.00	41.70 1.43 0.00	35.60 1.41 0.00	37.03 1.71 0.00	38.37 1.87 0.00	37.31 2.01 0.00	30.09 1.69 0.00	33.89 1.84 0.00	38.00 1.60 -9.68	40.55 2.28 -2.46	41.22 1.86 -9.60	64.45 1.96 -28.37	65.04 2.78 -16.37	71.85 3.79 -7.52	53.75 2.47 -12.30	44.37 2.29 -5.17	47.36 2.51 -0.14	80.97 2.52 -28.93	59.13 2.73 0.00	52.91 2.34 0.00
INDIAN POINT___2 23530	44.09 1.66 0.00	37.83 1.34 0.00	38.50 1.32 0.00	39.01 1.36 0.00	41.60 1.41 0.00	41.66 1.39 0.00	35.57 1.38 0.00	36.99 1.68 0.00	38.34 1.83 0.00	37.27 1.98 0.00	30.07 1.66 0.00	33.85 1.80 0.00	37.87 1.56 -9.58	40.52 2.24 -2.48	41.09 1.83 -9.50	64.08 1.90 -28.06	64.80 2.72 -16.20	71.68 3.71 -7.44	53.57 2.42 -12.17	44.28 2.25 -5.11	47.29 2.44 -0.14	80.59 2.46 -28.62	59.06 2.66 0.00	52.86 2.30 0.00
INDIAN POINT___3 23531	44.09 1.67 0.00	37.84 1.35 0.00	38.52 1.34 0.00	39.03 1.38 0.00	41.61 1.42 0.00	41.68 1.41 0.00	35.59 1.40 0.00	37.00 1.69 0.00	38.34 1.83 0.00	37.28 1.99 0.00	30.07 1.66 0.00	33.86 1.81 0.00	37.98 1.57 -9.69	40.51 2.25 -2.47	41.20 1.83 -9.61	64.43 1.92 -28.38	65.00 2.74 -16.38	71.79 3.73 -7.52	53.71 2.43 -12.31	44.34 2.25 -5.17	47.32 2.47 -0.14	80.94 2.48 -28.94	59.07 2.67 0.00	52.87 2.30 0.00
INGHAM_C_115KV_TB7 356103	42.89 0.47 0.00	36.79 0.31 0.00	37.38 0.20 0.00	37.84 0.19 0.00	40.50 0.32 0.00	40.46 0.18 0.00	34.54 0.35 0.00	35.94 0.63 0.00	37.08 0.57 0.00	35.84 0.54 0.00	28.54 0.14 0.00	32.33 0.28 0.00	27.07 0.35 0.00	36.54 0.74 0.00	30.58 0.81 0.00	35.23 1.10 0.00	47.23 1.35 0.00	62.25 1.72 0.00	40.14 1.16 0.00	37.93 1.01 0.00	45.86 1.15 0.00	50.55 1.04 0.00	57.21 0.81 0.00	51.21 0.65 0.00
IP CORINTH___1 23988	44.83 2.41 0.00	38.64 2.15 0.00	39.42 2.24 0.00	39.91 2.26 0.00	42.67 2.48 0.00	42.91 2.63 0.00	36.61 2.42 0.00	37.96 2.65 0.00	39.18 2.67 0.00	37.69 2.40 0.00	30.18 1.78 0.00	34.17 2.12 0.00	40.52 1.83 -11.96	41.16 2.44 -2.92	43.73 2.10 -11.86	71.69 2.53 -35.04	69.78 3.67 -20.22	74.59 4.76 -9.29	57.25 3.07 -15.20	46.21 2.91 -6.38	48.23 3.35 -0.18	88.71 3.46 -35.73	60.29 3.89 0.00	53.89 3.33 0.00

IP___TICONDEROGA 23804	46.32 3.90 0.00	39.98 3.49 0.00	40.90 3.72 0.00	41.42 3.77 0.00	44.36 4.18 0.00	45.02 4.75 0.00	38.54 4.35 0.00	39.95 4.64 0.00	41.02 4.51 0.00	39.21 3.92 0.00	31.23 2.83 0.00	35.70 3.65 0.00	41.76 3.09 -11.95	42.86 4.14 -2.92	45.34 3.73 -11.85	73.30 4.17 -35.00	72.47 6.38 -20.20	77.59 7.78 -9.28	59.31 5.15 -15.18	48.24 4.95 -6.37	50.51 5.63 -0.18	91.00 5.79 -35.70	63.04 6.65 0.00	56.27 5.71 0.00
ISLIP_RES_REC 323679	45.31 2.88 0.00	38.92 2.43 0.00	39.40 2.22 0.00	39.93 2.28 0.00	42.48 2.29 0.00	42.66 2.39 0.00	36.55 2.36 0.00	38.18 2.87 0.00	39.50 2.99 0.00	38.64 3.35 0.00	32.04 2.72 -0.92	34.78 2.72 0.00	43.95 2.35 -14.88	70.82 3.60 -31.43	42.52 3.07 -9.69	65.90 3.16 -28.61	66.81 4.42 -16.51	74.16 6.04 -7.58	54.95 3.56 -12.41	45.59 3.46 -5.21	48.70 3.85 -0.14	82.60 3.91 -29.18	60.82 4.42 0.00	53.99 3.43 0.00
JAMAICA__27_KV_LOAD 355505	44.60 2.18 0.00	38.23 1.74 0.00	38.88 1.70 0.00	39.37 1.73 0.00	41.96 1.78 0.00	42.03 1.75 0.00	35.81 1.62 0.00	37.27 1.96 0.00	38.73 2.22 0.00	37.70 2.41 0.00	30.48 2.08 0.00	34.33 2.28 0.00	38.45 1.96 -9.76	41.09 2.82 -2.47	41.72 2.28 -9.68	65.05 2.32 -28.60	65.61 3.22 -16.51	72.46 4.34 -7.58	54.22 2.84 -12.41	44.80 2.67 -5.21	47.77 2.92 -0.14	81.74 3.05 -29.17	59.63 3.23 0.00	53.34 2.77 0.00
JANIS___SOLAR 323808	43.58 1.13 -0.02	37.56 1.07 0.00	38.41 1.23 0.00	38.80 1.15 0.00	41.59 1.41 0.00	41.88 1.60 0.00	35.58 1.38 -0.01	36.73 1.36 -0.06	38.27 1.76 0.00	36.96 1.67 -0.01	29.65 1.25 0.00	33.30 1.25 0.00	30.18 0.88 -2.57	39.51 1.39 -2.33	47.58 1.08 -16.74	43.07 1.41 -7.54	55.14 2.06 -7.19	119.35 2.51 -56.30	53.18 1.73 -12.47	46.53 1.58 -8.02	46.51 1.76 -0.04	60.11 1.90 -8.70	63.30 2.12 -4.78	52.58 2.02 0.00
JARVIS____ 23743	42.56 0.13 0.00	36.56 0.07 0.00	37.25 0.07 0.00	37.72 0.07 0.00	40.27 0.08 0.00	40.36 0.08 0.00	34.26 0.07 0.00	35.42 0.10 0.00	36.58 0.07 0.00	35.34 0.04 0.00	28.43 0.03 0.00	32.12 0.06 0.00	26.78 0.05 0.00	35.84 0.05 0.00	29.82 0.05 0.00	34.21 0.09 0.00	46.02 0.13 0.00	60.72 0.18 0.00	39.06 0.08 0.00	36.98 0.07 0.00	44.80 0.09 0.00	49.61 0.09 0.00	56.51 0.11 0.00	50.64 0.07 0.00
JENNISON___1 23625	42.95 0.53 0.00	37.23 0.75 0.00	38.22 1.04 0.00	38.68 1.03 0.00	41.60 1.42 0.00	41.94 1.67 0.00	35.70 1.50 0.00	36.80 1.50 0.00	38.49 1.98 0.00	37.17 1.87 0.00	29.79 1.38 0.00	33.34 1.29 0.00	31.01 1.02 -3.27	39.35 1.77 -1.78	38.25 1.08 -7.40	45.07 1.50 -9.45	54.77 2.27 -6.62	81.26 2.28 -18.45	48.20 1.66 -7.56	42.58 1.61 -4.04	46.40 1.64 -0.05	61.11 1.63 -9.96	59.72 1.99 -1.33	52.43 1.87 0.00
JENNISON___2 23626	42.95 0.53 0.00	37.23 0.75 0.00	38.22 1.04 0.00	38.68 1.03 0.00	41.60 1.42 0.00	41.94 1.67 0.00	35.70 1.50 0.00	36.80 1.50 0.00	38.49 1.98 0.00	37.17 1.87 0.00	29.79 1.38 0.00	33.34 1.29 0.00	31.01 1.02 -3.27	39.35 1.77 -1.78	38.25 1.08 -7.40	45.07 1.50 -9.45	54.77 2.27 -6.62	81.26 2.28 -18.45	48.20 1.66 -7.56	42.58 1.61 -4.04	46.40 1.64 -0.05	61.11 1.63 -9.96	59.72 1.99 -1.33	52.43 1.87 0.00
JERICHO_RISE_WT_PWR 323719	42.87 0.45 0.00	36.05 -0.44 0.00	36.45 -0.73 0.00	36.95 -0.70 0.00	39.63 -0.56 0.00	39.99 -0.29 0.00	33.89 -0.30 0.00	35.08 -0.23 0.00	36.00 -0.51 0.00	33.94 -1.35 0.00	27.03 -1.37 0.00	31.14 -0.91 0.00	25.85 -0.87 0.00	33.92 -1.88 0.00	28.16 -1.60 0.00	32.87 -1.25 0.00	44.09 -1.79 0.00	59.15 -1.39 0.00	37.10 -1.88 0.00	34.64 -2.28 0.00	42.50 -2.21 0.00	47.08 -2.43 0.00	54.67 -1.73 0.00	48.21 -2.35 0.00
KATONAH___115KV_46KV_TB4 355592	44.41 1.99 0.00	38.13 1.64 0.00	38.81 1.63 0.00	39.31 1.66 0.00	41.92 1.74 0.00	42.01 1.73 0.00	35.88 1.69 0.00	37.31 2.00 0.00	38.68 2.17 0.00	37.61 2.32 0.00	30.32 1.91 0.00	34.17 2.11 0.00	38.42 1.83 -9.86	40.85 2.60 -2.46	41.66 2.12 -9.78	65.29 2.27 -28.90	65.80 3.24 -16.68	72.56 4.36 -7.66	54.34 2.83 -12.53	44.82 2.64 -5.26	47.78 2.93 -0.14	81.96 2.97 -29.47	59.60 3.19 0.00	53.30 2.74 0.00
KCE_NY_1 323755	44.48 2.06 0.00	38.28 1.80 0.00	39.03 1.85 0.00	39.53 1.88 0.00	42.24 2.05 0.00	42.35 2.07 0.00	36.10 1.91 0.00	37.42 2.10 0.00	38.69 2.19 0.00	37.22 1.92 0.00	29.83 1.42 0.00	33.76 1.71 0.00	40.14 1.49 -11.93	40.81 2.09 -2.92	43.39 1.80 -11.83	71.24 2.17 -34.95	69.11 3.06 -20.17	73.75 3.95 -9.26	56.66 2.52 -15.16	45.66 2.38 -6.36	47.70 2.82 -0.18	88.09 2.93 -35.64	59.51 3.11 0.00	53.22 2.65 0.00
KCE_NY_6_ESR 323823	40.74 -1.59 0.09	35.64 -0.84 0.00	36.36 -0.82 0.00	36.89 -0.75 0.00	39.25 -0.94 0.00	39.54 -0.74 0.00	33.32 -0.85 0.03	33.51 -1.55 0.25	35.30 -1.21 0.00	34.04 -1.22 0.03	26.83 -1.57 0.00	30.02 -2.04 0.00	25.65 -2.14 -1.07	25.32 -2.66 7.82	20.57 -2.33 6.86	34.58 -2.80 -3.26	35.24 -3.82 6.82	26.45 -4.71 29.38	21.55 -3.20 14.24	25.69 -2.93 8.30	41.18 -3.55 -0.02	48.98 -4.00 -3.46	50.69 -3.28 2.43	48.34 -2.22 0.00
KEDC_PORT_JEFF_GT2 24210	45.13 2.71 0.00	38.78 2.29 0.00	39.25 2.07 0.00	39.78 2.13 0.00	42.32 2.14 0.00	42.49 2.22 0.00	36.39 2.20 0.00	38.02 2.70 0.00	39.35 2.84 0.00	38.47 3.18 0.00	31.88 2.57 -0.91	34.65 2.59 0.00	43.81 2.25 -14.84	70.46 3.44 -31.23	42.37 2.93 -9.69	65.73 2.99 -28.61	66.57 4.17 -16.51	73.82 5.70 -7.58	54.72 3.33 -12.41	45.39 3.26 -5.21	48.47 3.62 -0.14	82.33 3.64 -29.18	60.52 4.13 0.00	53.77 3.20 0.00
KEDC_PORT_JEFF_GT3 24211	45.13 2.71 0.00	38.78 2.29 0.00	39.25 2.07 0.00	39.78 2.13 0.00	42.32 2.14 0.00	42.49 2.22 0.00	36.39 2.20 0.00	38.02 2.70 0.00	39.35 2.84 0.00	38.47 3.18 0.00	31.88 2.57 -0.91	34.65 2.59 0.00	43.81 2.25 -14.84	70.46 3.44 -31.23	42.37 2.93 -9.69	65.73 2.99 -28.61	66.57 4.17 -16.51	73.82 5.70 -7.58	54.72 3.33 -12.41	45.39 3.26 -5.21	48.47 3.62 -0.14	82.33 3.64 -29.18	60.52 4.13 0.00	53.77 3.20 0.00
KEDC_GLWD_GT4 24219	44.68 2.26 0.00	38.37 1.88 0.00	38.97 1.79 0.00	39.48 1.84 0.00	42.07 1.89 0.00	42.17 1.89 0.00	36.03 1.84 0.00	37.51 2.20 0.00	38.90 2.39 0.00	37.88 2.59 -0.01	32.11 2.14 -1.57	34.35 2.29 0.00	47.24 2.00 -18.53	90.75 2.86 -52.09	41.82 2.37 -9.69	65.21 2.47 -28.61	65.86 3.47 -16.51	72.83 4.71 -7.58	54.34 2.96 -12.41	44.91 2.78 -5.21	47.93 3.08 -0.14	81.83 3.14 -29.18	59.87 3.47 0.00	53.45 2.89 0.00
KEDC_GLWD_GT5 24220	44.68 2.26 0.00	38.37 1.88 0.00	38.97 1.79 0.00	39.48 1.84 0.00	42.07 1.89 0.00	42.17 1.89 0.00	36.03 1.84 0.00	37.51 2.20 0.00	38.90 2.39 0.00	37.88 2.59 -0.01	32.11 2.14 -1.57	34.35 2.29 0.00	47.24 2.00 -18.53	90.75 2.86 -52.09	41.82 2.37 -9.69	65.21 2.47 -28.61	65.86 3.47 -16.51	72.83 4.71 -7.58	54.34 2.96 -12.41	44.91 2.78 -5.21	47.93 3.08 -0.14	81.83 3.14 -29.18	59.87 3.47 0.00	53.45 2.89 0.00

KENSICO____ 23655	44.25 1.82 0.00	37.97 1.49 0.00	38.65 1.47 0.00	39.15 1.50 0.00	41.74 1.56 0.00	41.81 1.54 0.00	35.69 1.50 0.00	37.13 1.82 0.00	38.49 1.99 0.00	37.43 2.14 0.00	30.20 1.80 0.00	34.01 1.95 0.00	38.17 1.70 -9.75	40.70 2.43 -2.47	41.41 1.97 -9.67	64.76 2.08 -28.56	65.31 2.95 -16.48	72.09 3.98 -7.57	53.97 2.60 -12.39	44.54 2.42 -5.20	47.51 2.66 -0.14	81.34 2.70 -29.12	59.30 2.90 0.00	53.05 2.49 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.46 2.03 0.00	38.15 1.67 0.00	38.84 1.66 0.00	39.34 1.70 0.00	41.97 1.78 0.00	42.11 1.83 0.00	35.99 1.80 0.00	37.42 2.11 0.00	38.82 2.31 0.00	37.62 2.33 0.00	30.33 1.93 0.00	34.29 2.23 0.00	37.74 1.83 -9.18	40.64 2.62 -2.23	41.02 2.15 -9.10	63.36 2.34 -26.90	64.76 3.35 -15.53	72.25 4.58 -7.13	53.62 2.97 -11.67	44.59 2.77 -4.90	47.94 3.10 -0.14	80.12 3.17 -27.44	59.83 3.43 0.00	53.53 2.97 0.00
KIAC_JFK_GT1 23816	44.35 1.93 0.00	38.01 1.53 0.00	38.67 1.49 0.00	39.16 1.51 0.00	41.74 1.56 0.00	41.80 1.52 0.00	35.60 1.41 0.00	37.05 1.74 0.00	38.50 1.99 0.00	37.49 2.20 0.00	30.32 1.91 0.00	34.15 2.10 0.00	38.30 1.81 -9.76	40.88 2.61 -2.47	41.54 2.10 -9.68	64.81 2.08 -28.60	65.14 2.75 -16.51	71.82 3.70 -7.58	53.83 2.44 -12.41	44.42 2.29 -5.21	47.32 2.47 -0.14	81.43 2.74 -29.17	59.28 2.88 0.00	53.03 2.47 0.00
KIAC_JFK_GT2 23817	44.35 1.93 0.00	38.01 1.53 0.00	38.67 1.49 0.00	39.16 1.51 0.00	41.74 1.56 0.00	41.80 1.52 0.00	35.60 1.41 0.00	37.05 1.74 0.00	38.50 1.99 0.00	37.49 2.20 0.00	30.32 1.91 0.00	34.15 2.10 0.00	38.30 1.81 -9.76	40.88 2.61 -2.47	41.54 2.10 -9.68	64.81 2.08 -28.60	65.14 2.75 -16.51	71.82 3.70 -7.58	53.83 2.44 -12.41	44.42 2.29 -5.21	47.32 2.47 -0.14	81.43 2.74 -29.17	59.28 2.88 0.00	53.03 2.47 0.00
KIAC_JFK____ 323774	44.35 1.93 0.00	38.01 1.53 0.00	38.67 1.49 0.00	39.15 1.50 0.00	41.75 1.56 0.00	41.80 1.52 0.00	35.60 1.41 0.00	37.05 1.74 0.00	38.50 1.99 0.00	37.49 2.20 0.00	30.32 1.91 0.00	34.15 2.10 0.00	38.30 1.81 -9.76	40.88 2.61 -2.47	41.54 2.10 -9.68	64.81 2.08 -28.60	65.14 2.75 -16.51	71.81 3.69 -7.58	53.83 2.44 -12.41	44.42 2.29 -5.21	47.32 2.46 -0.14	81.43 2.74 -29.17	59.28 2.88 0.00	53.03 2.47 0.00
KINTIGH____ 23543	40.11 -2.31 0.00	34.95 -1.54 0.00	35.60 -1.58 0.00	36.08 -1.57 0.00	38.41 -1.77 0.00	38.71 -1.56 0.00	32.58 -1.61 0.00	33.09 -2.23 0.00	34.52 -1.99 0.00	33.37 -1.92 0.00	26.40 -2.01 0.00	29.62 -2.44 0.00	25.37 -2.36 -1.01	28.98 -3.12 3.70	22.99 -2.63 4.14	34.44 -3.19 -3.51	39.71 -4.42 1.75	36.03 -5.60 18.90	28.17 -3.87 6.94	29.05 -3.58 4.28	40.53 -4.20 -0.02	48.06 -4.68 -3.22	50.70 -4.26 1.44	47.43 -3.13 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.69 1.26 0.00	36.78 0.29 0.00	37.14 -0.04 0.00	37.68 0.03 0.00	40.47 0.28 0.00	40.84 0.57 0.00	34.66 0.47 0.00	35.86 0.55 0.00	36.78 0.27 0.00	34.78 -0.51 0.00	27.64 -0.76 0.00	31.84 -0.21 0.00	26.45 -0.27 0.00	34.69 -1.11 0.00	28.83 -0.93 0.00	33.60 -0.52 0.00	45.09 -0.79 0.00	60.49 -0.05 0.00	38.01 -0.97 0.00	35.43 -1.49 0.00	43.38 -1.32 0.00	48.08 -1.43 0.00	55.97 -0.42 0.00	49.28 -1.28 0.00
LACHUTE__HYDRO 323717	46.32 3.90 0.00	39.98 3.50 0.00	40.90 3.73 0.00	41.42 3.77 0.00	44.36 4.18 0.00	45.02 4.75 0.00	38.53 4.34 0.00	39.96 4.64 0.00	41.02 4.51 0.00	39.21 3.92 0.00	31.23 2.83 0.00	35.70 3.64 0.00	41.76 3.09 -11.95	42.86 4.14 -2.92	45.34 3.73 -11.85	73.30 4.18 -35.00	72.46 6.38 -20.20	77.59 7.77 -9.28	59.31 5.15 -15.18	48.24 4.95 -6.37	50.51 5.63 -0.18	91.01 5.79 -35.70	63.04 6.64 0.00	56.27 5.71 0.00
LAWRNCV_115KV_TB1 80681	43.01 0.59 0.00	36.19 -0.30 0.00	36.70 -0.48 0.00	37.10 -0.55 0.00	39.75 -0.44 0.00	40.03 -0.24 0.00	33.98 -0.21 0.00	35.18 -0.13 0.00	36.11 -0.39 0.00	34.03 -1.26 0.00	27.11 -1.30 0.00	31.20 -0.85 0.00	26.19 -0.72 -0.19	34.26 -1.59 -0.05	28.53 -1.43 -0.19	33.76 -0.93 -0.56	45.04 -1.17 -0.32	60.03 -0.65 -0.15	38.01 -1.22 -0.24	35.43 -1.60 -0.10	43.33 -1.38 0.00	48.53 -1.56 -0.57	55.41 -0.98 0.00	49.06 -1.50 0.00
LEDERLE____ 23769	44.22 1.79 0.00	37.94 1.45 0.00	38.61 1.43 0.00	39.12 1.47 0.00	41.72 1.54 0.00	41.81 1.53 0.00	35.71 1.52 0.00	37.13 1.82 0.00	38.49 1.98 0.00	37.41 2.12 0.00	30.18 1.77 0.00	33.96 1.91 0.00	37.84 1.65 -9.46	40.32 2.36 -2.16	41.07 1.92 -9.39	63.87 2.02 -27.73	64.80 2.91 -16.00	71.86 3.97 -7.35	53.60 2.59 -12.03	44.37 2.40 -5.05	47.47 2.62 -0.14	80.45 2.66 -28.28	59.27 2.87 0.00	53.04 2.48 0.00
LIGHTRSE_115KV_TB6 355974	41.73 -0.69 0.00	35.80 -0.68 0.00	36.61 -0.57 0.00	37.01 -0.64 0.00	39.47 -0.72 0.00	39.60 -0.67 0.00	33.54 -0.66 0.00	34.64 -0.67 0.00	35.69 -0.82 0.00	34.41 -0.89 0.00	27.67 -0.74 0.00	31.35 -0.70 0.00	26.74 -0.63 -0.65	34.94 -1.02 -0.16	29.47 -0.94 -0.65	35.05 -0.99 -1.91	45.67 -1.32 -1.11	59.41 -1.63 -0.51	38.77 -1.04 -0.83	36.18 -1.09 -0.35	43.55 -1.17 -0.01	50.24 -1.23 -1.95	55.11 -1.29 0.00	49.42 -1.14 0.00
LINDEN COGEN____ 23786	44.30 1.88 0.00	37.95 1.46 0.00	38.60 1.42 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.75 1.47 0.00	35.61 1.42 0.00	37.08 1.77 0.00	38.47 1.96 0.00	37.46 2.16 0.00	30.26 1.86 0.00	34.07 2.01 0.00	38.23 1.74 -9.76	40.79 2.52 -2.47	41.52 2.07 -9.68	64.84 2.11 -28.60	65.38 2.99 -16.51	72.14 4.02 -7.58	54.02 2.63 -12.41	44.58 2.45 -5.21	47.49 2.64 -0.14	81.38 2.69 -29.17	59.32 2.92 0.00	53.05 2.49 0.00
LINDHRST_69_KV_BK1 356055	45.21 2.79 0.00	38.84 2.36 0.00	39.36 2.18 0.00	39.89 2.24 0.00	42.43 2.25 0.00	42.58 2.30 0.00	36.45 2.26 0.00	38.03 2.71 0.00	39.40 2.89 0.00	38.45 3.16 0.00	31.95 2.53 -1.02	34.66 2.60 0.00	44.43 2.27 -15.43	73.73 3.34 -34.59	42.32 2.88 -9.69	65.71 2.98 -28.61	66.56 4.16 -16.51	73.82 5.70 -7.58	54.83 3.45 -12.41	45.42 3.30 -5.21	48.54 3.69 -0.14	82.49 3.79 -29.18	60.65 4.25 0.00	54.01 3.45 0.00
LIPA_MISC_IPP 23656	45.05 2.63 0.00	38.69 2.20 0.00	39.17 1.99 0.00	39.70 2.06 0.00	42.24 2.05 0.00	42.43 2.15 0.00	36.35 2.15 0.00	37.97 2.65 0.00	39.29 2.78 0.00	38.46 3.17 0.00	31.88 2.57 -0.91	34.63 2.58 0.00	43.78 2.23 -14.82	70.27 3.36 -31.11	42.32 2.87 -9.69	65.63 2.90 -28.61	66.39 3.99 -16.51	73.55 5.43 -7.58	54.49 3.10 -12.41	45.21 3.08 -5.21	48.25 3.40 -0.14	82.05 3.36 -29.18	60.21 3.81 0.00	53.39 2.83 0.00
LISF__SOLAR 323691	45.12 2.70 0.00	38.75 2.26 0.00	39.23 2.05 0.00	39.75 2.10 0.00	42.29 2.11 0.00	42.50 2.23 0.00	36.40 2.21 0.00	38.03 2.71 0.00	39.35 2.84 0.00	38.52 3.22 0.00	31.93 2.61 -0.91	34.64 2.59 0.00	43.80 2.24 -14.83	70.37 3.42 -31.15	42.37 2.92 -9.69	65.69 2.95 -28.61	66.46 4.07 -16.51	73.63 5.51 -7.58	54.56 3.17 -12.41	45.28 3.15 -5.21	48.33 3.48 -0.14	82.15 3.46 -29.18	60.34 3.94 0.00	53.46 2.90 0.00

LITTLE FALLS___HYD 24013	42.89 0.47 0.00	36.79 0.31 0.00	37.38 0.20 0.00	37.84 0.19 0.00	40.50 0.32 0.00	40.46 0.18 0.00	34.54 0.35 0.00	35.94 0.63 0.00	37.08 0.57 0.00	35.84 0.54 0.00	28.54 0.14 0.00	32.33 0.28 0.00	27.07 0.35 0.00	36.54 0.74 0.00	30.58 0.81 0.00	35.23 1.10 0.00	47.23 1.35 0.00	62.25 1.72 0.00	40.14 1.16 0.00	37.93 1.01 0.00	45.86 1.15 0.00	50.55 1.04 0.00	57.21 0.81 0.00	51.21 0.65 0.00
LITTLRIV_115KV_TB1 356100	43.47 1.05 0.00	36.57 0.08 0.00	37.08 -0.10 0.00	37.49 -0.16 0.00	40.18 0.00 0.00	40.50 0.23 0.00	34.40 0.21 0.00	35.63 0.32 0.00	36.58 0.07 0.00	34.42 -0.88 0.00	27.31 -1.10 0.00	31.42 -0.63 0.00	26.40 -0.52 -0.20	34.55 -1.30 -0.05	28.83 -1.13 -0.20	34.14 -0.56 -0.58	45.66 -0.56 -0.33	60.93 0.24 -0.15	38.55 -0.68 -0.25	35.95 -1.08 -0.11	43.97 -0.74 0.00	49.24 -0.87 -0.59	56.15 -0.25 0.00	49.68 -0.89 0.00
LI_NEWBRDGE___DRP 323616	44.50 2.08 0.00	38.23 1.74 0.00	38.77 1.59 0.00	39.30 1.65 0.00	41.84 1.65 0.00	41.94 1.67 0.00	35.87 1.69 0.00	37.39 2.08 0.00	38.73 2.22 0.00	37.77 2.48 0.00	31.29 2.04 -0.84	34.18 2.12 0.00	43.05 1.86 -14.47	67.61 2.69 -29.13	41.75 2.31 -9.69	65.09 2.35 -28.61	65.69 3.29 -16.51	72.62 4.50 -7.58	54.11 2.73 -12.41	44.73 2.60 -5.21	47.70 2.85 -0.14	81.57 2.88 -29.18	59.63 3.23 0.00	53.17 2.60 0.00
LOCKPORT_115KV_TB60_63_64 80432	40.22 -2.20 0.00	35.12 -1.36 0.00	35.78 -1.40 0.00	36.29 -1.36 0.00	38.60 -1.59 0.00	38.99 -1.29 0.00	32.76 -1.43 0.00	33.08 -2.23 0.00	34.56 -1.95 0.00	33.36 -1.93 0.00	26.18 -2.23 0.00	29.29 -2.77 0.00	25.02 -2.74 -1.04	26.90 -3.38 5.52	21.55 -2.84 5.37	34.33 -3.62 -3.83	37.83 -4.82 3.23	31.22 -5.75 23.57	24.85 -3.95 10.17	27.16 -3.70 6.06	40.23 -4.50 -0.02	47.86 -5.14 -3.48	50.33 -4.36 1.71	47.43 -3.13 0.00
LOCKPORT___CC1 323769	40.12 -2.23 0.08	35.10 -1.39 0.00	35.76 -1.42 0.00	36.28 -1.37 0.00	38.59 -1.60 0.00	38.96 -1.31 0.00	32.72 -1.45 0.02	32.86 -2.25 0.20	34.55 -1.97 0.00	33.34 -1.93 0.02	26.18 -2.22 0.00	29.29 -2.77 0.00	25.03 -2.72 -1.03	26.46 -3.39 5.95	21.31 -2.89 5.56	33.59 -3.59 -3.06	36.04 -4.83 5.01	30.39 -5.87 24.28	24.12 -3.97 10.89	26.75 -3.72 6.44	40.19 -4.54 -0.02	47.59 -5.15 -3.22	49.90 -4.44 2.05	47.33 -3.23 0.00
LOCKPORT___CC2 323770	40.12 -2.23 0.08	35.10 -1.39 0.00	35.76 -1.42 0.00	36.28 -1.37 0.00	38.59 -1.60 0.00	38.96 -1.31 0.00	32.72 -1.45 0.02	32.86 -2.25 0.20	34.55 -1.97 0.00	33.34 -1.93 0.02	26.18 -2.22 0.00	29.29 -2.77 0.00	25.03 -2.72 -1.03	26.46 -3.39 5.95	21.31 -2.89 5.56	33.59 -3.59 -3.06	36.04 -4.83 5.01	30.39 -5.87 24.28	24.12 -3.97 10.89	26.75 -3.72 6.44	40.19 -4.54 -0.02	47.59 -5.15 -3.22	49.90 -4.44 2.05	47.33 -3.23 0.00
LOCKPORT___CC3 323771	40.12 -2.23 0.08	35.10 -1.39 0.00	35.76 -1.42 0.00	36.28 -1.37 0.00	38.59 -1.60 0.00	38.96 -1.31 0.00	32.72 -1.45 0.02	32.86 -2.25 0.20	34.55 -1.97 0.00	33.34 -1.93 0.02	26.18 -2.22 0.00	29.29 -2.77 0.00	25.03 -2.72 -1.03	26.46 -3.39 5.95	21.31 -2.89 5.56	33.59 -3.59 -3.06	36.04 -4.83 5.01	30.39 -5.87 24.28	24.12 -3.97 10.89	26.75 -3.72 6.44	40.19 -4.54 -0.02	47.59 -5.15 -3.22	49.90 -4.44 2.05	47.33 -3.23 0.00
LONG_LAKE_PHOENIX 24014	41.38 -1.04 0.00	35.66 -0.82 0.00	36.34 -0.84 0.00	36.79 -0.86 0.00	39.28 -0.90 0.00	39.40 -0.87 0.00	33.37 -0.82 0.00	34.32 -0.99 0.00	35.50 -1.01 0.00	34.32 -0.97 0.00	27.60 -0.80 0.00	31.16 -0.90 0.00	26.68 -0.77 -0.73	34.85 -1.13 -0.18	29.60 -0.89 -0.72	35.24 -1.01 -2.13	45.73 -1.39 -1.23	59.24 -1.86 -0.56	38.75 -1.15 -0.92	36.25 -1.06 -0.39	43.46 -1.26 -0.01	50.48 -1.21 -2.17	55.06 -1.33 0.00	49.45 -1.11 0.00
LOVETT___3 23632	44.03 1.61 0.00	37.78 1.30 0.00	38.46 1.28 0.00	38.97 1.31 0.00	41.55 1.37 0.00	41.62 1.35 0.00	35.53 1.35 0.00	36.95 1.64 0.00	38.30 1.79 0.00	37.23 1.94 0.00	30.03 1.62 0.00	33.80 1.75 0.00	37.74 1.52 -9.50	40.14 2.18 -2.17	40.95 1.77 -9.42	63.78 1.84 -27.82	64.60 2.66 -16.05	71.54 3.63 -7.38	53.42 2.37 -12.07	44.19 2.20 -5.07	47.22 2.38 -0.14	80.29 2.40 -28.37	58.98 2.58 0.00	52.79 2.23 0.00
LOVETT___4 23642	44.03 1.61 0.00	37.78 1.30 0.00	38.46 1.28 0.00	38.97 1.31 0.00	41.55 1.37 0.00	41.62 1.35 0.00	35.53 1.35 0.00	36.95 1.64 0.00	38.30 1.79 0.00	37.23 1.94 0.00	30.03 1.62 0.00	33.80 1.75 0.00	37.74 1.52 -9.50	40.14 2.18 -2.17	40.95 1.77 -9.42	63.78 1.84 -27.82	64.60 2.66 -16.05	71.54 3.63 -7.38	53.42 2.37 -12.07	44.19 2.20 -5.07	47.22 2.38 -0.14	80.29 2.40 -28.37	58.98 2.58 0.00	52.79 2.23 0.00
LOVETT___5 23593	44.03 1.61 0.00	37.78 1.30 0.00	38.46 1.28 0.00	38.97 1.31 0.00	41.55 1.37 0.00	41.62 1.35 0.00	35.53 1.35 0.00	36.95 1.64 0.00	38.30 1.79 0.00	37.23 1.94 0.00	30.03 1.62 0.00	33.80 1.75 0.00	37.74 1.52 -9.50	40.14 2.18 -2.17	40.95 1.77 -9.42	63.78 1.84 -27.82	64.60 2.66 -16.05	71.54 3.63 -7.38	53.42 2.37 -12.07	44.19 2.20 -5.07	47.22 2.38 -0.14	80.29 2.40 -28.37	58.98 2.58 0.00	52.79 2.23 0.00
LOWER RAQUET___HYD 24057	43.01 0.59 0.00	36.20 -0.29 0.00	36.72 -0.46 0.00	37.14 -0.51 0.00	39.77 -0.42 0.00	40.06 -0.22 0.00	34.01 -0.18 0.00	35.22 -0.09 0.00	36.13 -0.38 0.00	34.06 -1.23 0.00	27.12 -1.29 0.00	31.25 -0.80 0.00	26.21 -0.71 -0.20	34.27 -1.58 -0.05	28.56 -1.40 -0.20	33.81 -0.91 -0.59	45.09 -1.14 -0.34	60.16 -0.53 -0.16	38.06 -1.17 -0.26	35.47 -1.55 -0.11	43.38 -1.33 0.00	48.61 -1.51 -0.61	55.44 -0.96 0.00	49.08 -1.48 0.00
LOWER___HUDSON 24059	43.94 1.51 0.00	37.82 1.33 0.00	38.57 1.39 0.00	39.09 1.44 0.00	41.72 1.53 0.00	41.71 1.44 0.00	35.52 1.33 0.00	36.84 1.53 0.00	38.00 1.49 0.00	36.66 1.37 0.00	29.48 1.08 0.00	33.34 1.29 0.00	39.59 1.12 -11.74	40.24 1.57 -2.87	42.78 1.37 -11.64	70.17 1.65 -34.40	67.94 2.21 -19.85	72.54 2.88 -9.12	55.75 1.85 -14.92	44.92 1.74 -6.26	47.02 2.14 -0.17	86.73 2.13 -35.08	58.61 2.21 0.00	52.48 1.91 0.00
LOWVILLE_115KV_TB2 356335	42.66 0.24 0.00	36.22 -0.27 0.00	37.28 0.10 0.00	37.58 -0.07 0.00	40.10 -0.09 0.00	40.25 -0.02 0.00	34.29 0.09 0.00	35.59 0.28 0.00	36.23 -0.28 0.00	34.45 -0.84 0.00	27.66 -0.74 0.00	31.79 -0.27 0.00	26.75 -0.31 -0.34	34.64 -1.24 -0.08	28.96 -1.14 -0.34	34.43 -0.69 -0.99	45.95 -0.51 -0.57	60.57 -0.23 -0.26	38.89 -0.52 -0.43	36.22 -0.88 -0.18	44.13 -0.58 0.00	49.49 -1.04 -1.02	55.54 -0.86 0.00	49.59 -0.98 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.47 2.05 0.00	38.28 1.80 0.00	39.03 1.85 0.00	39.53 1.88 0.00	42.24 2.05 0.00	42.35 2.07 0.00	36.09 1.90 0.00	37.41 2.10 0.00	38.63 2.12 0.00	37.19 1.90 0.00	29.83 1.42 0.00	33.75 1.69 0.00	40.12 1.47 -11.93	40.78 2.07 -2.92	43.36 1.77 -11.83	71.20 2.13 -34.95	69.05 2.99 -20.17	73.69 3.88 -9.26	56.64 2.50 -15.16	45.63 2.35 -6.36	47.66 2.78 -0.18	88.03 2.87 -35.64	59.50 3.10 0.00	53.22 2.66 0.00

LUTHERNY_35_KV_BK2 355980	44.48 2.06 0.00	38.28 1.80 0.00	39.03 1.85 0.00	39.53 1.88 0.00	42.24 2.05 0.00	42.35 2.08 0.00	36.10 1.91 0.00	37.42 2.10 0.00	38.69 2.19 0.00	37.22 1.93 0.00	29.83 1.42 0.00	33.76 1.71 0.00	40.14 1.49 -11.93	40.81 2.09 -2.92	43.39 1.80 -11.83	71.24 2.17 -34.95	69.11 3.06 -20.17	73.75 3.95 -9.26	56.67 2.53 -15.16	45.66 2.38 -6.36	47.70 2.82 -0.18	88.09 2.93 -35.64	59.51 3.11 0.00	53.21 2.65 0.00
LWR___OSWEGATCHIE_HYD 23850	42.59 0.16 0.00	35.99 -0.50 0.00	36.75 -0.42 0.00	37.10 -0.55 0.00	39.65 -0.54 0.00	39.84 -0.43 0.00	33.87 -0.32 0.00	35.14 -0.18 0.00	35.94 -0.58 0.00	34.01 -1.28 0.00	27.19 -1.21 0.00	31.28 -0.78 0.00	26.31 -0.70 -0.28	34.26 -1.61 -0.07	28.59 -1.46 -0.28	33.92 -1.04 -0.84	45.16 -1.21 -0.48	59.85 -0.91 -0.22	38.19 -1.16 -0.36	35.57 -1.51 -0.15	43.40 -1.32 0.00	48.70 -1.67 -0.85	55.04 -1.36 0.00	48.93 -1.63 0.00
LYONS_FALL_HYD 23570	42.87 0.44 0.00	36.55 0.06 0.00	37.48 0.30 0.00	37.84 0.19 0.00	40.39 0.21 0.00	40.55 0.28 0.00	34.51 0.32 0.00	35.77 0.46 0.00	36.64 0.14 0.00	35.02 -0.27 0.00	28.12 -0.28 0.00	32.14 0.08 0.00	27.03 -0.01 -0.32	35.33 -0.54 -0.08	29.60 -0.47 -0.31	34.90 -0.14 -0.92	46.52 0.11 -0.53	61.18 0.40 -0.24	39.38 0.00 -0.40	36.84 -0.25 -0.17	44.71 0.00 0.00	50.19 -0.26 -0.94	56.29 -0.11 0.00	50.30 -0.27 0.00
MADISON___COUNTY_LFGE 323628	43.21 0.79 0.00	37.13 0.64 0.00	37.89 0.71 0.00	38.32 0.67 0.00	41.00 0.81 0.00	41.17 0.89 0.00	34.95 0.77 0.00	36.13 0.82 0.00	37.41 0.90 0.00	35.89 0.60 0.00	28.83 0.43 0.00	32.71 0.65 0.00	27.75 0.49 -0.53	36.47 0.54 -0.13	30.78 0.49 -0.53	36.37 0.69 -1.56	47.84 1.06 -0.90	62.20 1.25 -0.41	40.40 0.74 -0.67	37.82 0.62 -0.28	45.49 0.78 -0.01	51.94 0.83 -1.59	57.35 0.95 0.00	51.37 0.81 0.00
MALONE___115KV_TB1 356076	43.41 0.99 0.00	36.50 0.02 0.00	36.93 -0.25 0.00	37.41 -0.24 0.00	40.11 -0.08 0.00	40.46 0.18 0.00	34.32 0.12 0.00	35.54 0.23 0.00	36.51 0.01 0.00	34.47 -0.83 0.00	27.45 -0.96 0.00	31.57 -0.48 0.00	26.41 -0.48 -0.16	34.52 -1.32 -0.04	28.74 -1.19 -0.16	33.89 -0.70 -0.47	45.22 -0.93 -0.27	60.37 -0.29 -0.12	38.09 -1.10 -0.20	35.47 -1.53 -0.08	43.39 -1.32 0.00	48.54 -1.46 -0.48	55.68 -0.72 0.00	49.12 -1.45 0.00
MAPLEWOD_115KV_TB3 80458	43.84 1.41 0.00	37.73 1.25 0.00	38.45 1.27 0.00	38.96 1.31 0.00	41.57 1.39 0.00	41.57 1.29 0.00	35.27 1.09 0.00	36.59 1.28 0.00	37.76 1.25 0.00	36.52 1.23 0.00	29.44 1.03 0.00	33.24 1.19 0.00	39.43 1.02 -11.68	40.13 1.47 -2.85	42.56 1.22 -11.58	69.76 1.43 -34.21	67.52 1.89 -19.74	72.13 2.52 -9.07	55.43 1.61 -14.84	44.67 1.51 -6.23	46.72 1.84 -0.17	86.23 1.82 -34.89	58.26 1.87 0.00	52.15 1.59 0.00
MAPLE_RIDGE_WT_1 323574	42.45 0.03 0.00	36.07 -0.41 0.00	36.78 -0.40 0.00	37.21 -0.43 0.00	39.76 -0.42 0.00	39.94 -0.34 0.00	33.82 -0.38 0.00	34.90 -0.41 0.00	35.87 -0.64 0.00	34.27 -1.02 0.00	27.47 -0.93 0.00	31.22 -0.83 0.00	25.99 -0.73 0.00	34.43 -1.37 0.00	28.56 -1.20 0.00	33.06 -1.06 0.00	44.62 -1.26 0.00	59.31 -1.23 0.00	37.83 -1.15 0.00	35.68 -1.24 0.00	43.57 -1.14 0.00	48.25 -1.27 0.00	55.43 -0.97 0.00	49.47 -1.10 0.00
MAPLE_RIDGE_WT_2 323611	42.45 0.03 0.00	36.07 -0.41 0.00	36.78 -0.40 0.00	37.21 -0.43 0.00	39.76 -0.42 0.00	39.94 -0.34 0.00	33.82 -0.38 0.00	34.90 -0.41 0.00	35.87 -0.64 0.00	34.27 -1.02 0.00	27.47 -0.93 0.00	31.22 -0.83 0.00	25.99 -0.73 0.00	34.43 -1.37 0.00	28.56 -1.20 0.00	33.06 -1.06 0.00	44.62 -1.26 0.00	59.31 -1.23 0.00	37.83 -1.15 0.00	35.68 -1.24 0.00	43.57 -1.14 0.00	48.25 -1.27 0.00	55.43 -0.97 0.00	49.47 -1.10 0.00
MARBLE_RIVER_WT_PWR 323696	42.93 0.50 0.00	36.11 -0.38 0.00	36.52 -0.66 0.00	37.04 -0.61 0.00	39.73 -0.45 0.00	40.09 -0.18 0.00	33.99 -0.20 0.00	35.19 -0.13 0.00	36.09 -0.42 0.00	34.07 -1.23 0.00	27.11 -1.29 0.00	31.23 -0.83 0.00	25.94 -0.78 0.00	34.02 -1.78 0.00	28.26 -1.50 0.00	32.95 -1.17 0.00	44.20 -1.68 0.00	59.32 -1.22 0.00	37.22 -1.76 0.00	34.73 -2.19 0.00	42.58 -2.12 0.00	47.22 -2.30 0.00	54.86 -1.54 0.00	48.33 -2.23 0.00
MARSHVLE_115KV_TB1 80742	44.37 1.94 0.00	38.05 1.56 0.00	38.72 1.54 0.00	39.21 1.57 0.00	41.87 1.69 0.00	42.17 1.90 0.00	35.92 1.73 0.00	37.04 1.72 0.00	38.13 1.62 0.00	36.65 1.35 0.00	29.32 0.91 0.00	33.18 1.13 0.00	41.04 0.99 -13.32	40.30 1.25 -3.26	44.17 1.19 -13.21	74.67 1.52 -39.03	70.67 2.26 -22.52	74.15 3.26 -10.35	57.91 2.01 -16.93	45.80 1.78 -7.11	46.96 2.05 -0.20	91.56 2.24 -39.80	59.09 2.69 0.00	52.93 2.37 0.00
MARSH_HILL_WT_PWR 323713	41.44 -0.98 0.00	35.85 -0.64 0.00	36.62 -0.56 0.00	37.19 -0.46 0.00	39.84 -0.35 0.00	40.37 0.10 0.00	34.01 -0.18 0.00	34.70 -0.61 0.00	36.37 -0.14 0.00	35.19 -0.10 0.00	27.79 -0.62 0.00	30.59 -1.47 0.00	27.98 -1.71 -2.98	58.24 -2.23 -24.68	22.22 -1.89 5.65	37.63 -1.92 -5.43	65.96 -2.78 -22.85	25.65 -3.83 31.05	71.10 -2.61 -34.72	49.82 -2.66 -15.56	41.43 -3.30 -0.03	50.41 -3.46 -4.35	48.26 -3.36 4.78	47.79 -2.77 0.00
MCINTYRE_115KV_TB2 80467	43.70 1.27 0.00	36.75 0.27 0.00	37.24 0.06 0.00	37.66 0.01 0.00	40.37 0.19 0.00	40.71 0.43 0.00	34.58 0.39 0.00	35.80 0.48 0.00	36.77 0.26 0.00	34.54 -0.75 0.00	27.31 -1.09 0.00	31.44 -0.62 0.00	26.42 -0.49 -0.19	34.63 -1.22 -0.04	28.92 -1.03 -0.19	34.25 -0.42 -0.55	45.88 -0.33 -0.32	61.29 0.60 -0.15	38.75 -0.47 -0.24	36.13 -0.89 -0.10	44.21 -0.50 0.00	49.48 -0.60 -0.56	56.47 0.07 0.00	49.95 -0.61 0.00
MECO_____69_KV_BK1 80468	44.92 2.49 0.00	38.56 2.07 0.00	39.25 2.07 0.00	39.75 2.11 0.00	42.46 2.27 0.00	42.71 2.43 0.00	36.40 2.21 0.00	37.64 2.32 0.00	38.79 2.29 0.00	37.18 1.89 0.00	29.68 1.27 0.00	33.62 1.56 0.00	40.95 1.39 -12.84	40.74 1.81 -3.14	44.25 1.76 -12.73	73.97 2.24 -37.61	70.85 3.26 -21.71	75.04 4.53 -9.97	58.14 2.85 -16.31	46.38 2.61 -6.85	47.95 3.06 -0.19	91.13 3.26 -38.36	60.10 3.70 0.00	53.78 3.22 0.00
MENANDS___115KV_TB5 355628	43.70 1.27 0.00	37.60 1.12 0.00	38.33 1.15 0.00	38.85 1.20 0.00	41.45 1.26 0.00	41.42 1.15 0.00	35.11 0.92 0.00	36.42 1.11 0.00	37.58 1.07 0.00	36.38 1.08 0.00	29.34 0.93 0.00	33.13 1.08 0.00	39.31 0.93 -11.66	39.98 1.33 -2.85	42.39 1.07 -11.56	69.53 1.26 -34.15	67.24 1.65 -19.71	71.78 2.19 -9.05	55.19 1.40 -14.81	44.46 1.32 -6.22	46.50 1.62 -0.17	85.90 1.56 -34.83	57.97 1.57 0.00	51.90 1.34 0.00
MG INDUSTRY___DRP 24185	43.81 1.39 0.00	37.70 1.22 0.00	38.43 1.25 0.00	38.94 1.29 0.00	41.56 1.38 0.00	41.57 1.30 0.00	35.26 1.06 0.00	36.51 1.20 0.00	37.62 1.12 0.00	36.27 0.97 0.00	29.22 0.82 0.00	33.03 0.97 0.00	39.04 0.90 -11.42	39.90 1.31 -2.79	42.15 1.06 -11.33	68.84 1.25 -33.46	66.90 1.70 -19.31	71.64 2.23 -8.87	54.92 1.43 -14.51	44.36 1.34 -6.09	46.50 1.63 -0.17	85.27 1.63 -34.13	58.10 1.70 0.00	52.05 1.49 0.00

MID___OSWEGATCHIE_HYD 23849	42.59 0.16 0.00	35.99 -0.50 0.00	36.75 -0.42 0.00	37.10 -0.55 0.00	39.65 -0.54 0.00	39.84 -0.43 0.00	33.87 -0.32 0.00	35.14 -0.18 0.00	35.94 -0.58 0.00	34.01 -1.28 0.00	27.19 -1.21 0.00	31.28 -0.78 0.00	26.31 -0.70 -0.28	34.26 -1.61 -0.07	28.59 -1.46 -0.28	33.92 -1.04 -0.84	45.16 -1.21 -0.48	59.85 -0.91 -0.22	38.19 -1.16 -0.36	35.57 -1.51 -0.15	43.40 -1.32 0.00	48.70 -1.67 -0.85	55.04 -1.36 0.00	48.93 -1.63 0.00
MID___RAQUETTE_HYD 23851	43.01 0.59 0.00	36.20 -0.29 0.00	36.72 -0.46 0.00	37.13 -0.52 0.00	39.76 -0.42 0.00	40.06 -0.22 0.00	34.01 -0.19 0.00	35.21 -0.10 0.00	36.13 -0.38 0.00	34.06 -1.23 0.00	27.12 -1.29 0.00	31.23 -0.82 0.00	26.21 -0.71 -0.20	34.27 -1.58 -0.05	28.55 -1.42 -0.20	33.81 -0.91 -0.59	45.10 -1.12 -0.34	60.11 -0.58 -0.16	38.06 -1.17 -0.26	35.47 -1.56 -0.11	43.38 -1.33 0.00	48.61 -1.51 -0.61	55.44 -0.96 0.00	49.08 -1.48 0.00
MILLIKEN___1 23584	42.77 0.35 0.00	36.85 0.36 0.00	37.58 0.41 0.00	38.03 0.38 0.00	40.65 0.46 0.00	40.85 0.57 0.00	34.66 0.46 0.00	35.69 0.38 0.00	37.06 0.56 0.00	35.81 0.52 0.00	28.76 0.35 0.00	32.35 0.30 0.00	28.83 0.18 -1.93	38.44 0.37 -2.27	48.32 0.22 -18.34	39.82 0.29 -5.41	52.34 0.49 -5.96	125.44 0.55 -64.35	52.28 0.44 -12.86	45.93 0.41 -8.60	45.18 0.44 -0.03	56.94 0.55 -6.87	62.47 0.62 -5.45	51.26 0.70 0.00
MILLIKEN___2 23585	42.77 0.35 0.00	36.85 0.36 0.00	37.58 0.41 0.00	38.03 0.38 0.00	40.65 0.46 0.00	40.85 0.57 0.00	34.66 0.46 0.00	35.69 0.38 0.00	37.06 0.56 0.00	35.81 0.52 0.00	28.76 0.35 0.00	32.35 0.30 0.00	28.83 0.18 -1.93	38.44 0.37 -2.27	48.32 0.22 -18.34	39.82 0.29 -5.41	52.34 0.49 -5.96	125.44 0.55 -64.35	52.28 0.44 -12.86	45.93 0.41 -8.60	45.18 0.44 -0.03	56.94 0.55 -6.87	62.47 0.62 -5.45	51.26 0.70 0.00
MILLIKEN___DIESEL 23629	42.77 0.35 0.00	36.85 0.36 0.00	37.58 0.41 0.00	38.03 0.38 0.00	40.65 0.46 0.00	40.85 0.57 0.00	34.66 0.46 0.00	35.69 0.38 0.00	37.06 0.56 0.00	35.81 0.52 0.00	28.76 0.35 0.00	32.35 0.30 0.00	28.83 0.18 -1.93	38.44 0.37 -2.27	48.32 0.22 -18.34	39.82 0.29 -5.41	52.34 0.49 -5.96	125.44 0.55 -64.35	52.28 0.44 -12.86	45.93 0.41 -8.60	45.18 0.44 -0.03	56.94 0.55 -6.87	62.47 0.62 -5.45	51.26 0.70 0.00
MILLSEAT___LFGE 323607	40.90 -1.45 0.07	35.71 -0.77 0.00	36.37 -0.81 0.00	36.89 -0.76 0.00	39.27 -0.92 0.00	39.66 -0.62 0.00	33.37 -0.79 0.02	33.65 -1.48 0.19	35.31 -1.20 0.00	34.08 -1.19 0.02	26.69 -1.72 0.00	29.90 -2.16 0.00	25.60 -2.16 -1.04	28.53 -2.69 4.58	22.65 -2.26 4.85	34.35 -2.76 -2.98	38.62 -3.51 3.75	34.84 -4.08 21.62	27.61 -2.81 8.55	29.09 -2.65 5.19	41.48 -3.24 -0.02	48.88 -3.76 -3.12	51.45 -3.05 1.90	48.47 -2.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.16 1.74 0.00	37.90 1.41 0.00	38.57 1.39 0.00	39.08 1.43 0.00	41.67 1.49 0.00	41.75 1.47 0.00	35.63 1.44 0.00	37.06 1.75 0.00	38.41 1.90 0.00	37.34 2.05 0.00	30.12 1.72 0.00	33.93 1.88 0.00	38.07 1.63 -9.72	40.59 2.33 -2.47	41.30 1.90 -9.64	64.59 2.00 -28.46	65.15 2.84 -16.43	71.93 3.85 -7.55	53.83 2.50 -12.35	44.44 2.33 -5.18	47.41 2.56 -0.14	81.13 2.58 -29.03	59.18 2.78 0.00	52.96 2.39 0.00
MILLWOOD_13_KV_LOAD 356217	44.21 1.79 0.00	37.95 1.46 0.00	38.63 1.45 0.00	39.13 1.48 0.00	41.72 1.54 0.00	41.80 1.53 0.00	35.68 1.49 0.00	37.12 1.81 0.00	38.48 1.97 0.00	37.41 2.11 0.00	30.17 1.77 0.00	33.97 1.92 0.00	38.11 1.67 -9.72	40.66 2.39 -2.47	41.34 1.94 -9.64	64.63 2.04 -28.46	65.24 2.92 -16.43	72.04 3.95 -7.55	53.89 2.57 -12.35	44.50 2.39 -5.18	47.49 2.64 -0.14	81.20 2.65 -29.03	59.27 2.87 0.00	53.03 2.47 0.00
MODEL_CITY_ENERGY 24167	39.77 -2.57 0.08	34.81 -1.68 0.00	35.46 -1.72 0.00	35.97 -1.67 0.00	38.26 -1.92 0.00	38.62 -1.65 0.00	32.42 -1.75 0.02	32.49 -2.60 0.22	34.15 -2.35 0.00	32.97 -2.31 0.03	25.88 -2.52 0.00	28.94 -3.11 0.00	24.77 -3.00 -1.04	26.29 -3.65 5.86	21.04 -3.13 5.59	33.19 -3.98 -3.05	35.55 -5.33 5.00	29.74 -6.40 24.40	23.92 -4.30 10.75	26.48 -4.07 6.38	39.69 -5.03 -0.02	47.04 -5.72 -3.24	49.31 -5.00 2.09	46.83 -3.73 0.00
MODERN_LFGE___ 323580	39.77 -2.57 0.08	34.81 -1.68 0.00	35.46 -1.72 0.00	35.97 -1.67 0.00	38.26 -1.92 0.00	38.62 -1.65 0.00	32.42 -1.75 0.02	32.49 -2.60 0.22	34.15 -2.35 0.00	32.97 -2.31 0.03	25.88 -2.52 0.00	28.94 -3.11 0.00	24.77 -3.00 -1.04	26.29 -3.65 5.86	21.04 -3.13 5.59	33.19 -3.98 -3.05	35.55 -5.33 5.00	29.74 -6.40 24.40	23.92 -4.30 10.75	26.48 -4.07 6.38	39.69 -5.03 -0.02	47.04 -5.72 -3.24	49.31 -5.00 2.09	46.83 -3.73 0.00
MOHAWK_PAPER___DRP 24187	43.84 1.41 0.00	37.73 1.25 0.00	38.45 1.27 0.00	38.96 1.31 0.00	41.57 1.39 0.00	41.57 1.29 0.00	35.27 1.09 0.00	36.59 1.28 0.00	37.76 1.25 0.00	36.52 1.23 0.00	29.44 1.03 0.00	33.24 1.19 0.00	39.43 1.02 -11.68	40.13 1.47 -2.85	42.56 1.22 -11.58	69.76 1.43 -34.21	67.52 1.89 -19.74	72.13 2.52 -9.07	55.43 1.61 -14.84	44.67 1.51 -6.23	46.72 1.84 -0.17	86.23 1.82 -34.89	58.26 1.87 0.00	52.15 1.59 0.00
MOHICAN___35_KV_115KV_LD 80490	44.96 2.54 0.00	38.75 2.26 0.00	39.55 2.37 0.00	40.05 2.39 0.00	42.81 2.63 0.00	43.07 2.79 0.00	36.76 2.57 0.00	38.12 2.81 0.00	39.32 2.82 0.00	37.81 2.52 0.00	30.26 1.85 0.00	34.29 2.23 0.00	40.60 1.94 -11.94	41.31 2.60 -2.92	43.85 2.25 -11.84	71.80 2.70 -34.98	69.98 3.91 -20.19	74.84 5.03 -9.27	57.41 3.25 -15.17	46.36 3.07 -6.37	48.44 3.56 -0.18	88.85 3.65 -35.67	60.48 4.08 0.00	54.07 3.51 0.00
MONGAUP___HYD 23641	44.43 2.01 0.00	38.15 1.66 0.00	38.81 1.63 0.00	39.32 1.67 0.00	41.94 1.76 0.00	42.06 1.79 0.00	35.92 1.73 0.00	37.31 1.99 0.00	38.62 2.12 0.00	37.29 1.99 0.00	29.91 1.51 0.00	33.79 1.74 0.00	37.23 1.59 -8.92	40.22 2.34 -2.09	40.58 1.97 -8.84	62.39 2.15 -26.12	64.06 3.10 -15.07	71.73 4.27 -6.92	53.10 2.79 -11.33	44.27 2.59 -4.76	47.80 2.96 -0.13	79.21 3.06 -26.64	59.69 3.29 0.00	53.37 2.80 0.00
MONTAUK___DIESEL 23721	44.21 1.79 0.00	37.91 1.42 0.00	38.36 1.18 0.00	38.88 1.23 0.00	41.38 1.19 0.00	41.91 1.63 0.00	35.78 1.59 0.00	37.60 2.28 0.00	39.22 2.71 0.00	38.77 3.48 0.00	32.04 2.73 -0.91	35.19 3.14 0.00	44.36 2.81 -14.83	70.76 3.82 -31.13	42.94 3.49 -9.69	66.25 3.51 -28.61	67.78 5.39 -16.51	75.59 7.47 -7.58	54.98 3.60 -12.41	45.80 3.67 -5.21	48.75 3.90 -0.14	82.13 3.43 -29.18	60.43 4.03 0.00	53.14 2.57 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.30 -1.12 0.00	36.38 -0.11 0.00	37.21 0.03 0.00	37.76 0.11 0.00	39.57 -0.62 0.00	40.13 -0.14 0.00	34.08 -0.11 0.00	34.51 -0.81 0.00	35.89 -0.61 0.00	34.64 -0.65 0.00	27.25 -1.15 0.00	30.44 -1.62 0.00	26.03 -1.91 -1.21	27.09 -2.73 5.97	20.54 -2.38 6.85	35.68 -2.86 -4.42	38.53 -3.91 3.44	26.02 -4.70 29.82	24.53 -2.99 11.46	27.53 -2.43 6.97	41.46 -3.27 -0.02	50.03 -3.44 -3.95	51.44 -2.72 2.24	48.83 -1.73 0.00

MORRIS_RIDGE___SOLAR 323848	40.92 -1.50 0.00	35.50 -0.99 0.00	36.21 -0.97 0.00	36.76 -0.89 0.00	39.24 -0.94 0.00	39.64 -0.64 0.00	33.37 -0.82 0.00	34.05 -1.27 0.00	35.65 -0.86 0.00	34.40 -0.89 0.00	27.19 -1.22 0.00	30.17 -1.89 0.00	24.85 -2.00 -0.13	-2.15 -2.57 35.39	9.75 -2.31 17.70	36.95 -2.42 -5.25	13.95 -3.34 28.59	-11.90 -4.57 67.87	-24.11 -2.93 60.17	1.78 -2.79 32.35	41.34 -3.40 -0.03	50.39 -3.67 -4.54	49.69 -3.44 3.27	48.02 -2.54 0.00
MORTIMER_115KV_TB3 55949	41.03 -1.39 0.00	35.59 -0.89 0.00	36.25 -0.93 0.00	36.73 -0.92 0.00	39.16 -1.03 0.00	39.43 -0.84 0.00	33.28 -0.91 0.00	33.99 -1.33 0.00	35.34 -1.17 0.00	34.18 -1.12 0.00	27.14 -1.26 0.00	30.52 -1.53 0.00	26.29 -1.53 -1.09	34.03 -2.04 -0.27	25.62 -1.69 2.45	35.35 -1.97 -3.19	44.77 -2.68 -1.56	44.48 -3.36 12.69	36.35 -2.34 0.29	33.99 -2.16 0.77	42.21 -2.52 -0.02	49.69 -2.78 -2.96	52.69 -2.51 1.20	48.74 -1.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.43 2.01 0.00	38.15 1.67 0.00	38.81 1.63 0.00	39.31 1.66 0.00	41.91 1.73 0.00	41.97 1.70 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.63 2.13 0.00	37.60 2.31 0.00	30.36 1.96 0.00	34.20 2.14 0.00	38.34 1.85 -9.76	40.91 2.65 -2.47	41.60 2.15 -9.68	64.96 2.23 -28.61	65.55 3.16 -16.51	72.35 4.23 -7.58	54.15 2.77 -12.41	44.71 2.58 -5.21	47.68 2.82 -0.14	81.58 2.89 -29.17	59.54 3.14 0.00	53.24 2.68 0.00
MUNSVILLE_WIND_PWR 323609	44.49 2.05 -0.02	38.38 1.90 0.00	39.40 2.22 0.00	39.70 2.05 0.00	42.73 2.55 0.00	43.10 2.82 0.00	36.67 2.48 -0.01	37.88 2.51 -0.06	39.71 3.20 0.00	38.35 3.05 -0.01	30.76 2.36 0.00	34.52 2.47 0.00	31.57 1.92 -2.93	40.66 2.81 -2.05	44.03 2.21 -12.05	45.60 2.86 -8.62	57.07 4.05 -7.13	102.81 4.97 -37.31	52.31 3.33 -10.01	45.97 3.02 -6.02	48.10 3.36 -0.04	62.45 3.56 -9.38	63.38 3.87 -3.10	54.16 3.60 0.00
N SALMON___HYD 24042	43.41 0.98 0.00	36.50 0.02 0.00	36.93 -0.24 0.00	37.41 -0.24 0.00	40.11 -0.07 0.00	40.46 0.18 0.00	34.31 0.12 0.00	35.55 0.24 0.00	36.52 0.01 0.00	34.47 -0.83 0.00	27.45 -0.95 0.00	31.60 -0.46 0.00	26.41 -0.48 -0.16	34.51 -1.33 -0.04	28.76 -1.17 -0.16	33.90 -0.69 -0.47	45.21 -0.94 -0.27	60.43 -0.24 -0.12	38.09 -1.09 -0.20	35.47 -1.53 -0.08	43.39 -1.32 0.00	48.54 -1.45 -0.48	55.68 -0.72 0.00	49.12 -1.44 0.00
N.AKRON__115KV_KNAPP 355671	40.80 -1.62 0.00	35.59 -0.90 0.00	36.24 -0.94 0.00	36.76 -0.89 0.00	39.12 -1.07 0.00	39.51 -0.77 0.00	33.25 -0.94 0.00	33.65 -1.66 0.00	35.14 -1.37 0.00	33.92 -1.37 0.00	26.58 -1.82 0.00	29.77 -2.29 0.00	25.46 -2.30 -1.04	27.99 -2.85 4.96	22.34 -2.36 5.06	34.87 -3.00 -3.76	39.24 -3.88 2.76	33.60 -4.54 22.39	26.61 -3.17 9.19	28.43 -2.96 5.53	41.13 -3.60 -0.02	48.78 -4.15 -3.42	51.35 -3.40 1.65	48.25 -2.31 0.00
N.BELMOR_69_KV_BK1 55787	44.82 2.40 0.00	38.51 2.02 0.00	39.04 1.86 0.00	39.56 1.91 0.00	42.12 1.93 0.00	42.25 1.97 0.00	36.13 1.94 0.00	37.66 2.35 0.00	39.02 2.51 0.00	38.04 2.75 0.00	31.91 2.24 -1.26	34.39 2.34 0.00	45.58 2.05 -16.81	81.12 2.94 -42.38	41.99 2.54 -9.69	65.35 2.62 -28.61	66.03 3.64 -16.51	73.10 4.98 -7.58	54.43 3.05 -12.41	45.03 2.90 -5.21	48.05 3.20 -0.14	81.95 3.26 -29.18	60.08 3.68 0.00	53.57 3.01 0.00
N.E_GEN_SANDY PD 24062	43.84 1.41 0.00	37.69 1.20 0.00	38.44 1.26 0.00	38.97 1.32 0.00	41.56 1.38 0.00	41.50 1.28 0.05	35.46 1.27 0.00	36.85 1.55 0.00	38.03 1.52 0.00	36.79 1.50 0.00	29.62 1.22 0.00	33.24 1.44 0.25	38.74 1.25 -10.77	40.18 1.72 -2.65	42.02 1.47 -10.79	67.40 1.72 -31.56	68.72 2.35 -20.49	72.26 3.06 -8.66	54.66 1.99 -13.69	44.53 1.87 -5.75	47.20 2.24 -0.25	83.88 2.18 -32.19	58.62 2.22 0.00	49.34 1.93 3.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.10 1.67 0.00	37.84 1.35 0.00	38.51 1.33 0.00	39.03 1.38 0.00	41.61 1.42 0.00	41.68 1.41 0.00	35.60 1.41 0.00	37.01 1.70 0.00	38.37 1.86 0.00	37.29 2.00 0.00	30.08 1.68 0.00	33.86 1.81 0.00	37.77 1.57 -9.48	40.21 2.25 -2.17	40.99 1.82 -9.40	63.81 1.91 -27.77	64.66 2.75 -16.03	71.65 3.75 -7.36	53.48 2.45 -12.05	44.25 2.27 -5.06	47.31 2.46 -0.14	80.33 2.49 -28.32	59.08 2.68 0.00	52.89 2.33 0.00
N.QUEENS_27_KV_LOAD 356247	44.36 1.94 0.00	38.05 1.56 0.00	38.69 1.52 0.00	39.18 1.53 0.00	41.76 1.57 0.00	41.83 1.56 0.00	35.70 1.51 0.00	37.19 1.88 0.00	38.59 2.08 0.00	37.55 2.26 0.00	30.40 1.99 0.00	34.18 2.12 0.00	38.29 1.80 -9.76	40.88 2.61 -2.47	41.58 2.13 -9.68	64.93 2.20 -28.61	65.47 3.08 -16.51	72.35 4.23 -7.58	54.16 2.77 -12.41	44.68 2.55 -5.21	47.60 2.75 -0.14	81.47 2.78 -29.17	59.43 3.03 0.00	53.18 2.62 0.00
N.TROY___115KV_TB1 355778	43.94 1.52 0.00	37.82 1.33 0.00	38.57 1.39 0.00	39.09 1.44 0.00	41.72 1.53 0.00	41.71 1.44 0.00	35.52 1.33 0.00	36.85 1.53 0.00	38.00 1.49 0.00	36.66 1.37 0.00	29.48 1.08 0.00	33.34 1.29 0.00	39.59 1.12 -11.74	40.24 1.57 -2.87	42.78 1.37 -11.64	70.17 1.65 -34.40	67.94 2.21 -19.85	72.54 2.88 -9.12	55.75 1.85 -14.92	44.92 1.74 -6.26	47.02 2.14 -0.17	86.73 2.13 -35.08	58.61 2.21 0.00	52.46 1.90 0.00
NARROWS_GT1_1 24228	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT1_2 24229	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT1_3 24230	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT1_4 24231	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00

NARROWS_GT1_5 24232	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT1_6 24233	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT1_7 24234	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT1_8 24235	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_1 24236	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_2 24237	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_3 24238	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_4 24239	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_5 24240	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_6 24241	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_7 24242	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NARROWS_GT2_8 24243	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.01 0.00	36.08 1.89 0.00	37.47 2.16 0.00	38.87 2.37 0.00	37.83 2.54 0.00	30.54 2.13 0.00	34.39 2.34 0.00	38.48 2.00 -9.76	41.15 2.88 -2.47	41.83 2.39 -9.68	65.21 2.48 -28.61	65.83 3.43 -16.51	72.79 4.66 -7.58	54.46 3.08 -12.41	44.99 2.86 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.89 2.46 0.00	38.65 2.16 0.00	39.39 2.21 0.00	39.91 2.26 0.00	42.63 2.44 0.00	42.69 2.42 0.00	36.19 2.00 0.00	37.55 2.23 0.00	38.64 2.13 0.00	37.06 1.77 0.00	29.83 1.43 0.00	33.65 1.60 0.00	39.34 1.56 -11.05	40.81 2.31 -2.70	42.59 1.86 -10.96	68.76 2.26 -32.38	67.73 3.16 -18.69	73.40 4.28 -8.59	55.70 2.67 -14.05	45.28 2.47 -5.90	47.93 3.06 -0.16	85.60 3.07 -33.02	59.71 3.31 0.00	53.40 2.83 0.00
NCHELSEA_115KV_TR2 355582	44.46 2.04 0.00	38.17 1.68 0.00	38.87 1.69 0.00	39.37 1.73 0.00	41.99 1.80 0.00	42.09 1.82 0.00	35.95 1.76 0.00	37.37 2.06 0.00	38.72 2.22 0.00	37.58 2.29 0.00	30.30 1.89 0.00	34.19 2.14 0.00	38.33 1.84 -9.78	40.78 2.59 -2.39	41.58 2.12 -9.69	65.06 2.30 -28.64	65.70 3.29 -16.53	72.58 4.45 -7.59	54.28 2.88 -12.42	44.83 2.70 -5.21	47.87 3.02 -0.14	81.78 3.06 -29.21	59.69 3.29 0.00	53.41 2.84 0.00
NEG CAPITAL___MECHNVIL 23645	44.48 2.05 0.00	38.28 1.80 0.00	39.02 1.84 0.00	39.53 1.88 0.00	42.23 2.05 0.00	42.32 2.05 0.00	36.07 1.88 0.00	37.41 2.09 0.00	38.62 2.11 0.00	37.21 1.91 0.00	29.85 1.45 0.00	33.76 1.71 0.00	40.08 1.48 -11.87	40.79 2.09 -2.90	43.34 1.80 -11.77	71.06 2.15 -34.78	68.97 3.01 -20.07	73.68 3.93 -9.22	56.58 2.51 -15.09	45.62 2.36 -6.33	47.70 2.82 -0.17	87.88 2.89 -35.47	59.49 3.09 0.00	53.22 2.65 0.00

NEG CENTRAL_HIGH_ACRES 23767	40.53 -1.86 0.03	35.12 -1.37 0.00	35.76 -1.42 0.00	36.24 -1.41 0.00	38.65 -1.54 0.00	38.90 -1.37 0.00	32.86 -1.33 0.01	33.55 -1.68 0.08	34.96 -1.55 0.00	33.79 -1.49 0.01	26.93 -1.47 0.00	30.26 -1.79 0.00	26.12 -1.67 -1.06	33.84 -2.22 -0.26	26.38 -1.86 1.52	34.79 -2.11 -2.77	44.03 -2.85 -1.00	47.81 -3.69 9.04	36.62 -2.48 -0.13	34.17 -2.33 0.42	41.95 -2.77 -0.02	49.30 -3.05 -2.83	52.42 -2.98 1.00	48.22 -2.34 0.00
NEG CENTRAL___DRP 24199	42.04 -0.39 0.00	36.28 -0.20 0.00	36.99 -0.19 0.00	37.44 -0.22 0.00	39.97 -0.21 0.00	40.24 -0.03 0.00	34.08 -0.11 0.00	35.01 -0.30 0.00	36.39 -0.13 0.00	35.14 -0.15 0.00	28.11 -0.30 0.00	31.53 -0.52 0.00	27.52 -0.49 -1.29	37.73 -0.64 -2.58	27.08 -0.64 2.05	36.93 -0.65 -3.46	48.72 -0.81 -3.65	47.65 -1.11 11.77	41.60 -0.74 -3.36	37.34 -0.62 -1.04	43.96 -0.77 -0.02	51.94 -0.78 -3.20	54.38 -0.71 1.31	50.14 -0.42 0.00
NEG CENTRAL___INDECK 23768	42.32 -0.09 0.01	36.66 0.17 0.00	37.35 0.17 0.00	37.90 0.25 0.00	40.47 0.28 0.00	40.86 0.59 0.00	34.54 0.35 0.00	35.26 -0.02 0.04	36.87 0.36 0.00	35.64 0.35 0.00	28.16 -0.24 0.00	31.41 -0.64 0.00	28.37 -1.06 -2.71	59.79 -1.31 -25.30	28.33 -1.09 0.34	37.60 -0.93 -4.41	67.82 -1.20 -23.14	49.06 -1.51 9.96	75.98 -1.05 -38.05	53.93 -1.04 -18.05	43.48 -1.25 -0.02	51.98 -1.40 -3.86	52.44 -0.97 2.99	50.08 -0.49 0.00
NEG CENTRAL___SENECA 23627	42.06 -0.36 0.00	36.34 -0.15 0.00	37.03 -0.15 0.00	37.48 -0.17 0.00	40.02 -0.16 0.00	40.37 0.09 0.00	34.17 -0.02 0.00	35.07 -0.24 0.00	36.53 0.02 0.00	35.26 -0.04 0.00	28.11 -0.29 0.00	31.49 -0.57 0.00	27.64 -0.56 -1.48	39.03 -0.73 -3.96	24.11 -0.74 4.92	37.22 -0.73 -3.83	49.76 -0.88 -4.76	36.08 -1.12 23.34	42.27 -0.81 -4.10	37.22 -0.63 -0.94	43.88 -0.84 -0.02	51.87 -0.95 -3.30	53.16 -0.79 2.45	50.13 -0.43 0.00
NEG CENTRAL___STATE_STREET 24147	42.21 -0.21 0.00	36.40 -0.08 0.00	37.11 -0.07 0.00	37.56 -0.09 0.00	40.12 -0.07 0.00	40.31 0.04 0.00	34.16 -0.03 0.00	35.12 -0.19 0.00	36.44 -0.07 0.00	35.21 -0.08 0.00	28.25 -0.16 0.00	31.77 -0.29 0.00	27.61 -0.27 -1.15	35.79 -0.29 -0.28	32.36 -0.33 -2.92	37.17 -0.34 -3.39	47.59 -0.39 -2.10	67.65 -0.58 -7.69	40.95 -0.33 -2.31	37.93 -0.29 -1.30	44.36 -0.36 -0.02	52.86 -0.26 -3.60	56.77 -0.23 -0.61	50.50 -0.07 0.00
NEG MILLWOOD___DRP 24198	44.60 2.18 0.00	38.28 1.79 0.00	38.97 1.79 0.00	39.48 1.83 0.00	42.10 1.92 0.00	42.21 1.93 0.00	36.05 1.86 0.00	37.49 2.18 0.00	38.86 2.35 0.00	37.76 2.47 0.00	30.43 2.02 0.00	34.31 2.26 0.00	38.53 1.96 -9.85	40.99 2.77 -2.43	41.79 2.26 -9.77	65.42 2.45 -28.85	66.03 3.50 -16.65	72.89 4.71 -7.65	54.55 3.06 -12.51	45.02 2.85 -5.25	48.05 3.19 -0.14	82.19 3.25 -29.42	59.90 3.50 0.00	53.57 3.01 0.00
NEG NORTH_FLCN_SEA 23793	43.50 1.08 0.00	36.64 0.15 0.00	37.03 -0.15 0.00	37.56 -0.09 0.00	40.34 0.15 0.00	40.70 0.43 0.00	34.54 0.35 0.00	35.74 0.42 0.00	36.63 0.13 0.00	34.63 -0.66 0.00	27.49 -0.91 0.00	31.69 -0.37 0.00	26.33 -0.39 0.00	34.51 -1.28 0.00	28.70 -1.06 0.00	33.44 -0.68 0.00	44.83 -1.05 0.00	60.13 -0.41 0.00	37.77 -1.21 0.00	35.21 -1.71 0.00	43.11 -1.59 0.00	47.81 -1.71 0.00	55.71 -0.69 0.00	49.04 -1.52 0.00
NEG NORTH_KES_CHATEGAY 23792	42.99 0.56 0.00	36.14 -0.34 0.00	36.56 -0.62 0.00	37.05 -0.60 0.00	39.73 -0.46 0.00	40.09 -0.18 0.00	33.98 -0.21 0.00	35.17 -0.14 0.00	36.11 -0.40 0.00	34.06 -1.23 0.00	27.12 -1.28 0.00	31.19 -0.86 0.00	25.90 -0.82 0.00	33.97 -1.83 0.00	28.20 -1.57 0.00	32.95 -1.17 0.00	44.25 -1.63 0.00	59.30 -1.24 0.00	37.26 -1.72 0.00	34.79 -2.13 0.00	42.65 -2.05 0.00	47.29 -2.23 0.00	54.90 -1.50 0.00	48.38 -2.19 0.00
NEG NORTH___ALICE_FALLS 23915	43.69 1.26 0.00	36.78 0.29 0.00	37.14 -0.04 0.00	37.68 0.03 0.00	40.47 0.28 0.00	40.84 0.57 0.00	34.66 0.47 0.00	35.86 0.55 0.00	36.78 0.27 0.00	34.78 -0.51 0.00	27.64 -0.76 0.00	31.84 -0.21 0.00	26.45 -0.27 0.00	34.69 -1.11 0.00	28.83 -0.93 0.00	33.60 -0.52 0.00	45.09 -0.79 0.00	60.49 -0.05 0.00	38.01 -0.97 0.00	35.43 -1.49 0.00	43.38 -1.32 0.00	48.08 -1.43 0.00	55.97 -0.42 0.00	49.28 -1.28 0.00
NEG NORTH___LWR_SARANAC 23913	43.69 1.26 0.00	36.78 0.29 0.00	37.14 -0.04 0.00	37.68 0.03 0.00	40.47 0.28 0.00	40.84 0.57 0.00	34.66 0.47 0.00	35.86 0.55 0.00	36.78 0.27 0.00	34.78 -0.51 0.00	27.64 -0.76 0.00	31.84 -0.21 0.00	26.45 -0.27 0.00	34.69 -1.11 0.00	28.83 -0.93 0.00	33.60 -0.52 0.00	45.09 -0.79 0.00	60.49 -0.05 0.00	38.01 -0.97 0.00	35.43 -1.49 0.00	43.38 -1.32 0.00	48.08 -1.43 0.00	55.97 -0.42 0.00	49.28 -1.28 0.00
NEG NORTH___PLATTSBURG 23628	43.69 1.27 0.00	36.78 0.29 0.00	37.14 -0.03 0.00	37.68 0.03 0.00	40.47 0.28 0.00	40.84 0.57 0.00	34.66 0.47 0.00	35.87 0.56 0.00	36.78 0.28 0.00	34.78 -0.51 0.00	27.64 -0.76 0.00	31.87 -0.19 0.00	26.45 -0.27 0.00	34.69 -1.11 0.00	28.85 -0.92 0.00	33.60 -0.53 0.00	45.08 -0.81 0.00	60.55 0.02 0.00	38.01 -0.97 0.00	35.43 -1.49 0.00	43.38 -1.32 0.00	48.08 -1.43 0.00	55.98 -0.42 0.00	49.28 -1.28 0.00
NEG WEST_LEA_LOCKPORT 23791	40.20 -2.23 0.00	35.10 -1.38 0.00	35.76 -1.42 0.00	36.28 -1.37 0.00	38.59 -1.60 0.00	38.96 -1.31 0.00	32.74 -1.45 0.00	33.07 -2.24 0.00	34.55 -1.97 0.00	33.36 -1.93 0.00	26.19 -2.22 0.00	29.30 -2.76 0.00	25.02 -2.73 -1.03	26.44 -3.41 5.95	21.32 -2.89 5.56	34.35 -3.63 -3.86	37.43 -4.87 3.59	30.38 -5.87 24.28	24.05 -4.03 10.89	26.72 -3.76 6.44	40.19 -4.54 -0.02	47.86 -5.16 -3.50	50.23 -4.43 1.74	47.40 -3.16 0.00
NEG WEST___LANCASTER 23811	41.75 -0.67 0.00	36.31 -0.17 0.00	37.04 -0.13 0.00	37.58 -0.07 0.00	39.99 -0.20 0.00	40.22 -0.06 0.00	33.94 -0.25 0.00	34.42 -0.89 0.00	35.94 -0.57 0.00	34.78 -0.51 0.00	27.51 -0.89 0.00	30.90 -1.15 0.00	26.52 -1.42 -1.22	28.18 -1.49 6.13	21.71 -1.40 6.65	36.76 -1.82 -4.46	39.91 -2.43 3.54	28.70 -2.77 29.07	25.46 -1.92 11.59	28.11 -1.81 7.00	42.49 -2.24 -0.02	50.99 -2.54 -4.01	52.74 -1.50 2.17	49.89 -0.67 0.00
NEG_PENN_ALLEGHNY 23528	42.39 -0.06 -0.03	36.50 0.02 0.00	37.23 0.06 0.00	37.65 0.00 0.00	40.23 0.04 0.00	40.43 0.15 0.00	34.32 0.12 -0.01	35.43 0.03 -0.09	36.74 0.23 0.00	35.53 0.23 -0.01	28.51 0.11 0.00	32.09 0.04 0.00	29.69 -0.03 -3.00	36.65 0.12 -0.73	32.68 -0.06 -2.98	43.21 -0.05 -9.13	51.57 0.00 -5.68	62.62 -0.25 -2.33	42.78 -0.01 -3.81	38.50 -0.02 -1.60	44.68 -0.07 -0.04	58.53 -0.06 -9.08	56.46 -0.07 -0.13	50.68 0.12 0.00
NEG___GEN_MONROE 24207	41.26 -1.17 0.00	35.82 -0.67 0.00	36.58 -0.59 0.00	37.05 -0.60 0.00	39.42 -0.76 0.00	39.74 -0.53 0.00	33.56 -0.63 0.00	34.18 -1.13 0.00	35.56 -0.95 0.00	34.38 -0.91 0.00	27.22 -1.18 0.00	30.60 -1.45 0.00	26.26 -1.51 -1.05	32.91 -1.98 0.91	25.28 -1.66 2.83	35.44 -1.90 -3.22	43.96 -2.48 -0.55	43.54 -3.01 13.99	34.64 -2.12 2.22	33.21 -1.95 1.77	42.42 -2.30 -0.02	49.91 -2.59 -2.98	52.99 -2.20 1.22	49.06 -1.50 0.00

NEPA__ENERGY 23901	40.88 -1.54 0.00	35.80 -0.68 0.00	36.57 -0.61 0.00	37.09 -0.56 0.00	39.22 -0.96 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	33.91 -1.41 0.00	35.41 -1.10 0.00	34.14 -1.15 0.00	26.90 -1.51 0.00	30.13 -1.92 0.00	25.71 -2.08 -1.06	24.90 -2.72 8.18	20.33 -2.37 7.07	35.45 -2.92 -4.26	36.58 -3.92 5.38	25.64 -4.74 30.16	20.94 -3.18 14.86	25.46 -2.82 8.64	41.25 -3.48 -0.02	49.44 -3.89 -3.82	51.19 -3.12 2.09	48.45 -2.12 0.00
NEVERSink__HYD 23608	44.20 1.78 0.00	37.94 1.46 0.00	38.63 1.45 0.00	39.13 1.48 0.00	41.75 1.56 0.00	41.90 1.62 0.00	35.78 1.59 0.00	37.17 1.86 0.00	38.53 2.02 0.00	37.31 2.02 0.00	30.08 1.68 0.00	33.99 1.93 0.00	36.89 1.61 -8.56	40.16 2.30 -2.07	40.12 1.87 -8.48	61.23 2.04 -25.06	63.29 2.94 -14.46	71.17 3.99 -6.64	52.44 2.59 -10.87	43.90 2.41 -4.56	47.53 2.70 -0.13	77.82 2.75 -25.56	59.39 2.99 0.00	53.18 2.62 0.00
NEWKRMKL_115KV_TB1 55635	43.66 1.23 0.00	37.56 1.08 0.00	38.29 1.11 0.00	38.79 1.15 0.00	41.40 1.21 0.00	41.37 1.09 0.00	35.03 0.84 0.00	36.32 1.01 0.00	37.49 0.98 0.00	36.31 1.02 0.00	29.30 0.89 0.00	33.06 1.01 0.00	39.25 0.87 -11.66	39.90 1.25 -2.85	42.30 0.97 -11.56	69.44 1.16 -34.15	67.15 1.55 -19.71	71.65 2.06 -9.05	55.11 1.32 -14.81	44.36 1.22 -6.22	46.36 1.48 -0.17	85.77 1.42 -34.83	57.83 1.43 0.00	51.76 1.19 0.00
NEWTON__FALLS_HYD 23847	42.59 0.16 0.00	35.99 -0.50 0.00	36.75 -0.42 0.00	37.10 -0.55 0.00	39.65 -0.54 0.00	39.84 -0.43 0.00	33.87 -0.32 0.00	35.14 -0.18 0.00	35.94 -0.58 0.00	34.01 -1.28 0.00	27.19 -1.21 0.00	31.28 -0.78 0.00	26.31 -0.70 -0.28	34.26 -1.61 -0.07	28.59 -1.46 -0.28	33.92 -1.04 -0.84	45.16 -1.21 -0.48	59.85 -0.91 -0.22	38.19 -1.16 -0.36	35.57 -1.51 -0.15	43.40 -1.32 0.00	48.70 -1.67 -0.85	55.04 -1.36 0.00	48.93 -1.63 0.00
NGRID_A1_DSASP 323792	39.40 -2.94 0.08	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.98 0.00	32.11 -2.06 0.03	32.26 -2.82 0.23	33.95 -2.56 0.00	32.78 -2.49 0.03	25.77 -2.63 0.00	28.83 -3.22 0.00	24.68 -3.09 -1.05	25.68 -4.10 6.01	20.70 -3.40 5.67	33.02 -4.14 -3.04	34.95 -5.73 5.20	28.46 -7.27 24.81	22.99 -4.95 11.03	25.79 -4.59 6.54	39.39 -5.34 -0.02	46.71 -6.05 -3.25	48.84 -5.43 2.13	46.70 -3.87 0.00
NGRID_A2_DSASP 323793	39.40 -2.94 0.08	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.98 0.00	32.11 -2.06 0.03	32.26 -2.82 0.23	33.95 -2.56 0.00	32.78 -2.49 0.03	25.77 -2.63 0.00	28.83 -3.22 0.00	24.68 -3.09 -1.05	25.68 -4.10 6.01	20.70 -3.40 5.67	33.02 -4.14 -3.04	34.95 -5.73 5.20	28.46 -7.27 24.81	22.99 -4.95 11.03	25.79 -4.59 6.54	39.39 -5.34 -0.02	46.71 -6.05 -3.25	48.84 -5.43 2.13	46.70 -3.87 0.00
NGRID_A4_DSASP 323807	39.40 -2.94 0.08	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.98 0.00	32.11 -2.06 0.03	32.26 -2.82 0.23	33.95 -2.56 0.00	32.78 -2.49 0.03	25.77 -2.63 0.00	28.83 -3.22 0.00	24.68 -3.09 -1.05	25.68 -4.10 6.01	20.70 -3.40 5.67	33.02 -4.14 -3.04	34.95 -5.73 5.20	28.46 -7.27 24.81	22.99 -4.95 11.03	25.79 -4.59 6.54	39.39 -5.34 -0.02	46.71 -6.05 -3.25	48.84 -5.43 2.13	46.70 -3.87 0.00
NIAGARA_115E_LBMP 323715	39.55 -2.79 0.08	34.64 -1.85 0.00	35.28 -1.90 0.00	35.80 -1.85 0.00	38.06 -2.12 0.00	38.42 -1.86 0.00	32.24 -1.92 0.02	32.26 -2.83 0.22	33.92 -2.59 0.00	32.73 -2.54 0.03	25.70 -2.70 0.00	28.74 -3.31 0.00	24.60 -3.18 -1.05	25.95 -3.83 6.02	20.77 -3.29 5.70	32.97 -4.22 -3.06	35.06 -5.65 5.17	28.96 -6.78 24.80	23.39 -4.55 11.04	26.09 -4.30 6.53	39.36 -5.36 -0.02	46.70 -6.08 -3.26	48.91 -5.36 2.13	46.52 -4.05 0.00
NIAGARA_115W_LBMP 323714	39.32 -3.02 0.08	34.46 -2.03 0.00	35.09 -2.09 0.00	35.58 -2.07 0.00	37.83 -2.35 0.00	38.21 -2.06 0.00	32.04 -2.13 0.03	32.19 -2.89 0.23	33.88 -2.63 0.00	32.71 -2.55 0.03	25.72 -2.69 0.00	28.77 -3.28 0.00	24.64 -3.13 -1.05	25.65 -4.17 5.98	20.67 -3.45 5.65	32.95 -4.20 -3.03	34.90 -5.82 5.17	28.42 -7.39 24.72	22.98 -5.03 10.97	25.75 -4.67 6.51	39.30 -5.42 -0.02	46.61 -6.14 -3.24	48.75 -5.52 2.13	46.62 -3.94 0.00
NIAGARA_230_LBMP 323716	39.67 -2.67 0.08	34.73 -1.76 0.00	35.38 -1.80 0.00	35.87 -1.78 0.00	38.14 -2.04 0.00	38.50 -1.77 0.00	32.32 -1.84 0.02	32.48 -2.60 0.23	34.17 -2.34 0.00	33.00 -2.27 0.03	25.99 -2.41 0.00	29.11 -2.94 0.00	24.92 -2.84 -1.04	26.40 -3.72 5.68	21.15 -3.16 5.45	33.30 -3.81 -2.99	35.68 -5.27 4.93	29.88 -6.67 23.99	24.01 -4.52 10.45	26.49 -4.21 6.22	39.78 -4.95 -0.02	47.15 -5.57 -3.20	49.28 -5.03 2.08	46.85 -3.72 0.00
NIAGARA__115KV_198_GIBSON 55903	39.41 -3.02 0.00	34.46 -2.03 0.00	35.09 -2.09 0.00	35.58 -2.07 0.00	37.83 -2.35 0.00	38.21 -2.06 0.00	32.07 -2.13 0.00	32.42 -2.89 0.00	33.88 -2.63 0.00	32.74 -2.56 0.00	25.72 -2.69 0.00	28.79 -3.27 0.00	24.61 -3.15 -1.05	25.63 -4.19 5.98	20.68 -3.44 5.65	33.80 -4.24 -3.92	36.45 -5.84 3.59	28.46 -7.36 24.72	22.94 -5.06 10.97	25.74 -4.68 6.51	39.31 -5.42 -0.02	46.92 -6.15 -3.55	49.12 -5.50 1.78	46.69 -3.87 0.00
NIAGARA____ 23760	39.67 -2.67 0.08	34.73 -1.76 0.00	35.38 -1.80 0.00	35.87 -1.78 0.00	38.14 -2.04 0.00	38.50 -1.77 0.00	32.32 -1.84 0.02	32.48 -2.60 0.23	34.17 -2.34 0.00	33.00 -2.27 0.03	25.99 -2.41 0.00	29.11 -2.94 0.00	24.93 -2.84 -1.05	26.31 -3.72 5.77	21.11 -3.16 5.50	33.33 -3.81 -3.02	35.60 -5.27 5.01	29.65 -6.67 24.22	23.84 -4.52 10.62	26.40 -4.21 6.31	39.78 -4.95 -0.02	47.18 -5.57 -3.23	49.27 -5.03 2.09	46.85 -3.72 0.00
NINE_MILE_1 23575	41.11 -1.31 0.00	35.42 -1.07 0.00	36.09 -1.09 0.00	36.54 -1.11 0.00	39.01 -1.18 0.00	39.11 -1.17 0.00	33.11 -1.08 0.00	34.04 -1.27 0.00	35.20 -1.31 0.00	34.04 -1.25 0.00	27.42 -0.98 0.00	30.90 -1.15 0.00	26.31 -0.98 -0.56	34.57 -1.37 -0.14	29.21 -1.11 -0.56	34.46 -1.31 -1.65	45.02 -1.81 -0.95	58.53 -2.44 -0.44	38.14 -1.55 -0.72	35.80 -1.42 -0.30	43.02 -1.69 -0.01	49.55 -1.64 -1.68	54.60 -1.80 0.00	49.02 -1.54 0.00
NINE_MILE_2 23744	41.11 -1.31 0.00	35.42 -1.07 0.00	36.09 -1.09 0.00	36.55 -1.11 0.00	39.01 -1.17 0.00	39.11 -1.16 0.00	33.11 -1.08 0.00	34.04 -1.27 0.00	35.20 -1.30 0.00	34.04 -1.25 0.00	27.42 -0.98 0.00	30.91 -1.15 0.00	26.31 -0.98 -0.56	34.57 -1.37 -0.14	29.21 -1.11 -0.56	34.46 -1.31 -1.64	45.02 -1.81 -0.95	58.53 -2.44 -0.43	38.14 -1.55 -0.72	35.80 -1.42 -0.30	43.03 -1.69 -0.01	49.55 -1.64 -1.68	54.61 -1.79 0.00	49.02 -1.54 0.00
NM_CAPITAL__DRP 24208	43.65 1.23 0.00	37.56 1.08 0.00	38.29 1.11 0.00	38.80 1.16 0.00	41.41 1.22 0.00	41.37 1.09 0.00	35.06 0.87 0.00	36.36 1.05 0.00	37.51 1.01 0.00	36.33 1.04 0.00	29.31 0.90 0.00	33.09 1.03 0.00	39.24 0.89 -11.63	39.91 1.27 -2.84	42.31 1.01 -11.53	69.39 1.19 -34.07	67.12 1.58 -19.66	71.65 2.09 -9.03	55.09 1.34 -14.78	44.38 1.26 -6.20	46.41 1.53 -0.17	85.73 1.47 -34.74	57.88 1.48 0.00	51.81 1.25 0.00

NM_CENTRAL___DRP 24181	41.83 -0.60 0.00	36.05 -0.44 0.00	36.74 -0.44 0.00	37.20 -0.45 0.00	39.71 -0.47 0.00	39.86 -0.42 0.00	33.76 -0.43 0.00	34.73 -0.58 0.00	35.97 -0.54 0.00	34.77 -0.53 0.00	27.98 -0.42 0.00	31.53 -0.52 0.00	27.05 -0.48 -0.81	35.35 -0.65 -0.20	30.03 -0.53 -0.80	35.85 -0.64 -2.37	46.38 -0.87 -1.37	59.94 -1.23 -0.63	39.25 -0.75 -1.03	36.67 -0.68 -0.43	43.90 -0.81 -0.01	51.19 -0.74 -2.42	55.61 -0.79 0.00	49.96 -0.60 0.00
NM_FRONTIER___DRP 24179	39.41 -3.02 0.00	34.46 -2.03 0.00	35.09 -2.09 0.00	35.58 -2.07 0.00	37.83 -2.35 0.00	38.21 -2.06 0.00	32.07 -2.13 0.00	32.42 -2.89 0.00	33.88 -2.63 0.00	32.74 -2.56 0.00	25.72 -2.69 0.00	28.79 -3.27 0.00	24.61 -3.15 -1.05	25.63 -4.19 5.98	20.68 -3.44 5.65	33.80 -4.24 -3.92	36.45 -5.84 3.59	28.46 -7.36 24.72	22.94 -5.06 10.97	25.74 -4.68 6.51	39.31 -5.42 -0.02	46.92 -6.15 -3.55	49.12 -5.50 1.78	46.69 -3.87 0.00
NM_ST_REGIS___HYD 24053	43.15 0.72 0.00	36.29 -0.19 0.00	36.79 -0.39 0.00	37.21 -0.43 0.00	39.87 -0.31 0.00	40.19 -0.09 0.00	34.11 -0.08 0.00	35.32 0.01 0.00	36.26 -0.25 0.00	34.18 -1.12 0.00	27.22 -1.19 0.00	31.33 -0.72 0.00	26.28 -0.64 -0.19	34.34 -1.51 -0.05	28.61 -1.35 -0.19	33.85 -0.84 -0.57	45.15 -1.06 -0.33	60.20 -0.49 -0.15	38.09 -1.14 -0.25	35.47 -1.55 -0.10	43.39 -1.32 0.00	48.61 -1.49 -0.58	55.52 -0.88 0.00	49.09 -1.47 0.00
NORTHPORT___1 23551	44.98 2.56 0.00	38.72 2.24 0.00	39.16 1.98 0.00	39.70 2.05 0.00	42.20 2.01 0.00	42.28 2.00 0.00	36.21 2.02 0.00	37.81 2.50 0.00	39.09 2.59 0.00	38.22 2.92 0.00	31.69 2.39 -0.89	34.51 2.46 0.00	43.59 2.12 -14.75	69.68 3.16 -30.72	42.17 2.73 -9.69	65.48 2.75 -28.61	66.18 3.78 -16.51	73.33 5.20 -7.58	54.42 3.03 -12.41	45.06 2.93 -5.21	48.12 3.27 -0.14	82.07 3.37 -29.18	60.23 3.83 0.00	53.68 3.11 0.00
NORTHPORT___2 23552	44.98 2.56 0.00	38.72 2.24 0.00	39.16 1.98 0.00	39.70 2.05 0.00	42.20 2.01 0.00	42.28 2.00 0.00	36.21 2.02 0.00	37.81 2.50 0.00	39.09 2.59 0.00	38.22 2.92 0.00	31.69 2.39 -0.89	34.51 2.46 0.00	43.59 2.12 -14.75	69.68 3.16 -30.72	42.17 2.73 -9.69	65.48 2.75 -28.61	66.18 3.78 -16.51	73.33 5.20 -7.58	54.42 3.03 -12.41	45.06 2.93 -5.21	48.12 3.27 -0.14	82.07 3.37 -29.18	60.23 3.83 0.00	53.68 3.11 0.00
NORTHPORT___3 23553	44.46 2.04 0.00	38.25 1.76 0.00	38.73 1.56 0.00	39.25 1.60 0.00	41.74 1.56 0.00	41.85 1.57 0.00	35.82 1.62 0.00	37.38 2.06 0.00	38.68 2.17 0.00	37.78 2.48 0.00	31.35 2.04 -0.90	34.13 2.07 0.00	43.34 1.82 -14.80	69.50 2.72 -30.98	41.79 2.34 -9.69	65.11 2.37 -28.61	65.69 3.30 -16.51	72.67 4.55 -7.58	54.06 2.67 -12.41	44.69 2.56 -5.21	47.68 2.83 -0.14	81.54 2.85 -29.18	59.57 3.17 0.00	53.09 2.53 0.00
NORTHPORT___4 23650	44.46 2.04 0.00	38.25 1.76 0.00	38.73 1.56 0.00	39.25 1.60 0.00	41.74 1.56 0.00	41.85 1.57 0.00	35.82 1.62 0.00	37.38 2.06 0.00	38.68 2.17 0.00	37.78 2.48 0.00	31.35 2.04 -0.90	34.13 2.07 0.00	43.34 1.82 -14.80	69.50 2.72 -30.98	41.79 2.34 -9.69	65.11 2.37 -28.61	65.69 3.30 -16.51	72.67 4.55 -7.58	54.06 2.67 -12.41	44.69 2.56 -5.21	47.68 2.83 -0.14	81.54 2.85 -29.18	59.57 3.17 0.00	53.09 2.53 0.00
NORTHPORT___IC 23718	44.98 2.56 0.00	38.72 2.24 0.00	39.16 1.98 0.00	39.70 2.05 0.00	42.20 2.02 0.00	42.28 2.01 0.00	36.21 2.02 0.00	37.82 2.50 0.00	39.10 2.59 0.00	38.23 2.93 0.00	31.69 2.39 -0.89	34.51 2.46 0.00	43.60 2.12 -14.75	69.67 3.16 -30.72	42.17 2.72 -9.69	65.47 2.74 -28.61	66.18 3.78 -16.51	73.34 5.22 -7.58	54.42 3.03 -12.41	45.05 2.92 -5.21	48.12 3.27 -0.14	82.06 3.37 -29.18	60.21 3.81 0.00	53.67 3.10 0.00
NORTH___COUNTRY_ESR 323785	42.87 0.45 0.00	36.05 -0.44 0.00	36.45 -0.73 0.00	36.95 -0.70 0.00	39.63 -0.56 0.00	39.99 -0.29 0.00	33.89 -0.30 0.00	35.08 -0.23 0.00	36.00 -0.51 0.00	33.94 -1.35 0.00	27.03 -1.37 0.00	31.14 -0.91 0.00	25.85 -0.87 0.00	33.92 -1.88 0.00	28.16 -1.60 0.00	32.87 -1.25 0.00	44.09 -1.79 0.00	59.15 -1.39 0.00	37.10 -1.88 0.00	34.64 -2.28 0.00	42.50 -2.21 0.00	47.08 -2.43 0.00	54.67 -1.73 0.00	48.21 -2.35 0.00
NPX_GEN_1385_PROXY 323591	45.09 2.67 0.00	39.36 2.88 0.00	39.33 2.15 0.00	40.04 2.39 0.00	42.20 2.01 0.00	42.29 2.02 0.00	36.54 2.35 0.00	38.38 3.07 0.00	39.31 2.80 0.00	38.38 3.08 0.00	31.56 2.26 -0.89	34.34 2.29 0.00	43.35 1.88 -14.75	69.50 2.98 -30.72	42.14 2.69 -9.69	65.55 2.82 -28.61	66.17 3.77 -16.51	74.01 5.88 -7.58	54.39 3.00 -12.41	45.15 3.02 -5.21	48.20 3.35 -0.14	82.47 3.77 -29.18	60.34 3.94 0.00	53.98 3.42 0.00
NPX_GEN_CSC 323557	45.18 2.76 0.00	38.79 2.31 0.00	39.27 2.09 0.00	39.79 2.15 0.00	42.34 2.15 0.00	42.56 2.29 0.00	36.47 2.27 0.00	38.10 2.78 0.00	39.45 2.93 0.00	38.64 3.34 0.00	31.99 2.68 -0.91	34.77 2.71 0.00	43.90 2.36 -14.82	70.46 3.53 -31.12	42.41 2.96 -9.69	65.71 2.98 -28.61	66.43 4.04 -16.51	73.50 5.38 -7.58	54.43 3.04 -12.41	45.23 3.09 -5.21	48.26 3.41 -0.14	82.02 3.32 -29.18	60.18 3.78 0.00	53.19 2.63 0.00
NSINS_S___GLNS_FALLS 23858	44.92 2.50 0.00	38.71 2.22 0.00	39.50 2.32 0.00	40.00 2.35 0.00	42.75 2.57 0.00	43.00 2.73 0.00	36.70 2.51 0.00	38.06 2.75 0.00	39.26 2.75 0.00	37.76 2.47 0.00	30.24 1.84 0.00	34.26 2.20 0.00	40.58 1.91 -11.95	41.26 2.54 -2.92	43.81 2.19 -11.85	71.76 2.63 -35.00	69.91 3.82 -20.20	74.75 4.94 -9.28	57.35 3.19 -15.18	46.30 3.00 -6.37	48.36 3.48 -0.18	88.79 3.58 -35.70	60.40 4.00 0.00	54.00 3.44 0.00
NUCOR_STEEL___DRP 24197	42.17 -0.25 0.00	36.35 -0.14 0.00	37.06 -0.11 0.00	37.52 -0.13 0.00	40.07 -0.12 0.00	40.25 -0.03 0.00	34.10 -0.09 0.00	35.07 -0.24 0.00	36.38 -0.14 0.00	35.15 -0.14 0.00	28.22 -0.19 0.00	31.74 -0.31 0.00	27.54 -0.29 -1.11	35.75 -0.32 -0.27	32.62 -0.35 -3.20	37.00 -0.37 -3.24	47.48 -0.44 -2.04	68.80 -0.64 -8.91	41.02 -0.37 -2.40	37.99 -0.33 -1.40	44.32 -0.40 -0.02	52.70 -0.30 -3.48	56.85 -0.27 -0.72	50.45 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	42.61 0.19 0.00	36.16 -0.33 0.00	37.23 0.05 0.00	37.51 -0.13 0.00	40.02 -0.17 0.00	40.18 -0.10 0.00	34.22 0.03 0.00	35.53 0.23 0.00	36.15 -0.36 0.00	34.36 -0.94 0.00	27.59 -0.82 0.00	31.72 -0.33 0.00	26.70 -0.37 -0.34	34.53 -1.35 -0.08	28.88 -1.22 -0.34	34.35 -0.78 -1.00	45.82 -0.64 -0.58	60.45 -0.36 -0.27	38.79 -0.62 -0.44	36.12 -0.99 -0.18	44.00 -0.71 0.00	49.35 -1.19 -1.02	55.40 -1.00 0.00	49.45 -1.12 0.00
NYISO_LBMP_REFERENCE 24008	42.42 0.00 0.00	36.49 0.00 0.00	37.18 0.00 0.00	37.65 0.00 0.00	40.19 0.00 0.00	40.27 0.00 0.00	34.19 0.00 0.00	35.31 0.00 0.00	36.51 0.00 0.00	35.29 0.00 0.00	28.40 0.00 0.00	32.05 0.00 0.00	26.72 0.00 0.00	35.80 0.00 0.00	29.76 0.00 0.00	34.12 0.00 0.00	45.88 0.00 0.00	60.54 0.00 0.00	38.98 0.00 0.00	36.92 0.00 0.00	44.71 0.00 0.00	49.52 0.00 0.00	56.40 0.00 0.00	50.56 0.00 0.00

NYPA_BRENTWD____GT 24164	45.28 2.85 0.00	38.91 2.43 0.00	39.40 2.22 0.00	39.93 2.28 0.00	42.48 2.30 0.00	42.62 2.34 0.00	36.50 2.31 0.00	38.12 2.81 0.00	39.43 2.92 0.00	38.54 3.25 0.00	31.94 2.61 -0.92	34.71 2.66 0.00	43.93 2.30 -14.91	70.88 3.48 -31.60	42.43 2.98 -9.69	65.80 3.06 -28.61	66.68 4.29 -16.51	73.98 5.86 -7.58	54.88 3.50 -12.41	45.48 3.35 -5.21	48.60 3.75 -0.14	82.54 3.84 -29.18	60.75 4.35 0.00	54.08 3.52 0.00
NYPA_GOWANUS____GT5 24156	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
NYPA_GOWANUS____GT6 24157	44.49 2.07 0.00	38.39 1.90 0.00	39.08 1.90 0.00	39.58 1.93 0.00	42.20 2.01 0.00	42.26 1.99 0.00	36.05 1.86 0.00	37.45 2.14 0.00	38.86 2.35 0.00	37.81 2.51 0.00	30.53 2.13 0.00	34.37 2.31 0.00	38.47 1.98 -9.76	41.14 2.87 -2.47	41.82 2.37 -9.68	65.19 2.46 -28.61	65.79 3.40 -16.51	72.75 4.63 -7.58	54.43 3.04 -12.41	44.98 2.85 -5.21	47.95 3.10 -0.14	81.88 3.19 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
NYPA_HARLEM__RVR__GT1 24160	44.34 1.92 0.00	38.04 1.56 0.00	38.69 1.51 0.00	39.18 1.53 0.00	41.77 1.58 0.00	41.83 1.56 0.00	35.70 1.50 0.00	37.17 1.86 0.00	38.57 2.06 0.00	37.52 2.22 0.00	30.36 1.95 0.00	34.13 2.08 0.00	38.25 1.76 -9.76	40.83 2.57 -2.47	41.55 2.10 -9.68	64.90 2.17 -28.61	65.42 3.03 -16.51	72.28 4.16 -7.58	54.11 2.73 -12.41	44.63 2.50 -5.21	47.56 2.71 -0.14	81.42 2.73 -29.17	59.38 2.98 0.00	53.13 2.56 0.00
NYPA_HARLEM__RVR__GT2 24161	44.34 1.92 0.00	38.04 1.56 0.00	38.69 1.51 0.00	39.18 1.53 0.00	41.77 1.58 0.00	41.83 1.56 0.00	35.70 1.50 0.00	37.17 1.86 0.00	38.57 2.06 0.00	37.52 2.22 0.00	30.36 1.95 0.00	34.13 2.08 0.00	38.25 1.76 -9.76	40.83 2.57 -2.47	41.55 2.10 -9.68	64.90 2.17 -28.61	65.42 3.03 -16.51	72.28 4.16 -7.58	54.11 2.73 -12.41	44.63 2.50 -5.21	47.56 2.71 -0.14	81.42 2.73 -29.17	59.38 2.98 0.00	53.13 2.56 0.00
NYPA_KENT____GT 24152	44.54 2.11 0.00	38.36 1.87 0.00	39.03 1.85 0.00	39.53 1.87 0.00	42.15 1.96 0.00	42.21 1.94 0.00	36.00 1.81 0.00	37.42 2.10 0.00	38.83 2.32 0.00	37.79 2.50 0.00	30.52 2.11 0.00	34.35 2.30 0.00	38.46 1.97 -9.76	41.12 2.85 -2.47	41.79 2.35 -9.68	65.16 2.42 -28.61	65.76 3.37 -16.51	72.66 4.54 -7.58	54.39 3.00 -12.41	44.93 2.80 -5.21	47.90 3.05 -0.14	81.82 3.13 -29.17	59.85 3.45 0.00	53.51 2.94 0.00
NYPA_POUCH1____GT 24155	44.39 1.96 0.00	38.48 2.00 0.00	39.20 2.02 0.00	39.70 2.06 0.00	42.34 2.16 0.00	42.40 2.12 0.00	36.15 1.96 0.00	37.44 2.13 0.00	38.83 2.33 0.00	37.77 2.48 0.00	30.48 2.08 0.00	34.33 2.27 0.00	38.42 1.93 -9.76	41.09 2.82 -2.47	41.80 2.35 -9.68	65.15 2.42 -28.61	65.72 3.33 -16.51	72.70 4.58 -7.58	54.41 3.03 -12.41	44.96 2.83 -5.21	47.92 3.07 -0.14	81.86 3.17 -29.17	59.92 3.52 0.00	53.58 3.02 0.00
NYPA_VERNON____GT2 24162	44.55 2.12 0.00	38.29 1.81 0.00	38.96 1.78 0.00	39.45 1.81 0.00	42.07 1.88 0.00	42.13 1.86 0.00	35.93 1.74 0.00	37.37 2.05 0.00	38.79 2.28 0.00	37.76 2.47 0.00	30.51 2.10 0.00	34.34 2.28 0.00	38.45 1.96 -9.76	41.08 2.81 -2.47	41.74 2.30 -9.68	65.11 2.38 -28.61	65.71 3.32 -16.51	72.56 4.44 -7.58	54.31 2.92 -12.41	44.86 2.73 -5.21	47.83 2.98 -0.14	81.74 3.06 -29.17	59.74 3.34 0.00	53.42 2.86 0.00
NYPA_VERNON____GT3 24163	44.55 2.12 0.00	38.29 1.81 0.00	38.96 1.78 0.00	39.45 1.81 0.00	42.07 1.88 0.00	42.13 1.86 0.00	35.93 1.74 0.00	37.37 2.05 0.00	38.79 2.28 0.00	37.76 2.47 0.00	30.51 2.10 0.00	34.34 2.28 0.00	38.45 1.96 -9.76	41.08 2.81 -2.47	41.74 2.30 -9.68	65.11 2.38 -28.61	65.71 3.32 -16.51	72.56 4.44 -7.58	54.31 2.92 -12.41	44.86 2.73 -5.21	47.83 2.98 -0.14	81.74 3.06 -29.17	59.74 3.34 0.00	53.42 2.86 0.00
NYPA__ASTORIA_CC1 323568	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.44 4.32 -7.58	54.24 2.85 -12.41	44.79 2.67 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
NYPA__ASTORIA_CC2 323569	44.51 2.09 0.00	38.24 1.76 0.00	38.91 1.73 0.00	39.40 1.75 0.00	42.00 1.82 0.00	42.07 1.80 0.00	35.87 1.68 0.00	37.31 2.00 0.00	38.72 2.21 0.00	37.70 2.41 0.00	30.47 2.06 0.00	34.30 2.24 0.00	38.41 1.92 -9.76	41.03 2.76 -2.47	41.69 2.24 -9.68	65.05 2.32 -28.61	65.62 3.23 -16.51	72.44 4.32 -7.58	54.24 2.85 -12.41	44.79 2.67 -5.21	47.75 2.90 -0.14	81.65 2.96 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
NYPA__HOLTSVILL 23794	45.00 2.58 0.00	38.66 2.18 0.00	39.15 1.97 0.00	39.67 2.02 0.00	42.21 2.02 0.00	42.36 2.08 0.00	36.28 2.09 0.00	37.88 2.57 0.00	39.21 2.70 0.00	38.33 3.04 0.00	31.78 2.47 -0.90	34.55 2.50 0.00	43.70 2.16 -14.82	70.14 3.26 -31.08	42.25 2.80 -9.69	65.58 2.84 -28.61	66.35 3.95 -16.51	73.53 5.41 -7.58	54.56 3.17 -12.41	45.20 3.07 -5.21	48.26 3.41 -0.14	82.13 3.43 -29.18	60.30 3.91 0.00	53.61 3.05 0.00
NYPA__HELLGATE_GT1 24158	44.34 1.91 0.00	38.03 1.55 0.00	38.69 1.51 0.00	39.17 1.52 0.00	41.76 1.57 0.00	41.83 1.55 0.00	35.69 1.50 0.00	37.17 1.86 0.00	38.56 2.05 0.00	37.52 2.22 0.00	30.37 1.96 0.00	34.14 2.08 0.00	38.26 1.77 -9.76	40.83 2.56 -2.47	41.54 2.10 -9.68	64.90 2.17 -28.61	65.42 3.03 -16.51	72.28 4.16 -7.58	54.11 2.73 -12.41	44.62 2.49 -5.21	47.56 2.71 -0.14	81.42 2.73 -29.17	59.38 2.98 0.00	53.13 2.56 0.00
NYPA__HELLGATE_GT2 24159	44.34 1.91 0.00	38.03 1.55 0.00	38.69 1.51 0.00	39.17 1.52 0.00	41.76 1.57 0.00	41.83 1.55 0.00	35.69 1.50 0.00	37.17 1.86 0.00	38.56 2.05 0.00	37.52 2.22 0.00	30.37 1.96 0.00	34.14 2.08 0.00	38.26 1.77 -9.76	40.83 2.56 -2.47	41.54 2.10 -9.68	64.90 2.17 -28.61	65.42 3.03 -16.51	72.28 4.16 -7.58	54.11 2.73 -12.41	44.62 2.49 -5.21	47.56 2.71 -0.14	81.42 2.73 -29.17	59.38 2.98 0.00	53.13 2.56 0.00
NYS_BARGE__HYD 23848	40.15 -2.20 0.08	35.13 -1.36 0.00	35.78 -1.40 0.00	36.30 -1.35 0.00	38.60 -1.59 0.00	38.99 -1.29 0.00	32.74 -1.43 0.02	32.88 -2.23 0.20	34.56 -1.95 0.00	33.35 -1.92 0.02	26.17 -2.23 0.00	29.28 -2.78 0.00	25.04 -2.72 -1.04	26.93 -3.35 5.52	21.54 -2.85 5.37	33.58 -3.58 -3.04	36.46 -4.78 4.64	31.23 -5.74 23.57	24.91 -3.89 10.17	27.20 -3.66 6.06	40.23 -4.50 -0.02	47.59 -5.12 -3.20	49.99 -4.38 2.02	47.36 -3.21 0.00

OAK ORCHARD___HYD 24046	40.99 -1.39 0.04	35.59 -0.89 0.00	36.25 -0.93 0.00	36.73 -0.92 0.00	39.16 -1.03 0.00	39.43 -0.84 0.00	33.27 -0.91 0.01	33.87 -1.33 0.12	35.34 -1.17 0.00	34.17 -1.11 0.01	27.15 -1.26 0.00	30.52 -1.53 0.00	26.29 -1.52 -1.09	34.03 -2.03 -0.27	25.62 -1.70 2.45	34.92 -1.95 -2.74	43.98 -2.66 -0.75	44.49 -3.36 12.69	36.38 -2.31 0.29	34.01 -2.14 0.77	42.21 -2.52 -0.02	49.54 -2.78 -2.80	52.50 -2.52 1.37	48.71 -1.85 0.00
OAKDALE___35_KV_LOAD 356122	42.34 -0.08 0.00	36.49 0.00 0.00	37.23 0.05 0.00	37.64 -0.01 0.00	40.21 0.02 0.00	40.41 0.13 0.00	34.28 0.09 0.00	35.31 -0.01 0.00	36.70 0.19 0.00	35.47 0.18 0.00	28.49 0.09 0.00	32.06 0.01 0.00	29.70 -0.05 -3.03	37.24 0.09 -1.36	32.91 -0.08 -3.23	42.79 -0.08 -8.74	51.73 -0.04 -5.89	63.45 -0.28 -3.19	44.29 -0.06 -5.38	39.26 -0.06 -2.40	44.62 -0.14 -0.04	58.32 -0.11 -8.91	56.29 -0.11 0.00	50.64 0.08 0.00
OCC_CHEM___DRP 24175	39.48 -2.94 0.00	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.99 0.00	32.13 -2.06 0.00	32.49 -2.82 0.00	33.95 -2.55 0.00	32.79 -2.50 0.00	25.77 -2.63 0.00	28.84 -3.22 0.00	24.66 -3.11 -1.05	25.66 -4.13 6.01	20.70 -3.39 5.67	33.87 -4.18 -3.92	36.51 -5.76 3.62	28.49 -7.24 24.81	22.96 -4.99 11.03	25.78 -4.60 6.54	39.39 -5.34 -0.02	47.02 -6.05 -3.56	49.21 -5.40 1.79	46.76 -3.80 0.00
OH_GEN_PROXY 24063	39.71 -2.62 0.09	34.76 -1.73 0.00	35.40 -1.78 0.00	35.89 -1.76 0.00	38.18 -2.01 0.00	38.52 -1.75 0.00	32.35 -1.82 0.03	32.53 -2.53 0.25	34.25 -2.26 0.00	33.08 -2.19 0.03	26.09 -2.31 0.00	29.24 -2.82 0.00	25.07 -2.73 -1.08	27.12 -3.55 5.12	21.42 -3.04 5.30	33.38 -3.66 -2.92	36.21 -5.07 4.60	30.54 -6.46 23.54	25.07 -4.37 9.54	27.10 -4.06 5.76	39.93 -4.80 -0.02	47.33 -5.39 -3.21	49.40 -4.87 2.13	46.95 -3.62 0.00
OLIN_CORP_DRP 24177	39.69 -2.73 0.00	34.68 -1.81 0.00	35.33 -1.85 0.00	35.84 -1.81 0.00	38.11 -2.07 0.00	38.48 -1.79 0.00	32.31 -1.88 0.00	32.55 -2.76 0.00	33.99 -2.51 0.00	32.83 -2.46 0.00	25.77 -2.63 0.00	28.82 -3.23 0.00	24.65 -3.12 -1.05	25.86 -3.81 6.13	20.74 -3.24 5.78	33.90 -4.18 -3.96	36.59 -5.59 3.71	28.65 -6.74 25.15	23.16 -4.57 11.24	25.97 -4.30 6.64	39.47 -5.25 -0.02	47.12 -5.98 -3.59	49.34 -5.26 1.81	46.66 -3.91 0.00
OLIN_CORP_DSASP 323712	39.40 -2.94 0.08	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.98 0.00	32.11 -2.06 0.03	32.26 -2.82 0.23	33.95 -2.56 0.00	32.78 -2.49 0.03	25.77 -2.63 0.00	28.83 -3.22 0.00	24.68 -3.09 -1.05	25.68 -4.10 6.01	20.70 -3.40 5.67	33.02 -4.14 -3.04	34.95 -5.73 5.20	28.46 -7.27 24.81	22.99 -4.95 11.03	25.79 -5.34 6.54	39.39 -5.34 -0.02	46.71 -6.05 -3.25	48.84 -5.43 2.13	46.70 -3.87 0.00
ONEIDA_HERK_LFGE 323681	43.01 0.59 0.00	36.76 0.27 0.00	37.62 0.44 0.00	38.02 0.37 0.00	40.60 0.42 0.00	40.75 0.47 0.00	34.66 0.47 0.00	35.89 0.58 0.00	36.90 0.39 0.00	35.36 0.06 0.00	28.40 0.00 0.00	32.35 0.29 0.00	27.20 0.18 -0.29	35.75 -0.12 -0.07	29.96 -0.09 -0.29	35.15 0.18 -0.85	46.83 0.46 -0.49	61.55 0.79 -0.22	39.67 0.33 -0.37	37.20 0.12 -0.15	45.08 0.36 0.00	50.58 0.21 -0.86	56.75 0.35 0.00	50.74 0.18 0.00
ONEIDA___115KV_TB4 55905	43.21 0.79 0.00	37.13 0.64 0.00	37.89 0.71 0.00	38.32 0.67 0.00	41.00 0.81 0.00	41.17 0.89 0.00	34.95 0.77 0.00	36.13 0.82 0.00	37.41 0.90 0.00	35.89 0.60 0.00	28.83 0.43 0.00	32.71 0.65 0.00	27.75 0.49 -0.53	36.47 0.54 -0.13	30.78 0.49 -0.53	36.37 0.69 -1.56	47.84 1.06 -0.90	62.20 1.25 -0.41	40.40 0.74 -0.67	37.82 0.62 -0.28	45.49 0.78 -0.01	51.94 0.83 -1.59	57.35 0.95 0.00	51.37 0.81 0.00
ONONDAGA_REF_OCCRA 23987	42.09 -0.34 0.00	36.27 -0.22 0.00	36.97 -0.21 0.00	37.42 -0.23 0.00	39.97 -0.22 0.00	40.11 -0.16 0.00	33.99 -0.20 0.00	34.98 -0.33 0.00	36.23 -0.28 0.00	35.03 -0.27 0.00	28.18 -0.23 0.00	31.76 -0.29 0.00	27.44 -0.29 -1.00	35.68 -0.37 -0.24	31.95 -0.32 -2.51	36.68 -0.38 -2.94	47.19 -0.51 -1.82	66.39 -0.73 -6.59	40.55 -0.42 -1.99	37.66 -0.37 -1.12	44.27 -0.45 -0.02	52.27 -0.37 -3.12	56.54 -0.38 -0.52	50.31 -0.25 0.00
ONONDAGA___COGEN 23986	42.02 -0.40 0.00	36.21 -0.28 0.00	36.91 -0.27 0.00	37.36 -0.29 0.00	39.90 -0.29 0.00	40.04 -0.23 0.00	33.93 -0.27 0.00	34.90 -0.42 0.00	36.14 -0.37 0.00	34.93 -0.37 0.00	28.11 -0.29 0.00	31.67 -0.38 0.00	27.31 -0.34 -0.93	35.56 -0.46 -0.23	30.28 -0.41 -0.92	36.37 -0.47 -2.71	46.82 -0.62 -1.57	60.36 -0.89 -0.72	39.63 -0.52 -1.18	36.94 -0.47 -0.49	44.17 -0.55 -0.01	51.82 -0.46 -2.77	55.91 -0.49 0.00	50.22 -0.34 0.00
ONTARIO___LFGE 23819	42.06 -0.36 0.00	36.34 -0.15 0.00	37.03 -0.14 0.00	37.48 -0.17 0.00	40.02 -0.16 0.00	40.37 0.09 0.00	34.17 -0.02 0.00	35.07 -0.24 0.00	36.52 0.02 0.00	35.26 -0.03 0.00	28.11 -0.29 0.00	31.49 -0.57 0.00	27.63 -0.57 -1.48	39.02 -0.74 -3.96	24.11 -0.74 4.92	37.23 -0.73 -3.83	49.76 -0.88 -4.76	36.02 -1.17 23.34	42.27 -0.81 -4.10	37.22 -0.64 -0.94	43.88 -0.85 -0.02	51.86 -0.96 -3.30	53.15 -0.81 2.45	50.10 -0.46 0.00
ORANGEVILLE_WT_PWR 323706	40.57 -1.82 0.04	35.33 -1.16 0.00	36.05 -1.13 0.00	36.63 -1.02 0.00	39.03 -1.16 0.00	39.40 -0.87 0.00	33.10 -1.08 0.01	33.62 -1.59 0.10	35.32 -1.18 0.00	34.02 -1.27 0.01	26.80 -1.60 0.00	29.84 -2.21 0.00	24.92 -2.29 -0.49	8.37 -2.95 24.47	13.81 -2.63 13.32	35.59 -2.94 -4.40	21.86 -4.01 20.02	2.99 -5.28 52.27	-6.39 -3.42 41.95	10.90 -3.22 22.80	40.83 -3.90 -0.02	49.32 -4.27 -4.07	49.64 -3.85 2.91	47.76 -2.81 0.00
ORANGEVILLE___ESR 323794	40.57 -1.82 0.04	35.33 -1.16 0.00	36.05 -1.13 0.00	36.63 -1.02 0.00	39.03 -1.16 0.00	39.40 -0.87 0.00	33.10 -1.08 0.01	33.62 -1.59 0.10	35.32 -1.18 0.00	34.02 -1.27 0.01	26.80 -1.60 0.00	29.84 -2.21 0.00	24.92 -2.29 -0.49	8.37 -2.95 24.47	13.81 -2.63 13.32	35.59 -2.94 -4.40	21.86 -4.01 20.02	2.99 -5.28 52.27	-6.39 -3.42 41.95	10.90 -3.22 22.80	40.83 -3.90 -0.02	49.32 -4.27 -4.07	49.64 -3.85 2.91	47.76 -2.81 0.00
OSWEGATCHIE___HYD 24044	42.59 0.16 0.00	35.98 -0.50 0.00	36.75 -0.42 0.00	37.10 -0.55 0.00	39.65 -0.54 0.00	39.84 -0.43 0.00	33.87 -0.32 0.00	35.14 -0.17 0.00	35.93 -0.58 0.00	34.01 -1.28 0.00	27.19 -1.21 0.00	31.29 -0.76 0.00	26.31 -0.70 -0.28	34.26 -1.62 -0.07	28.60 -1.45 -0.28	33.92 -1.04 -0.84	45.15 -1.22 -0.48	59.88 -0.88 -0.22	38.19 -1.16 -0.36	35.57 -1.51 -0.15	43.39 -1.32 0.00	48.70 -1.67 -0.85	55.04 -1.36 0.00	48.93 -1.63 0.00
OSWEGO___5 23606	41.37 -1.05 0.00	35.65 -0.84 0.00	36.32 -0.85 0.00	36.78 -0.87 0.00	39.26 -0.93 0.00	39.37 -0.90 0.00	33.34 -0.84 0.00	34.30 -1.02 0.00	35.48 -1.03 0.00	34.31 -0.98 0.00	27.62 -0.78 0.00	31.13 -0.93 0.00	26.58 -0.80 -0.65	34.86 -1.10 -0.16	29.50 -0.91 -0.65	34.97 -1.06 -1.91	45.52 -1.46 -1.10	59.06 -1.99 -0.51	38.55 -1.25 -0.83	36.12 -1.15 -0.35	43.35 -1.37 -0.01	50.13 -1.33 -1.95	54.96 -1.44 0.00	49.35 -1.21 0.00

OSWEGO___6 23613	41.37 -1.05 0.00	35.65 -0.84 0.00	36.32 -0.85 0.00	36.78 -0.87 0.00	39.26 -0.93 0.00	39.37 -0.90 0.00	33.34 -0.84 0.00	34.30 -1.02 0.00	35.48 -1.03 0.00	34.31 -0.98 0.00	27.62 -0.78 0.00	31.13 -0.93 0.00	26.58 -0.80 -0.65	34.86 -1.10 -0.16	29.50 -0.91 -0.65	34.97 -1.06 -1.91	45.52 -1.46 -1.10	59.06 -1.99 -0.51	38.55 -1.25 -0.83	36.12 -1.15 -0.35	43.35 -1.37 -0.01	50.13 -1.33 -1.95	54.96 -1.44 0.00	49.35 -1.21 0.00
OUTOKUMPU-AB___DRP 24206	40.45 -1.97 0.00	35.32 -1.16 0.00	35.99 -1.19 0.00	36.50 -1.15 0.00	38.81 -1.37 0.00	39.21 -1.07 0.00	32.95 -1.24 0.00	33.34 -1.97 0.00	34.85 -1.66 0.00	33.65 -1.64 0.00	26.45 -1.95 0.00	29.59 -2.46 0.00	25.27 -2.50 -1.05	26.19 -3.19 6.42	21.16 -2.66 5.95	34.78 -3.33 -3.99	37.42 -4.51 3.95	29.21 -5.48 25.85	23.42 -3.80 11.77	26.48 -3.50 6.94	40.58 -4.14 -0.02	48.39 -4.73 -3.61	50.59 -3.97 1.85	47.88 -2.68 0.00
OXBOW___BTM 323836	39.96 -2.38 0.08	34.99 -1.50 0.00	35.63 -1.55 0.00	36.13 -1.52 0.00	38.43 -1.76 0.00	38.82 -1.46 0.00	32.58 -1.59 0.02	32.75 -2.33 0.23	34.47 -2.04 0.00	33.28 -1.99 0.03	26.17 -2.24 0.00	29.27 -2.79 0.00	25.03 -2.74 -1.05	26.01 -3.57 6.22	20.98 -2.97 5.81	33.54 -3.65 -3.07	35.51 -5.01 5.37	28.94 -6.26 25.33	23.31 -4.26 11.40	26.22 -3.95 6.74	40.08 -4.65 -0.02	47.50 -5.29 -3.27	49.63 -4.61 2.16	47.35 -3.22 0.00
OXBOW____ 24026	40.04 -2.38 0.00	34.98 -1.50 0.00	35.63 -1.55 0.00	36.13 -1.52 0.00	38.42 -1.76 0.00	38.82 -1.46 0.00	32.60 -1.59 0.00	32.98 -2.33 0.00	34.47 -2.04 0.00	33.29 -2.00 0.00	26.17 -2.24 0.00	29.28 -2.78 0.00	25.02 -2.75 -1.05	25.99 -3.59 6.22	20.98 -2.97 5.81	34.39 -3.69 -3.96	37.05 -5.05 3.79	28.96 -6.24 25.33	23.27 -4.31 11.40	26.20 -3.98 6.74	40.08 -4.65 -0.02	47.80 -5.29 -3.58	50.01 -4.57 1.82	47.42 -3.14 0.00
OXY_CHEM_DSASP 323612	39.48 -2.94 0.00	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.99 0.00	32.13 -2.06 0.00	32.49 -2.82 0.00	33.95 -2.55 0.00	32.79 -2.50 0.00	25.77 -2.63 0.00	28.84 -3.22 0.00	24.66 -3.11 -1.05	25.66 -4.13 6.01	20.70 -3.39 5.67	33.87 -4.18 -3.92	36.51 -5.76 3.62	28.49 -7.24 24.81	22.96 -4.99 11.03	25.78 -4.60 6.54	39.39 -5.34 -0.02	47.02 -6.05 -3.56	49.21 -5.40 1.79	46.76 -3.80 0.00
OZONE_PARK_ESR 323760	44.83 2.41 0.00	38.47 1.98 0.00	39.13 1.95 0.00	39.63 1.98 0.00	42.26 2.07 0.00	42.30 2.03 0.00	36.08 1.89 0.00	37.55 2.24 0.00	38.98 2.47 0.00	37.94 2.65 0.00	30.66 2.25 0.00	34.53 2.47 0.00	38.61 2.13 -9.76	41.32 3.05 -2.47	41.93 2.48 -9.68	65.32 2.59 -28.60	66.04 3.64 -16.51	73.03 4.91 -7.58	54.59 3.21 -12.41	45.12 2.99 -5.21	48.16 3.31 -0.14	82.10 3.42 -29.17	60.13 3.74 0.00	53.77 3.21 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	39.48 -2.94 0.00	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.99 0.00	32.13 -2.06 0.00	32.49 -2.82 0.00	33.95 -2.55 0.00	32.79 -2.50 0.00	25.77 -2.63 0.00	28.84 -3.22 0.00	24.66 -3.11 -1.05	25.66 -4.13 6.01	20.70 -3.39 5.67	33.87 -4.18 -3.92	36.51 -5.76 3.62	28.49 -7.24 24.81	22.96 -4.99 11.03	25.78 -4.60 6.54	39.39 -5.34 -0.02	47.02 -6.05 -3.56	49.21 -5.40 1.79	46.76 -3.80 0.00
PACKARD__115KV_DUPONT_184 80571	39.48 -2.94 0.00	34.53 -1.96 0.00	35.16 -2.02 0.00	35.65 -2.00 0.00	37.90 -2.28 0.00	38.29 -1.99 0.00	32.13 -2.06 0.00	32.49 -2.82 0.00	33.95 -2.55 0.00	32.79 -2.50 0.00	25.77 -2.63 0.00	28.84 -3.22 0.00	24.66 -3.11 -1.05	25.66 -4.13 6.01	20.70 -3.39 5.67	33.87 -4.18 -3.92	36.51 -5.76 3.62	28.49 -7.24 24.81	22.96 -4.99 11.03	25.78 -4.60 6.54	39.39 -5.34 -0.02	47.02 -6.05 -3.56	49.21 -5.40 1.79	46.76 -3.80 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.43 2.00 0.00	38.14 1.65 0.00	38.80 1.62 0.00	39.28 1.63 0.00	41.88 1.69 0.00	41.95 1.68 0.00	35.79 1.60 0.00	37.24 1.92 0.00	38.63 2.12 0.00	37.58 2.29 0.00	30.39 1.98 0.00	34.16 2.11 0.00	38.28 1.80 -9.76	40.87 2.60 -2.47	41.58 2.13 -9.68	64.96 2.23 -28.61	65.51 3.12 -16.51	72.38 4.26 -7.58	54.17 2.78 -12.41	44.68 2.55 -5.21	47.63 2.78 -0.14	81.50 2.81 -29.17	59.46 3.06 0.00	53.21 2.65 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.48 2.05 0.00	38.28 1.79 0.00	38.95 1.77 0.00	39.40 1.75 0.00	42.01 1.83 0.00	42.15 1.88 0.00	35.93 1.74 0.00	37.33 2.02 0.00	38.73 2.22 0.00	37.70 2.40 0.00	30.46 2.05 0.00	34.22 2.16 0.00	38.34 1.85 -9.76	40.93 2.66 -2.47	41.65 2.20 -9.68	65.03 2.30 -28.61	65.62 3.23 -16.51	72.58 4.46 -7.58	54.31 2.93 -12.41	44.77 2.64 -5.21	47.75 2.90 -0.14	81.62 2.93 -29.17	59.61 3.21 0.00	53.36 2.80 0.00
PATROON__115KV_TB1 80586	43.74 1.31 0.00	37.63 1.15 0.00	38.36 1.18 0.00	38.87 1.22 0.00	41.48 1.29 0.00	41.45 1.18 0.00	35.11 0.92 0.00	36.41 1.10 0.00	37.58 1.07 0.00	36.40 1.11 0.00	29.37 0.96 0.00	33.15 1.09 0.00	39.35 0.93 -11.69	40.00 1.34 -2.86	42.41 1.06 -11.59	69.63 1.26 -34.26	67.33 1.68 -19.77	71.84 2.22 -9.08	55.25 1.42 -14.86	44.49 1.32 -6.24	46.48 1.60 -0.17	85.99 1.55 -34.93	57.98 1.58 0.00	51.88 1.32 0.00
PATTRSNVILLE__SOLAR 323815	43.80 1.38 0.00	37.66 1.17 0.00	38.37 1.19 0.00	38.86 1.21 0.00	41.48 1.30 0.00	41.62 1.34 0.00	35.43 1.24 0.00	36.66 1.35 0.00	37.79 1.28 0.00	36.39 1.09 0.00	29.19 0.78 0.00	33.00 0.94 0.00	39.86 0.87 -12.26	40.03 1.24 -3.00	43.05 1.12 -12.16	71.40 1.35 -35.93	68.55 1.93 -20.73	72.66 2.60 -9.52	56.20 1.64 -15.58	44.99 1.53 -6.54	46.69 1.80 -0.18	88.01 1.85 -36.64	58.46 2.06 0.00	52.35 1.78 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	41.52 -0.90 0.00	36.15 -0.33 0.00	36.87 -0.31 0.00	37.40 -0.25 0.00	39.79 -0.40 0.00	40.06 -0.21 0.00	33.79 -0.40 0.00	34.25 -1.07 0.00	35.79 -0.72 0.00	34.60 -0.69 0.00	27.32 -1.08 0.00	30.64 -1.41 0.00	26.23 -1.64 -1.15	27.22 -1.84 6.73	21.49 -1.64 6.64	36.33 -2.11 -4.32	38.93 -2.84 4.11	28.51 -3.26 28.77	24.21 -2.27 12.50	27.39 -2.11 7.43	42.14 -2.59 -0.02	50.46 -2.95 -3.89	52.32 -1.99 2.09	49.48 -1.09 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	44.60 2.18 0.00	38.28 1.79 0.00	38.97 1.79 0.00	39.48 1.83 0.00	42.10 1.92 0.00	42.21 1.93 0.00	36.05 1.86 0.00	37.49 2.18 0.00	38.86 2.35 0.00	37.76 2.47 0.00	30.43 2.02 0.00	34.31 2.26 0.00	38.53 1.96 -9.85	40.99 2.77 -2.43	41.79 2.26 -9.77	65.42 2.45 -28.85	66.03 3.50 -16.65	72.89 4.71 -7.65	54.55 3.06 -12.51	45.02 2.85 -5.25	48.05 3.19 -0.14	82.19 3.25 -29.42	59.90 3.50 0.00	53.57 3.01 0.00
PEEKSKILL____ 23653	44.12 1.70 0.00	37.86 1.38 0.00	38.53 1.36 0.00	39.04 1.39 0.00	41.63 1.44 0.00	41.70 1.43 0.00	35.60 1.41 0.00	37.02 1.71 0.00	38.38 1.87 0.00	37.30 2.01 0.00	30.10 1.69 0.00	33.89 1.83 0.00	38.00 1.60 -9.68	40.55 2.28 -2.46	41.23 1.86 -9.60	64.45 1.96 -28.37	65.04 2.79 -16.37	71.84 3.78 -7.52	53.75 2.47 -12.30	44.38 2.29 -5.17	47.36 2.51 -0.14	80.97 2.53 -28.93	59.13 2.73 0.00	52.91 2.35 0.00

PGE MADISON___WINDPWR 24146	44.49 2.05 -0.02	38.38 1.90 0.00	39.40 2.22 0.00	39.70 2.05 0.00	42.73 2.55 0.00	43.10 2.82 0.00	36.67 2.48 -0.01	37.88 2.51 -0.06	39.71 3.20 0.00	38.35 3.05 -0.01	30.76 2.36 0.00	34.52 2.47 0.00	31.57 1.92 -2.93	40.66 2.81 -2.05	44.03 2.21 -12.05	45.60 2.86 -8.62	57.07 4.05 -7.13	102.81 4.97 -37.31	52.31 3.33 -10.01	45.97 3.02 -6.02	48.10 3.36 -0.04	62.45 3.56 -9.38	63.38 3.87 -3.10	54.16 3.60 0.00
PIERCEFIELD___HYD 23852	43.01 0.59 0.00	36.20 -0.29 0.00	36.72 -0.46 0.00	37.13 -0.52 0.00	39.76 -0.42 0.00	40.06 -0.22 0.00	34.01 -0.19 0.00	35.21 -0.10 0.00	36.13 -0.38 0.00	34.06 -1.23 0.00	27.12 -1.29 0.00	31.23 -0.82 0.00	26.21 -0.71 -0.20	34.27 -1.58 -0.05	28.55 -1.42 -0.20	33.81 -0.91 -0.59	45.10 -1.12 -0.34	60.11 -0.58 -0.16	38.06 -1.17 -0.26	35.47 -1.56 -0.11	43.38 -1.33 0.00	48.61 -1.51 -0.61	55.44 -0.96 0.00	49.08 -1.48 0.00
PINELAWN_CC_1 323563	44.97 2.55 0.00	38.65 2.16 0.00	39.16 1.98 0.00	39.67 2.03 0.00	42.22 2.03 0.00	42.35 2.08 0.00	36.27 2.07 0.00	37.84 2.54 0.00	39.16 2.65 0.00	38.24 2.94 0.00	31.78 2.37 -1.00	34.45 2.39 0.00	44.17 2.11 -15.34	73.02 3.16 -34.06	42.15 2.70 -9.69	65.51 2.77 -28.61	66.28 3.88 -16.51	73.46 5.34 -7.58	54.59 3.20 -12.41	45.19 3.06 -5.21	48.25 3.39 -0.14	82.14 3.45 -29.18	60.32 3.92 0.00	53.70 3.14 0.00
PJM_GEN_HTP_PROXY 323702	44.41 1.98 0.00	38.12 1.63 0.00	38.78 1.61 0.00	39.28 1.63 0.00	41.87 1.69 0.00	41.94 1.66 0.00	35.78 1.59 0.00	37.22 1.91 0.00	38.62 2.11 0.00	37.59 2.29 0.00	30.35 1.95 0.00	34.18 2.12 0.00	38.33 1.84 -9.76	40.91 2.64 -2.47	41.69 2.14 -9.79	64.95 2.22 -28.60	65.53 3.13 -16.51	72.63 4.21 -7.87	54.14 2.75 -12.40	44.71 2.58 -5.21	47.67 2.82 -0.14	81.55 2.87 -29.17	59.50 3.11 0.00	49.41 2.66 3.81
PJM_GEN_KEystone 24065	24.63 -0.17 17.63	23.49 -0.07 12.92	34.94 -0.06 2.18	31.08 -0.05 6.52	32.16 -0.10 7.93	28.27 -0.07 11.94	34.11 -0.05 0.03	34.88 -0.15 0.28	36.61 0.10 0.00	35.50 0.24 0.03	28.50 0.10 0.00	32.05 0.00 0.00	32.47 -0.10 -5.84	35.77 0.10 0.13	31.53 -0.06 -1.82	39.21 -0.28 -5.36	51.11 -0.28 -5.50	51.74 -0.30 8.49	42.30 -0.22 -3.54	37.36 -0.24 -0.68	41.91 -0.50 2.29	42.53 -0.64 6.35	35.12 -0.33 20.94	30.75 -0.03 19.77
PJM_GEN_NEPTUNE_PROXY 323594	44.47 2.04 0.00	38.20 1.72 0.00	38.74 1.56 0.00	39.27 1.62 0.00	41.80 1.62 0.00	41.92 1.64 0.00	35.85 1.66 0.00	37.36 2.06 0.00	38.70 2.19 0.00	37.75 2.45 0.00	31.27 2.02 -0.84	34.15 2.10 0.00	43.03 1.84 -14.47	67.59 2.67 -29.13	41.84 2.29 -9.79	65.06 2.33 -28.61	65.64 3.25 -16.51	72.86 4.44 -7.88	54.08 2.69 -12.41	44.71 2.57 -5.21	47.69 2.84 -0.14	81.55 2.85 -29.18	59.60 3.20 0.00	49.33 2.58 3.81
PJM_GEN_VFT_PROXY 323633	44.30 1.88 0.00	37.95 1.46 0.00	38.60 1.42 0.00	39.11 1.46 0.00	41.69 1.50 0.00	41.75 1.47 0.00	35.61 1.42 0.00	37.08 1.77 0.00	38.47 1.96 0.00	37.46 2.16 0.00	30.26 1.86 0.00	34.07 2.01 0.00	38.23 1.74 -9.76	40.79 2.52 -2.47	41.62 2.07 -9.79	64.84 2.11 -28.60	65.38 2.99 -16.51	72.43 4.02 -7.88	54.02 2.63 -12.41	44.58 2.45 -5.21	47.49 2.64 -0.14	81.38 2.69 -29.17	59.32 2.92 0.00	49.24 2.49 3.81
PLATSBURG_115KV_PMLD1 355749	43.47 1.05 0.00	36.61 0.13 0.00	37.00 -0.18 0.00	37.54 -0.11 0.00	40.31 0.12 0.00	40.68 0.40 0.00	34.51 0.32 0.00	35.70 0.39 0.00	36.61 0.10 0.00	34.60 -0.70 0.00	27.47 -0.93 0.00	31.66 -0.39 0.00	26.30 -0.42 0.00	34.48 2.67 -1.32	28.67 2.29 -1.09	33.41 2.29 -0.71	44.80 3.25 -1.09	60.06 4.44 -0.47	37.74 2.69 -1.24	35.17 2.57 -1.75	43.07 2.84 -1.64	47.76 2.85 -1.76	55.66 3.20 -0.74	49.00 2.58 -1.57
PLEASANTVLY___LBMP 24000	43.92 1.50 0.00	37.72 1.23 0.00	38.42 1.24 0.00	38.92 1.27 0.00	41.50 1.32 0.00	41.57 1.29 0.00	35.49 1.29 0.00	36.89 1.58 0.00	38.20 1.69 0.00	37.09 1.80 0.00	29.91 1.51 0.00	33.72 1.67 0.00	38.27 1.45 -10.10	40.35 2.05 -2.50	41.45 1.68 -10.01	65.50 1.80 -29.58	65.52 2.57 -17.07	71.81 3.43 -7.84	54.06 2.25 -12.83	44.40 2.10 -5.39	47.19 2.33 -0.15	82.01 2.32 -30.17	58.84 2.44 0.00	52.67 2.11 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.25 1.83 0.00	37.98 1.50 0.00	38.67 1.50 0.00	39.17 1.52 0.00	41.76 1.58 0.00	41.83 1.56 0.00	35.71 1.52 0.00	37.13 1.82 0.00	38.48 1.98 0.00	37.42 2.12 0.00	30.18 1.78 0.00	34.01 1.95 0.00	38.23 1.69 -9.82	40.68 2.42 -2.46	41.47 1.97 -9.74	64.98 2.08 -28.78	65.45 2.96 -16.61	72.15 3.98 -7.63	54.06 2.60 -12.48	44.59 2.43 -5.24	47.53 2.68 -0.14	81.57 2.70 -29.35	59.30 2.90 0.00	53.05 2.49 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.25 1.83 0.00	37.98 1.50 0.00	38.67 1.50 0.00	39.17 1.52 0.00	41.76 1.58 0.00	41.83 1.56 0.00	35.71 1.52 0.00	37.13 1.82 0.00	38.48 1.98 0.00	37.42 2.12 0.00	30.18 1.78 0.00	34.01 1.95 0.00	38.23 1.69 -9.82	40.68 2.42 -2.46	41.47 1.97 -9.74	64.98 2.08 -28.78	65.45 2.96 -16.61	72.15 3.98 -7.63	54.06 2.60 -12.48	44.59 2.43 -5.24	47.53 2.68 -0.14	81.57 2.70 -29.35	59.30 2.90 0.00	53.05 2.49 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.27 1.84 0.00	38.01 1.52 0.00	38.71 1.54 0.00	39.21 1.56 0.00	41.81 1.62 0.00	41.91 1.64 0.00	35.80 1.61 0.00	37.21 1.90 0.00	38.55 2.05 0.00	37.41 2.11 0.00	30.15 1.75 0.00	34.02 1.97 0.00	38.37 1.71 -9.94	40.64 2.41 -2.43	41.59 1.97 -9.85	65.39 2.15 -29.11	65.77 3.09 -16.80	72.41 4.16 -7.72	54.32 2.71 -12.63	44.74 2.52 -5.30	47.68 2.83 -0.15	82.04 2.84 -29.69	59.43 3.03 0.00	53.16 2.60 0.00
POLETTI___ 23519	44.47 2.04 0.00	38.15 1.67 0.00	38.82 1.64 0.00	39.31 1.66 0.00	41.91 1.73 0.00	41.94 1.66 0.00	35.72 1.53 0.00	37.17 1.86 0.00	38.57 2.06 0.00	37.58 2.29 0.00	30.37 1.96 0.00	34.20 2.15 0.00	38.35 1.87 -9.76	40.94 2.67 -2.47	41.59 2.14 -9.68	64.91 2.18 -28.60	65.46 3.07 -16.51	72.26 4.14 -7.58	54.09 2.70 -12.41	44.66 2.53 -5.21	47.60 2.75 -0.14	81.50 2.81 -29.17	59.45 3.06 0.00	53.18 2.62 0.00
POMONA___ESR 323819	44.10 1.68 0.00	37.84 1.35 0.00	38.50 1.33 0.00	39.03 1.38 0.00	41.61 1.42 0.00	41.69 1.41 0.00	35.60 1.40 0.00	37.01 1.70 0.00	38.37 1.86 0.00	37.29 2.00 0.00	30.08 1.68 0.00	33.86 1.81 0.00	37.77 1.57 -9.48	40.21 2.24 -2.17	40.99 1.83 -9.40	63.80 1.90 -27.77	64.66 2.75 -16.03	71.65 3.75 -7.36	53.48 2.45 -12.05	44.25 2.27 -5.06	47.31 2.46 -0.14	80.33 2.49 -28.32	59.09 2.70 0.00	52.89 2.33 0.00
PORT_JEFF_3 23555	45.13 2.70 0.00	38.76 2.28 0.00	39.25 2.07 0.00	39.78 2.13 0.00	42.31 2.13 0.00	42.48 2.20 0.00	36.38 2.19 0.00	38.00 2.68 0.00	39.33 2.81 0.00	38.46 3.16 0.00	31.87 2.56 -0.91	34.64 2.59 0.00	43.79 2.24 -14.83	70.34 3.40 -31.14	42.36 2.92 -9.69	65.70 2.97 -28.61	66.53 4.14 -16.51	73.79 5.67 -7.58	54.71 3.32 -12.41	45.36 3.23 -5.21	48.44 3.59 -0.14	82.32 3.63 -29.18	60.51 4.12 0.00	53.77 3.20 0.00

PORT_JEFF_4 23616	45.13 2.70 0.00	38.76 2.28 0.00	39.25 2.07 0.00	39.78 2.13 0.00	42.31 2.13 0.00	42.48 2.20 0.00	36.38 2.19 0.00	38.00 2.68 0.00	39.33 2.81 0.00	38.46 3.16 0.00	31.87 2.56 -0.91	34.64 2.59 0.00	43.79 2.24 -14.83	70.34 3.40 -31.14	42.36 2.92 -9.69	65.70 2.97 -28.61	66.53 4.14 -16.51	73.79 5.67 -7.58	54.71 3.32 -12.41	45.36 3.23 -5.21	48.44 3.59 -0.14	82.32 3.63 -29.18	60.51 4.12 0.00	53.77 3.20 0.00
PORT_JEFF_IC 23713	45.13 2.71 0.00	38.78 2.29 0.00	39.25 2.08 0.00	39.78 2.13 0.00	42.32 2.14 0.00	42.49 2.22 0.00	36.39 2.20 0.00	38.02 2.71 0.00	39.35 2.84 0.00	38.47 3.18 0.00	31.88 2.56 -0.91	34.65 2.59 0.00	43.82 2.25 -14.84	70.45 3.42 -31.23	42.37 2.92 -9.69	65.72 2.99 -28.61	66.57 4.18 -16.51	73.82 5.70 -7.58	54.72 3.34 -12.41	45.39 3.26 -5.21	48.47 3.62 -0.14	82.34 3.64 -29.18	60.50 4.10 0.00	53.77 3.20 0.00
PPL PILGRIM_ST_GT1 24216	45.28 2.85 0.00	38.91 2.43 0.00	39.40 2.22 0.00	39.93 2.28 0.00	42.48 2.30 0.00	42.62 2.34 0.00	36.50 2.31 0.00	38.12 2.81 0.00	39.43 2.92 0.00	38.54 3.25 0.00	31.94 2.61 -0.92	34.71 2.66 0.00	43.93 2.30 -14.91	70.88 3.48 -31.60	42.43 2.98 -9.69	65.80 3.06 -28.61	66.68 4.29 -16.51	73.98 5.86 -7.58	54.88 3.50 -12.41	45.48 3.35 -5.21	48.60 3.75 -0.14	82.54 3.84 -29.18	60.75 4.35 0.00	54.08 3.52 0.00
PPL PILGRIM_ST_GT2 24217	45.28 2.85 0.00	38.91 2.43 0.00	39.40 2.22 0.00	39.93 2.28 0.00	42.48 2.30 0.00	42.62 2.34 0.00	36.50 2.31 0.00	38.12 2.81 0.00	39.43 2.92 0.00	38.54 3.25 0.00	31.94 2.61 -0.92	34.71 2.66 0.00	43.93 2.30 -14.91	70.88 3.48 -31.60	42.43 2.98 -9.69	65.80 3.06 -28.61	66.68 4.29 -16.51	73.98 5.86 -7.58	54.88 3.50 -12.41	45.48 3.35 -5.21	48.60 3.75 -0.14	82.54 3.84 -29.18	60.75 4.35 0.00	54.08 3.52 0.00
PPL_SHRM_GT3 24213	45.20 2.78 0.00	38.80 2.32 0.00	39.28 2.10 0.00	39.81 2.16 0.00	42.35 2.17 0.00	42.57 2.30 0.00	36.47 2.28 0.00	38.10 2.78 0.00	39.45 2.94 0.00	38.62 3.32 0.00	32.00 2.69 -0.91	34.75 2.70 0.00	43.89 2.34 -14.83	70.50 3.53 -31.17	42.41 2.96 -9.69	65.72 2.99 -28.61	66.45 4.05 -16.51	73.55 5.43 -7.58	54.47 3.08 -12.41	45.25 3.12 -5.21	48.29 3.44 -0.14	82.06 3.37 -29.18	60.23 3.82 0.00	53.25 2.68 0.00
PPL_SHRM_GT4 24214	45.20 2.78 0.00	38.80 2.32 0.00	39.28 2.10 0.00	39.81 2.16 0.00	42.35 2.17 0.00	42.57 2.30 0.00	36.47 2.28 0.00	38.10 2.78 0.00	39.45 2.94 0.00	38.62 3.32 0.00	32.00 2.69 -0.91	34.75 2.70 0.00	43.89 2.34 -14.83	70.50 3.53 -31.17	42.41 2.96 -9.69	65.72 2.99 -28.61	66.45 4.05 -16.51	73.55 5.43 -7.58	54.47 3.08 -12.41	45.25 3.12 -5.21	48.29 3.44 -0.14	82.06 3.37 -29.18	60.23 3.82 0.00	53.25 2.68 0.00
PROJECT___ORANGE 1 24174	41.84 -0.58 0.00	36.07 -0.42 0.00	36.76 -0.42 0.00	37.21 -0.44 0.00	39.74 -0.45 0.00	39.87 -0.41 0.00	33.78 -0.41 0.00	34.75 -0.56 0.00	35.98 -0.52 0.00	34.80 -0.50 0.00	28.00 -0.40 0.00	31.56 -0.50 0.00	27.08 -0.47 -0.82	35.38 -0.62 -0.20	30.06 -0.52 -0.81	35.91 -0.62 -2.40	46.43 -0.84 -1.39	59.99 -1.19 -0.64	39.30 -0.72 -1.04	36.70 -0.66 -0.44	43.93 -0.78 -0.01	51.26 -0.71 -2.45	55.64 -0.76 0.00	49.99 -0.57 0.00
PROJECT___ORANGE 2 24166	41.84 -0.58 0.00	36.07 -0.42 0.00	36.76 -0.42 0.00	37.21 -0.44 0.00	39.74 -0.45 0.00	39.87 -0.41 0.00	33.78 -0.41 0.00	34.75 -0.56 0.00	35.98 -0.52 0.00	34.80 -0.50 0.00	28.00 -0.40 0.00	31.56 -0.50 0.00	27.08 -0.47 -0.82	35.38 -0.62 -0.20	30.06 -0.52 -0.81	35.91 -0.62 -2.40	46.43 -0.84 -1.39	59.99 -1.19 -0.64	39.30 -0.72 -1.04	36.70 -0.66 -0.44	43.93 -0.78 -0.01	51.26 -0.71 -2.45	55.64 -0.76 0.00	49.99 -0.57 0.00
PUCKETT___SOLAR 323809	42.73 0.28 -0.03	36.87 0.38 0.00	37.67 0.50 0.00	38.10 0.46 0.00	40.80 0.62 0.00	41.06 0.79 0.00	34.89 0.69 -0.01	36.02 0.63 -0.08	37.43 0.92 0.00	36.18 0.88 -0.01	29.02 0.62 0.00	32.56 0.51 0.00	30.17 0.37 -3.07	37.30 0.75 -0.75	34.23 0.39 -4.07	44.00 0.56 -9.32	52.63 0.90 -5.85	67.69 0.80 -6.35	44.04 0.67 -4.39	39.60 0.64 -2.03	45.39 0.64 -0.04	59.56 0.67 -9.37	57.68 0.81 -0.47	51.44 0.87 0.00
PYRITES___HYD 24023	43.63 1.21 0.00	36.71 0.23 0.00	37.21 0.03 0.00	37.63 -0.02 0.00	40.34 0.15 0.00	40.67 0.39 0.00	34.55 0.36 0.00	35.78 0.46 0.00	36.75 0.24 0.00	34.53 -0.76 0.00	27.35 -1.05 0.00	31.48 -0.57 0.00	26.45 -0.47 -0.20	34.63 -1.22 -0.05	28.92 -1.04 -0.19	34.26 -0.43 -0.57	45.85 -0.36 -0.33	61.21 0.52 -0.15	38.74 -0.49 -0.25	36.11 -0.92 -0.10	44.18 -0.53 0.00	49.45 -0.65 -0.58	56.41 0.01 0.00	49.89 -0.67 0.00
QUAKERRD_115KV_BK1 80622	40.40 -2.02 0.00	35.01 -1.48 0.00	35.65 -1.53 0.00	36.11 -1.54 0.00	38.51 -1.67 0.00	38.76 -1.52 0.00	32.75 -1.44 0.00	33.50 -1.81 0.00	34.81 -1.70 0.00	33.66 -1.64 0.00	26.82 -1.58 0.00	30.16 -1.90 0.00	26.00 -1.77 -1.05	33.67 -2.39 -0.26	25.74 -1.97 2.05	34.93 -2.28 -3.08	44.31 -3.10 -1.54	45.49 -3.98 11.06	36.14 -2.71 0.13	33.79 -2.51 0.63	41.77 -2.95 -0.02	49.15 -3.25 -2.89	52.15 -3.20 1.05	48.05 -2.51 0.00
QUEENSBRY_115KV_TB8 356137	45.00 2.58 0.00	38.79 2.31 0.00	39.60 2.42 0.00	40.08 2.43 0.00	42.85 2.66 0.00	43.14 2.86 0.00	36.83 2.64 0.00	38.18 2.87 0.00	39.39 2.88 0.00	37.88 2.58 0.00	30.32 1.92 0.00	34.36 2.30 0.00	40.68 2.00 -11.96	41.38 2.66 -2.92	43.92 2.30 -11.85	71.91 2.76 -35.02	70.12 4.02 -20.21	74.98 5.16 -9.28	57.52 3.35 -15.19	46.46 3.16 -6.38	48.52 3.64 -0.18	88.98 3.75 -35.72	60.61 4.21 0.00	54.16 3.60 0.00
RAMAPO___LBMP 323565	43.96 1.54 0.00	37.72 1.23 0.00	38.39 1.21 0.00	38.90 1.25 0.00	41.49 1.30 0.00	41.55 1.27 0.00	35.49 1.30 0.00	36.88 1.57 0.00	38.23 1.72 0.00	37.15 1.86 0.00	29.96 1.55 0.00	33.73 1.68 0.00	37.64 1.46 -9.46	40.05 2.09 -2.17	40.85 1.70 -9.38	63.61 1.76 -27.72	64.43 2.55 -16.00	71.39 3.50 -7.35	53.29 2.29 -12.02	44.08 2.11 -5.05	47.13 2.28 -0.14	80.07 2.29 -28.27	58.87 2.47 0.00	52.70 2.14 0.00
RANKINE____ 23646	40.88 -1.55 0.00	35.67 -0.82 0.00	36.38 -0.80 0.00	36.91 -0.74 0.00	39.24 -0.94 0.00	39.58 -0.70 0.00	33.35 -0.85 0.00	33.77 -1.54 0.00	35.31 -1.20 0.00	34.07 -1.22 0.00	26.85 -1.56 0.00	30.06 -2.00 0.00	25.66 -2.12 -1.07	25.32 -2.66 7.82	20.61 -2.30 6.86	35.54 -2.82 -4.23	36.96 -3.84 5.08	26.49 -4.67 29.38	21.52 -3.22 14.24	25.67 -2.95 8.30	41.21 -3.52 -0.02	49.34 -3.98 -3.80	51.13 -3.22 2.05	48.44 -2.13 0.00
RAVENSWOOD_GT2_1 24244	44.46 2.03 0.00	38.16 1.67 0.00	38.83 1.65 0.00	39.33 1.68 0.00	41.92 1.74 0.00	41.98 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.62 2.32 0.00	30.38 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.67 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.36 4.24 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.82 -0.14	81.58 2.90 -29.17	59.54 3.14 0.00	53.25 2.69 0.00

RAVENSWOOD_GT2_2 24245	44.46 2.03 0.00	38.16 1.67 0.00	38.83 1.65 0.00	39.33 1.68 0.00	41.92 1.74 0.00	41.98 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.62 2.32 0.00	30.38 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.67 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.36 4.24 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.82 -0.14	81.58 2.90 -29.17	59.54 3.14 0.00	53.25 2.69 0.00
RAVENSWOOD_GT2_3 24246	44.47 2.05 0.00	38.18 1.69 0.00	38.84 1.66 0.00	39.34 1.69 0.00	41.94 1.76 0.00	42.00 1.72 0.00	35.82 1.63 0.00	37.26 1.95 0.00	38.66 2.15 0.00	37.63 2.34 0.00	30.39 1.99 0.00	34.23 2.18 0.00	38.37 1.88 -9.76	40.96 2.69 -2.47	41.63 2.18 -9.68	64.99 2.27 -28.61	65.58 3.18 -16.51	72.41 4.29 -7.58	54.18 2.79 -12.41	44.74 2.62 -5.21	47.71 2.86 -0.14	81.60 2.91 -29.17	59.57 3.17 0.00	53.28 2.72 0.00
RAVENSWOOD_GT2_4 24247	44.47 2.05 0.00	38.18 1.69 0.00	38.84 1.66 0.00	39.34 1.69 0.00	41.94 1.76 0.00	42.00 1.72 0.00	35.82 1.63 0.00	37.26 1.95 0.00	38.66 2.15 0.00	37.63 2.34 0.00	30.39 1.99 0.00	34.23 2.18 0.00	38.37 1.88 -9.76	40.96 2.69 -2.47	41.63 2.18 -9.68	64.99 2.27 -28.61	65.58 3.18 -16.51	72.41 4.29 -7.58	54.18 2.79 -12.41	44.74 2.62 -5.21	47.71 2.86 -0.14	81.60 2.91 -29.17	59.57 3.17 0.00	53.28 2.72 0.00
RAVENSWOOD_GT3_1 24248	44.47 2.04 0.00	38.16 1.68 0.00	38.83 1.65 0.00	39.33 1.69 0.00	41.92 1.74 0.00	41.99 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.14 0.00	37.62 2.33 0.00	30.38 1.97 0.00	34.22 2.17 0.00	38.36 1.87 -9.76	40.95 2.68 -2.47	41.62 2.17 -9.68	64.98 2.25 -28.61	65.56 3.16 -16.51	72.37 4.25 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.83 -0.14	81.59 2.90 -29.17	59.55 3.15 0.00	53.26 2.70 0.00
RAVENSWOOD_GT3_2 24249	44.47 2.04 0.00	38.16 1.68 0.00	38.83 1.65 0.00	39.33 1.69 0.00	41.92 1.74 0.00	41.99 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.14 0.00	37.62 2.33 0.00	30.38 1.97 0.00	34.22 2.17 0.00	38.36 1.87 -9.76	40.95 2.68 -2.47	41.62 2.17 -9.68	64.98 2.25 -28.61	65.56 3.16 -16.51	72.37 4.25 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.83 -0.14	81.59 2.90 -29.17	59.55 3.15 0.00	53.26 2.70 0.00
RAVENSWOOD_GT3_3 24250	44.52 2.09 0.00	38.21 1.72 0.00	38.88 1.70 0.00	39.37 1.73 0.00	41.97 1.79 0.00	42.04 1.77 0.00	35.86 1.67 0.00	37.29 1.98 0.00	38.70 2.19 0.00	37.68 2.38 0.00	30.43 2.02 0.00	34.27 2.22 0.00	38.40 1.91 -9.76	41.00 2.74 -2.47	41.67 2.22 -9.68	65.03 2.30 -28.61	65.63 3.24 -16.51	72.47 4.35 -7.58	54.23 2.84 -12.41	44.78 2.65 -5.21	47.76 2.90 -0.14	81.65 2.96 -29.17	59.63 3.23 0.00	53.34 2.77 0.00
RAVENSWOOD_GT3_4 24251	44.52 2.09 0.00	38.21 1.72 0.00	38.88 1.70 0.00	39.37 1.73 0.00	41.97 1.79 0.00	42.04 1.77 0.00	35.86 1.67 0.00	37.29 1.98 0.00	38.70 2.19 0.00	37.68 2.38 0.00	30.43 2.02 0.00	34.27 2.22 0.00	38.40 1.91 -9.76	41.00 2.74 -2.47	41.67 2.22 -9.68	65.03 2.30 -28.61	65.63 3.24 -16.51	72.47 4.35 -7.58	54.23 2.84 -12.41	44.78 2.65 -5.21	47.76 2.90 -0.14	81.65 2.96 -29.17	59.63 3.23 0.00	53.34 2.77 0.00
RAVENSWOOD_GT_1 23729	44.55 2.12 0.00	38.29 1.81 0.00	38.96 1.78 0.00	39.46 1.81 0.00	42.07 1.88 0.00	42.13 1.86 0.00	35.93 1.74 0.00	37.37 2.05 0.00	38.79 2.28 0.00	37.76 2.47 0.00	30.50 2.10 0.00	34.34 2.28 0.00	38.45 1.96 -9.76	41.09 2.82 -2.47	41.74 2.29 -9.68	65.11 2.38 -28.61	65.71 3.32 -16.51	72.56 4.44 -7.58	54.31 2.92 -12.41	44.86 2.73 -5.21	47.84 2.99 -0.14	81.74 3.05 -29.17	59.73 3.33 0.00	53.42 2.85 0.00
RAVENSWOOD_GT_10 24258	44.46 2.03 0.00	38.16 1.67 0.00	38.83 1.65 0.00	39.33 1.68 0.00	41.92 1.74 0.00	41.98 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.62 2.32 0.00	30.38 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.37 4.25 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.83 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00
RAVENSWOOD_GT_11 24259	44.46 2.03 0.00	38.16 1.67 0.00	38.83 1.65 0.00	39.33 1.68 0.00	41.92 1.74 0.00	41.98 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.62 2.32 0.00	30.38 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.37 4.25 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.83 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00
RAVENSWOOD_GT_4 24252	44.46 2.04 0.00	38.15 1.67 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.92 1.73 0.00	41.98 1.70 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.61 2.32 0.00	30.37 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.36 4.24 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.69 2.84 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00
RAVENSWOOD_GT_5 24254	44.46 2.04 0.00	38.15 1.67 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.92 1.73 0.00	41.98 1.70 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.61 2.32 0.00	30.37 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.36 4.24 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.69 2.84 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00
RAVENSWOOD_GT_6 24253	44.46 2.04 0.00	38.15 1.67 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.92 1.73 0.00	41.98 1.70 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.61 2.32 0.00	30.37 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.36 4.24 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.69 2.84 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00
RAVENSWOOD_GT_7 24255	44.46 2.04 0.00	38.15 1.67 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.92 1.73 0.00	41.98 1.70 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.61 2.32 0.00	30.37 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.36 4.24 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.69 2.84 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.46 2.03 0.00	38.16 1.67 0.00	38.83 1.65 0.00	39.33 1.68 0.00	41.92 1.74 0.00	41.98 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.62 2.32 0.00	30.38 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.37 4.25 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.83 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00

RAVENSWOOD_GT_9 24257	44.46 2.03 0.00	38.16 1.67 0.00	38.83 1.65 0.00	39.33 1.68 0.00	41.92 1.74 0.00	41.98 1.71 0.00	35.80 1.61 0.00	37.25 1.93 0.00	38.64 2.13 0.00	37.62 2.32 0.00	30.38 1.97 0.00	34.21 2.16 0.00	38.36 1.87 -9.76	40.94 2.68 -2.47	41.61 2.17 -9.68	64.98 2.25 -28.61	65.55 3.16 -16.51	72.37 4.25 -7.58	54.16 2.78 -12.41	44.72 2.59 -5.21	47.68 2.83 -0.14	81.59 2.90 -29.17	59.54 3.14 0.00	53.26 2.70 0.00
RAVENSWOOD___1 23533	44.48 2.06 0.00	38.21 1.73 0.00	38.88 1.70 0.00	39.37 1.73 0.00	41.98 1.79 0.00	42.04 1.76 0.00	35.85 1.66 0.00	37.29 1.98 0.00	38.70 2.20 0.00	37.68 2.39 0.00	30.44 2.03 0.00	34.27 2.22 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.68 2.23 -9.68	65.03 2.30 -28.61	65.61 3.22 -16.51	72.44 4.32 -7.58	54.22 2.83 -12.41	44.77 2.64 -5.21	47.72 2.87 -0.14	81.62 2.93 -29.17	59.61 3.21 0.00	53.31 2.75 0.00
RAVENSWOOD___2 23534	44.48 2.06 0.00	38.21 1.73 0.00	38.88 1.70 0.00	39.37 1.73 0.00	41.98 1.79 0.00	42.04 1.76 0.00	35.85 1.66 0.00	37.29 1.98 0.00	38.70 2.20 0.00	37.68 2.39 0.00	30.44 2.03 0.00	34.27 2.22 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.68 2.23 -9.68	65.03 2.30 -28.61	65.61 3.22 -16.51	72.44 4.32 -7.58	54.22 2.83 -12.41	44.77 2.64 -5.21	47.72 2.87 -0.14	81.62 2.93 -29.17	59.61 3.21 0.00	53.31 2.75 0.00
RAVENSWOOD___3 23535	44.47 2.05 0.00	38.16 1.68 0.00	38.83 1.65 0.00	39.33 1.69 0.00	41.92 1.74 0.00	41.99 1.71 0.00	35.81 1.62 0.00	37.24 1.93 0.00	38.64 2.14 0.00	37.62 2.33 0.00	30.38 1.98 0.00	34.22 2.17 0.00	38.36 1.87 -9.76	40.95 2.68 -2.47	41.62 2.18 -9.68	64.98 2.25 -28.61	65.56 3.16 -16.51	72.37 4.25 -7.58	54.17 2.78 -12.41	44.72 2.59 -5.21	47.69 2.83 -0.14	81.59 2.90 -29.17	59.56 3.16 0.00	53.26 2.70 0.00
RAVENSWOOD___4 23820	44.48 2.06 0.00	38.21 1.73 0.00	38.88 1.70 0.00	39.37 1.73 0.00	41.98 1.79 0.00	42.04 1.76 0.00	35.85 1.66 0.00	37.29 1.98 0.00	38.70 2.20 0.00	37.68 2.39 0.00	30.44 2.03 0.00	34.27 2.22 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.68 2.23 -9.68	65.03 2.30 -28.61	65.61 3.22 -16.51	72.44 4.32 -7.58	54.22 2.83 -12.41	44.77 2.64 -5.21	47.72 2.87 -0.14	81.62 2.93 -29.17	59.61 3.21 0.00	53.31 2.75 0.00
RCPL_TRUST___DRP 24196	44.44 2.02 0.00	38.15 1.67 0.00	38.82 1.64 0.00	39.31 1.66 0.00	41.91 1.73 0.00	41.98 1.71 0.00	35.82 1.63 0.00	37.26 1.95 0.00	38.66 2.15 0.00	37.63 2.34 0.00	30.38 1.97 0.00	34.23 2.17 0.00	38.37 1.88 -9.76	40.96 2.69 -2.47	41.63 2.18 -9.68	64.99 2.27 -28.60	65.59 3.20 -16.51	72.41 4.29 -7.58	54.20 2.81 -12.40	44.75 2.62 -5.21	47.72 2.87 -0.14	81.62 2.94 -29.17	59.58 3.18 0.00	53.28 2.72 0.00
RED___ROCHESTER 323720	41.22 -1.16 0.04	35.79 -0.70 0.00	36.44 -0.74 0.00	36.92 -0.73 0.00	39.36 -0.83 0.00	39.64 -0.63 0.00	33.46 -0.72 0.01	34.05 -1.14 0.12	35.55 -0.96 0.00	34.35 -0.93 0.01	27.30 -1.10 0.00	30.70 -1.36 0.00	26.39 -1.37 -1.03	33.22 -1.81 0.77	25.57 -1.50 2.69	35.13 -1.72 -2.72	43.40 -2.33 0.15	44.18 -2.91 13.46	35.01 -2.02 1.96	33.43 -1.87 1.62	42.52 -2.20 -0.02	49.85 -2.45 -2.78	52.90 -2.14 1.36	49.03 -1.54 0.00
REGAN___SOLAR 323812	44.76 2.34 0.00	38.44 1.95 0.00	39.12 1.94 0.00	39.62 1.97 0.00	42.31 2.13 0.00	42.54 2.27 0.00	36.25 2.06 0.00	37.50 2.19 0.00	38.63 2.13 0.00	36.95 1.66 0.00	29.45 1.05 0.00	33.44 1.39 0.00	40.72 1.23 -12.76	40.58 1.67 -3.12	44.05 1.63 -12.65	73.62 2.10 -37.39	70.55 3.09 -21.58	74.70 4.25 -9.91	57.88 2.69 -16.22	46.19 2.46 -6.81	47.78 2.88 -0.19	90.70 3.05 -38.13	59.85 3.46 0.00	53.58 3.01 0.00
RENSSELAER___COGEN 23796	43.56 1.14 0.00	37.48 1.00 0.00	38.20 1.02 0.00	38.70 1.06 0.00	41.30 1.11 0.00	41.28 1.00 0.00	34.94 0.75 0.00	36.24 0.93 0.00	37.39 0.88 0.00	36.21 0.92 0.00	29.22 0.82 0.00	32.98 0.92 0.00	39.11 0.80 -11.58	39.78 1.15 -2.83	42.15 0.90 -11.49	69.14 1.07 -33.94	66.89 1.42 -19.59	71.42 1.88 -9.00	54.91 1.21 -14.72	44.23 1.13 -6.18	46.25 1.37 -0.17	85.42 1.30 -34.61	57.70 1.30 0.00	51.66 1.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.71 4.29 0.00	40.31 3.83 0.00	41.24 4.06 0.00	41.75 4.11 0.00	44.74 4.56 0.00	45.40 5.13 0.00	38.86 4.67 0.00	40.33 5.02 0.00	41.43 4.92 0.00	39.60 4.31 0.00	31.54 3.13 0.00	36.06 4.01 0.00	42.04 3.37 -11.95	43.24 4.52 -2.92	45.67 4.06 -11.85	73.66 4.53 -35.00	72.97 6.88 -20.20	78.25 8.44 -9.28	59.73 5.57 -15.18	48.66 5.36 -6.37	50.99 6.11 -0.18	91.54 6.33 -35.70	63.63 7.23 0.00	56.80 6.23 0.00
REVERE_CPPR_DRP 24186	43.50 1.08 0.00	37.29 0.80 0.00	38.07 0.90 0.00	38.50 0.85 0.00	41.18 1.00 0.00	41.35 1.08 0.00	35.15 0.96 0.00	36.37 1.06 0.00	37.57 1.06 0.00	35.98 0.69 0.00	28.86 0.46 0.00	32.85 0.80 0.00	27.77 0.59 -0.45	36.48 0.57 -0.11	30.77 0.56 -0.45	36.31 0.85 -1.34	47.98 1.33 -0.77	62.61 1.72 -0.35	40.55 0.99 -0.58	37.97 0.80 -0.24	45.79 1.08 -0.01	51.95 1.08 -1.36	57.66 1.26 0.00	51.59 1.03 0.00
REYNOLDS_115KV_TB3 80639	43.67 1.25 0.00	37.59 1.11 0.00	38.32 1.14 0.00	38.84 1.19 0.00	41.44 1.25 0.00	41.41 1.13 0.00	35.12 0.93 0.00	36.44 1.13 0.00	37.59 1.08 0.00	36.37 1.08 0.00	29.33 0.93 0.00	33.13 1.07 0.00	39.26 0.93 -11.61	39.95 1.32 -2.84	42.35 1.07 -11.51	69.38 1.26 -34.00	67.15 1.65 -19.62	71.73 2.18 -9.01	55.12 1.40 -14.75	44.43 1.32 -6.19	46.50 1.63 -0.17	85.76 1.57 -34.67	57.97 1.57 0.00	51.91 1.35 0.00
RIVERBAY____ 323610	44.48 2.05 0.00	38.28 1.79 0.00	38.95 1.77 0.00	39.40 1.75 0.00	42.01 1.83 0.00	42.15 1.88 0.00	35.93 1.74 0.00	37.33 2.02 0.00	38.73 2.22 0.00	37.70 2.40 0.00	30.46 2.05 0.00	34.22 2.16 0.00	38.34 1.85 -9.76	40.93 2.66 -2.47	41.65 2.20 -9.68	65.03 2.30 -28.61	65.62 3.23 -16.51	72.58 4.46 -7.58	54.31 2.93 -12.41	44.77 2.64 -5.21	47.75 2.90 -0.14	81.62 2.93 -29.17	59.61 3.21 0.00	53.36 2.80 0.00
RIVERSDE_115KV_TB3 55908	43.65 1.23 0.00	37.56 1.08 0.00	38.29 1.11 0.00	38.80 1.16 0.00	41.41 1.22 0.00	41.37 1.09 0.00	35.06 0.87 0.00	36.36 1.05 0.00	37.51 1.01 0.00	36.33 1.04 0.00	29.31 0.90 0.00	33.09 1.03 0.00	39.24 0.89 -11.63	39.91 1.27 -2.84	42.31 1.01 -11.53	69.39 1.19 -34.07	67.12 1.58 -19.66	71.65 2.09 -9.03	55.09 1.34 -14.78	44.38 1.26 -6.20	46.41 1.53 -0.17	85.73 1.47 -34.74	57.88 1.48 0.00	51.81 1.25 0.00
ROARING___BROOK_WT_PWR 323790	42.45 0.03 0.00	36.07 -0.41 0.00	36.78 -0.40 0.00	37.21 -0.43 0.00	39.76 -0.42 0.00	39.94 -0.34 0.00	33.82 -0.38 0.00	34.90 -0.41 0.00	35.87 -0.64 0.00	34.27 -1.02 0.00	27.47 -0.93 0.00	31.22 -0.83 0.00	25.99 -0.73 0.00	34.43 -1.37 0.00	28.56 -1.20 0.00	33.06 -1.06 0.00	44.62 -1.26 0.00	59.31 -1.23 0.00	37.83 -1.15 0.00	35.68 -1.24 0.00	43.57 -1.14 0.00	48.25 -1.27 0.00	55.43 -0.97 0.00	49.47 -1.10 0.00

ROCHESRG_115KV_T4 355643	40.89 -1.54 0.00	35.47 -1.02 0.00	36.13 -1.05 0.00	36.61 -1.04 0.00	39.01 -1.17 0.00	39.29 -0.99 0.00	33.16 -1.03 0.00	33.84 -1.47 0.00	35.21 -1.30 0.00	34.04 -1.25 0.00	27.05 -1.35 0.00	30.41 -1.64 0.00	26.13 -1.61 -1.02	32.69 -2.16 0.95	25.29 -1.79 2.68	35.18 -2.09 -3.15	43.51 -2.87 -0.50	43.54 -3.63 13.36	34.26 -2.51 2.22	32.87 -2.31 1.74	42.02 -2.70 -0.02	49.45 -2.98 -2.92	52.51 -2.73 1.16	48.55 -2.01 0.00
ROCHESTER_9_IC 23652	41.09 -1.34 0.00	35.64 -0.84 0.00	36.29 -0.89 0.00	36.77 -0.88 0.00	39.20 -0.98 0.00	39.48 -0.80 0.00	33.33 -0.86 0.00	34.02 -1.29 0.00	35.39 -1.12 0.00	34.21 -1.08 0.00	27.19 -1.22 0.00	30.57 -1.49 0.00	26.27 -1.49 -1.03	33.05 -1.98 0.77	25.43 -1.64 2.69	35.38 -1.91 -3.17	43.93 -2.61 -0.66	43.82 -3.27 13.45	34.76 -2.26 1.95	33.21 -2.10 1.62	42.28 -2.44 -0.02	49.75 -2.71 -2.94	52.81 -2.41 1.18	48.81 -1.75 0.00
ROCKVIEW_13_KV_LD 356306	44.47 2.04 0.00	38.14 1.66 0.00	38.80 1.62 0.00	39.30 1.65 0.00	41.91 1.72 0.00	41.99 1.71 0.00	35.84 1.65 0.00	37.30 1.99 0.00	38.68 2.17 0.00	37.63 2.34 0.00	30.37 1.96 0.00	34.20 2.14 0.00	38.34 1.85 -9.76	40.91 2.65 -2.47	41.61 2.16 -9.68	65.01 2.28 -28.60	65.62 3.23 -16.51	72.45 4.33 -7.58	54.22 2.83 -12.41	44.78 2.65 -5.21	47.78 2.93 -0.14	81.68 2.99 -29.17	59.64 3.24 0.00	53.33 2.77 0.00
ROME____115KV_TB2 80656	43.50 1.08 0.00	37.29 0.80 0.00	38.07 0.90 0.00	38.50 0.85 0.00	41.18 1.00 0.00	41.35 1.08 0.00	35.15 0.96 0.00	36.37 1.06 0.00	37.57 1.06 0.00	35.98 0.69 0.00	28.86 0.46 0.00	32.85 0.80 0.00	27.77 0.59 -0.45	36.48 0.57 -0.11	30.77 0.56 -0.45	36.31 0.85 -1.34	47.98 1.33 -0.77	62.61 1.72 -0.35	40.55 0.99 -0.58	37.97 0.80 -0.24	45.79 1.08 -0.01	51.95 1.08 -1.36	57.66 1.26 0.00	51.59 1.03 0.00
ROSETON___1 23587	43.92 1.50 0.00	37.71 1.22 0.00	38.40 1.23 0.00	38.91 1.26 0.00	41.48 1.30 0.00	41.57 1.29 0.00	35.47 1.28 0.00	36.86 1.55 0.00	38.19 1.68 0.00	37.08 1.79 0.00	29.89 1.49 0.00	33.70 1.64 0.00	37.91 1.42 -9.76	40.22 2.03 -2.39	41.10 1.66 -9.68	64.49 1.76 -28.60	64.91 2.52 -16.51	71.50 3.37 -7.58	53.60 2.21 -12.40	44.19 2.07 -5.21	47.14 2.28 -0.14	80.97 2.28 -29.17	58.83 2.43 0.00	52.65 2.09 0.00
ROSETON___2 23588	43.92 1.50 0.00	37.71 1.22 0.00	38.40 1.23 0.00	38.91 1.26 0.00	41.48 1.30 0.00	41.57 1.29 0.00	35.47 1.28 0.00	36.86 1.55 0.00	38.19 1.68 0.00	37.08 1.79 0.00	29.89 1.49 0.00	33.70 1.64 0.00	37.91 1.42 -9.76	40.22 2.03 -2.39	41.10 1.66 -9.68	64.49 1.76 -28.60	64.91 2.52 -16.51	71.50 3.37 -7.58	53.60 2.21 -12.40	44.19 2.07 -5.21	47.14 2.28 -0.14	80.97 2.28 -29.17	58.83 2.43 0.00	52.65 2.09 0.00
ROTRRDAM_115KV_TB3 80664	43.53 1.11 0.00	37.45 0.96 0.00	38.17 0.99 0.00	38.66 1.01 0.00	41.27 1.08 0.00	41.35 1.07 0.00	35.19 1.00 0.00	36.44 1.13 0.00	37.63 1.13 0.00	36.34 1.05 0.00	29.21 0.81 0.00	33.00 0.95 0.00	39.63 0.83 -12.07	39.92 1.17 -2.95	42.74 1.01 -11.97	70.67 1.18 -35.36	67.95 1.65 -20.41	72.09 2.18 -9.37	55.72 1.40 -15.34	44.68 1.31 -6.44	46.42 1.54 -0.18	87.15 1.57 -36.07	58.08 1.68 0.00	52.02 1.46 0.00
RUSSELL___1 23602	41.26 -1.16 0.00	35.79 -0.70 0.00	36.44 -0.74 0.00	36.92 -0.73 0.00	39.36 -0.83 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	34.17 -1.14 0.00	35.56 -0.95 0.00	34.36 -0.93 0.00	27.30 -1.10 0.00	30.70 -1.35 0.00	26.38 -1.38 -1.03	33.21 -1.82 0.77	25.57 -1.50 2.69	35.55 -1.74 -3.17	44.18 -2.36 -0.66	44.17 -2.91 13.46	34.97 -2.05 1.96	33.41 -1.89 1.62	42.52 -2.20 -0.02	50.01 -2.44 -2.94	53.09 -2.13 1.18	49.07 -1.50 0.00
RUSSELL___2 23532	41.26 -1.16 0.00	35.79 -0.70 0.00	36.44 -0.74 0.00	36.92 -0.73 0.00	39.36 -0.83 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	34.17 -1.14 0.00	35.56 -0.95 0.00	34.36 -0.93 0.00	27.30 -1.10 0.00	30.70 -1.35 0.00	26.38 -1.38 -1.03	33.21 -1.82 0.77	25.57 -1.50 2.69	35.55 -1.74 -3.17	44.18 -2.36 -0.66	44.17 -2.91 13.46	34.97 -2.05 1.96	33.41 -1.89 1.62	42.52 -2.20 -0.02	50.01 -2.44 -2.94	53.09 -2.13 1.18	49.07 -1.50 0.00
RUSSELL___3 23549	41.26 -1.16 0.00	35.79 -0.70 0.00	36.44 -0.74 0.00	36.92 -0.73 0.00	39.36 -0.83 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	34.17 -1.14 0.00	35.56 -0.95 0.00	34.36 -0.93 0.00	27.30 -1.10 0.00	30.70 -1.35 0.00	26.38 -1.38 -1.03	33.21 -1.82 0.77	25.57 -1.50 2.69	35.55 -1.74 -3.17	44.18 -2.36 -0.66	44.17 -2.91 13.46	34.97 -2.05 1.96	33.41 -1.89 1.62	42.52 -2.20 -0.02	50.01 -2.44 -2.94	53.09 -2.13 1.18	49.07 -1.50 0.00
RUSSELL___4 23556	41.26 -1.16 0.00	35.79 -0.70 0.00	36.44 -0.74 0.00	36.92 -0.73 0.00	39.36 -0.83 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	34.17 -1.14 0.00	35.56 -0.95 0.00	34.36 -0.93 0.00	27.30 -1.10 0.00	30.70 -1.35 0.00	26.38 -1.38 -1.03	33.21 -1.82 0.77	25.57 -1.50 2.69	35.55 -1.74 -3.17	44.18 -2.36 -0.66	44.17 -2.91 13.46	34.97 -2.05 1.96	33.41 -1.89 1.62	42.52 -2.20 -0.02	50.01 -2.44 -2.94	53.09 -2.13 1.18	49.07 -1.50 0.00
RUSSELL___STATION 23914	41.26 -1.16 0.00	35.79 -0.70 0.00	36.44 -0.74 0.00	36.92 -0.73 0.00	39.36 -0.83 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	34.17 -1.14 0.00	35.56 -0.95 0.00	34.36 -0.93 0.00	27.30 -1.10 0.00	30.70 -1.35 0.00	26.38 -1.38 -1.03	33.21 -1.82 0.77	25.57 -1.50 2.69	35.55 -1.74 -3.17	44.18 -2.36 -0.66	44.17 -2.91 13.46	34.97 -2.05 1.96	33.41 -1.89 1.62	42.52 -2.20 -0.02	50.01 -2.44 -2.94	53.09 -2.13 1.18	49.07 -1.50 0.00
S SALMON___HYD 24043	41.73 -0.69 0.00	35.80 -0.68 0.00	36.61 -0.57 0.00	37.01 -0.64 0.00	39.47 -0.72 0.00	39.60 -0.67 0.00	33.54 -0.66 0.00	34.64 -0.67 0.00	35.69 -0.82 0.00	34.41 -0.89 0.00	27.67 -0.74 0.00	31.36 -0.70 0.00	26.75 -0.63 -0.65	34.94 -1.02 -0.16	29.47 -0.94 -0.65	35.05 -0.99 -1.91	45.67 -1.32 -1.11	59.42 -1.62 -0.51	38.77 -1.04 -0.83	36.18 -1.09 -0.35	43.55 -1.17 -0.01	50.24 -1.23 -1.95	55.11 -1.29 0.00	49.41 -1.15 0.00
S.PERRY__115KV_TB1 80734	42.33 -0.09 0.00	36.66 0.17 0.00	37.35 0.17 0.00	37.90 0.25 0.00	40.47 0.28 0.00	40.86 0.59 0.00	34.54 0.35 0.00	35.30 -0.02 0.00	36.87 0.36 0.00	35.64 0.35 0.00	28.17 -0.23 0.00	31.42 -0.63 0.00	28.37 -1.06 -2.71	59.78 -1.32 -25.30	28.34 -1.09 0.34	37.72 -0.95 -4.55	68.04 -1.24 -23.39	49.14 -1.44 9.96	75.96 -1.07 -38.05	53.92 -1.05 -18.05	43.48 -1.25 -0.02	52.04 -1.39 -3.91	52.51 -0.96 2.93	50.11 -0.45 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.38 -2.05 0.00	35.26 -1.22 0.00	35.93 -1.25 0.00	36.44 -1.21 0.00	38.74 -1.45 0.00	39.10 -1.17 0.00	32.89 -1.30 0.00	33.31 -2.01 0.00	34.80 -1.71 0.00	33.61 -1.68 0.00	26.46 -1.94 0.00	29.64 -2.42 0.00	25.29 -2.46 -1.03	25.17 -3.16 7.47	20.66 -2.69 6.42	34.89 -3.30 -4.07	36.53 -4.52 4.83	27.35 -5.59 27.60	21.61 -3.84 13.53	25.50 -3.55 7.88	40.56 -4.17 -0.02	48.47 -4.72 -3.67	50.44 -4.04 1.92	47.74 -2.82 0.00

SAWYER___23_KV_LOAD 55526	40.38 -2.05 0.00	35.26 -1.22 0.00	35.93 -1.25 0.00	36.44 -1.21 0.00	38.74 -1.45 0.00	39.10 -1.17 0.00	32.89 -1.30 0.00	33.31 -2.01 0.00	34.80 -1.71 0.00	33.61 -1.68 0.00	26.46 -1.94 0.00	29.64 -2.42 0.00	25.29 -2.46 -1.03	25.17 -3.16 7.47	20.66 -2.69 6.42	34.89 -3.30 -4.07	36.53 -4.52 4.83	27.35 -5.59 27.60	21.61 -3.84 13.53	25.50 -3.55 7.88	40.56 -4.17 -0.02	48.47 -4.72 -3.67	50.44 -4.04 1.92	47.74 -2.82 0.00
SELKIRK___I 23801	43.81 1.39 0.00	37.70 1.22 0.00	38.43 1.25 0.00	38.94 1.29 0.00	41.56 1.37 0.00	41.57 1.30 0.00	35.26 1.06 0.00	36.51 1.20 0.00	37.62 1.11 0.00	36.27 0.97 0.00	29.22 0.82 0.00	33.03 0.97 0.00	39.04 0.90 -11.42	39.90 1.31 -2.79	42.15 1.06 -11.33	68.84 1.25 -33.46	66.90 1.70 -19.31	71.64 2.23 -8.87	54.92 1.43 -14.51	44.36 1.34 -6.09	46.50 1.63 -0.17	85.27 1.63 -34.13	58.10 1.70 0.00	52.06 1.50 0.00
SELKIRK___II 23799	43.50 1.08 0.00	37.42 0.94 0.00	38.14 0.96 0.00	38.64 0.99 0.00	41.23 1.05 0.00	41.24 0.96 0.00	34.98 0.79 0.00	36.26 0.94 0.00	37.43 0.93 0.00	36.22 0.93 0.00	29.21 0.81 0.00	32.96 0.90 0.00	39.06 0.80 -11.54	39.76 1.15 -2.82	42.12 0.92 -11.44	68.98 1.06 -33.80	66.82 1.43 -19.50	71.38 1.89 -8.96	54.85 1.22 -14.66	44.22 1.14 -6.15	46.25 1.37 -0.17	85.31 1.33 -34.47	57.76 1.36 0.00	51.74 1.17 0.00
SENECA OSWGO___HYD 24041	41.38 -1.04 0.00	35.66 -0.82 0.00	36.34 -0.84 0.00	36.79 -0.86 0.00	39.28 -0.90 0.00	39.40 -0.87 0.00	33.37 -0.82 0.00	34.32 -0.99 0.00	35.50 -1.01 0.00	34.33 -0.97 0.00	27.60 -0.80 0.00	31.16 -0.90 0.00	26.68 -0.77 -0.73	34.85 -1.13 -0.18	29.60 -0.89 -0.72	35.24 -1.01 -2.13	45.73 -1.39 -1.23	59.24 -1.86 -0.56	38.75 -1.16 -0.92	36.25 -1.06 -0.39	43.46 -1.26 -0.01	50.48 -1.21 -2.17	55.06 -1.33 0.00	49.44 -1.12 0.00
SENECA___115KV_TB3 355854	40.94 -1.49 0.00	35.73 -0.76 0.00	36.43 -0.75 0.00	36.96 -0.69 0.00	39.30 -0.88 0.00	39.65 -0.63 0.00	33.39 -0.80 0.00	33.83 -1.48 0.00	35.36 -1.15 0.00	34.14 -1.16 0.00	26.89 -1.51 0.00	30.10 -1.95 0.00	25.71 -2.08 -1.07	25.38 -2.60 7.82	20.66 -2.24 6.86	35.60 -2.76 -4.23	37.04 -3.76 5.08	26.59 -4.57 29.38	21.60 -3.14 14.24	25.74 -2.89 8.30	41.30 -3.43 -0.02	49.43 -3.89 -3.80	51.23 -3.12 2.05	48.52 -2.04 0.00
SENECA___ENERGY 23797	41.79 -0.64 0.00	36.08 -0.40 0.00	36.78 -0.40 0.00	37.22 -0.42 0.00	39.75 -0.43 0.00	40.00 -0.27 0.00	33.88 -0.32 0.00	34.79 -0.52 0.00	36.14 -0.36 0.00	34.94 -0.35 0.00	27.94 -0.46 0.00	31.37 -0.68 0.00	27.33 -0.64 -1.25	36.87 -0.88 -1.96	29.24 -0.81 -0.28	36.71 -0.84 -3.42	48.06 -1.12 -3.30	56.18 -1.65 2.71	41.48 -1.04 -3.54	37.47 -0.93 -1.49	43.61 -1.12 -0.02	51.79 -1.10 -3.38	54.89 -1.06 0.45	49.81 -0.75 0.00
SHOEMAKER___GT 23640	43.77 1.35 0.00	37.60 1.11 0.00	38.28 1.10 0.00	38.78 1.13 0.00	41.37 1.18 0.00	41.45 1.18 0.00	35.37 1.18 0.00	36.72 1.41 0.00	38.02 1.52 0.00	36.83 1.54 0.00	29.66 1.26 0.00	33.48 1.43 0.00	36.89 1.25 -8.92	39.68 1.80 -2.09	40.08 1.47 -8.84	61.82 1.57 -26.12	63.22 2.26 -15.07	70.52 3.06 -6.92	52.31 2.00 -11.33	43.53 1.85 -4.76	46.91 2.07 -0.13	78.22 2.07 -26.64	58.61 2.21 0.00	52.49 1.92 0.00
SHOEMAKR_138KV_BK 111 55601	43.75 1.32 0.00	37.58 1.09 0.00	38.26 1.08 0.00	38.76 1.12 0.00	41.35 1.17 0.00	41.43 1.16 0.00	35.35 1.15 0.00	36.69 1.38 0.00	38.01 1.50 0.00	36.84 1.55 0.00	29.68 1.28 0.00	33.48 1.43 0.00	36.80 1.24 -8.84	39.66 1.79 -2.07	39.99 1.47 -8.76	61.56 1.55 -25.89	63.07 2.24 -14.94	70.43 3.03 -6.86	52.19 1.98 -11.23	43.47 1.83 -4.72	46.86 2.03 -0.13	77.96 2.04 -26.40	58.58 2.18 0.00	52.45 1.89 0.00
SHOREHAM_IC_1 23715	45.20 2.78 0.00	38.80 2.32 0.00	39.28 2.10 0.00	39.81 2.16 0.00	42.35 2.17 0.00	42.57 2.30 0.00	36.47 2.28 0.00	38.10 2.78 0.00	39.45 2.94 0.00	38.62 3.32 0.00	32.00 2.69 -0.91	34.75 2.70 0.00	43.89 2.34 -14.83	70.50 3.53 -31.17	42.41 2.96 -9.69	65.72 2.99 -28.61	66.45 4.05 -16.51	73.55 5.43 -7.58	54.47 3.08 -12.41	45.25 3.12 -5.21	48.29 3.44 -0.14	82.06 3.37 -29.18	60.23 3.82 0.00	53.25 2.68 0.00
SHOREHAM_IC_2 23716	45.20 2.78 0.00	38.80 2.32 0.00	39.28 2.10 0.00	39.81 2.16 0.00	42.35 2.17 0.00	42.57 2.30 0.00	36.47 2.28 0.00	38.10 2.78 0.00	39.45 2.94 0.00	38.62 3.32 0.00	32.00 2.69 -0.91	34.75 2.70 0.00	43.89 2.34 -14.83	70.50 3.53 -31.17	42.41 2.96 -9.69	65.72 2.99 -28.61	66.45 4.05 -16.51	73.55 5.43 -7.58	54.47 3.08 -12.41	45.25 3.12 -5.21	48.29 3.44 -0.14	82.06 3.37 -29.18	60.23 3.82 0.00	53.25 2.68 0.00
SISSONVILLE____ 23735	43.01 0.59 0.00	36.20 -0.29 0.00	36.72 -0.46 0.00	37.13 -0.52 0.00	39.76 -0.42 0.00	40.06 -0.22 0.00	34.01 -0.19 0.00	35.21 -0.10 0.00	36.13 -0.38 0.00	34.06 -1.23 0.00	27.12 -1.29 0.00	31.23 -0.82 0.00	26.21 -0.71 -0.20	34.27 -1.58 -0.05	28.55 -1.42 -0.20	33.81 -0.91 -0.59	45.10 -1.12 -0.34	60.11 -0.58 -0.16	38.06 -1.17 -0.26	35.47 -1.56 -0.11	43.38 -1.33 0.00	48.61 -1.51 -0.61	55.44 -0.96 0.00	49.08 -1.48 0.00
SITHE_IND_GS1 24169	41.14 -1.29 0.00	35.44 -1.05 0.00	36.11 -1.07 0.00	36.56 -1.09 0.00	39.02 -1.17 0.00	39.12 -1.16 0.00	33.11 -1.08 0.00	34.02 -1.29 0.00	35.18 -1.33 0.00	34.03 -1.26 0.00	27.42 -0.99 0.00	30.89 -1.16 0.00	26.30 -0.98 -0.57	34.55 -1.39 -0.14	29.21 -1.12 -0.56	34.47 -1.32 -1.66	44.99 -1.85 -0.96	58.48 -2.50 -0.44	38.12 -1.58 -0.72	35.78 -1.45 -0.30	43.00 -1.71 -0.01	49.57 -1.64 -1.70	54.62 -1.77 0.00	49.04 -1.52 0.00
SITHE_IND_GS2 24170	41.14 -1.29 0.00	35.44 -1.05 0.00	36.11 -1.07 0.00	36.56 -1.09 0.00	39.02 -1.17 0.00	39.12 -1.16 0.00	33.11 -1.08 0.00	34.02 -1.29 0.00	35.18 -1.33 0.00	34.03 -1.26 0.00	27.42 -0.99 0.00	30.89 -1.16 0.00	26.30 -0.98 -0.57	34.55 -1.39 -0.14	29.21 -1.12 -0.56	34.47 -1.32 -1.66	44.99 -1.85 -0.96	58.48 -2.50 -0.44	38.12 -1.58 -0.72	35.78 -1.45 -0.30	43.00 -1.71 -0.01	49.57 -1.64 -1.70	54.62 -1.77 0.00	49.04 -1.52 0.00
SITHE_IND_GS3 24171	41.14 -1.29 0.00	35.44 -1.05 0.00	36.11 -1.07 0.00	36.56 -1.09 0.00	39.02 -1.17 0.00	39.12 -1.16 0.00	33.11 -1.08 0.00	34.02 -1.29 0.00	35.18 -1.33 0.00	34.03 -1.26 0.00	27.42 -0.99 0.00	30.89 -1.16 0.00	26.30 -0.98 -0.57	34.55 -1.39 -0.14	29.21 -1.12 -0.56	34.47 -1.32 -1.66	44.99 -1.85 -0.96	58.48 -2.50 -0.44	38.12 -1.58 -0.72	35.78 -1.45 -0.30	43.00 -1.71 -0.01	49.57 -1.64 -1.70	54.62 -1.77 0.00	49.04 -1.52 0.00
SITHE_IND_GS4 24172	41.14 -1.29 0.00	35.44 -1.05 0.00	36.11 -1.07 0.00	36.56 -1.09 0.00	39.02 -1.17 0.00	39.12 -1.16 0.00	33.11 -1.08 0.00	34.02 -1.29 0.00	35.18 -1.33 0.00	34.03 -1.26 0.00	27.42 -0.99 0.00	30.89 -1.16 0.00	26.30 -0.98 -0.57	34.55 -1.39 -0.14	29.21 -1.12 -0.56	34.47 -1.32 -1.66	44.99 -1.85 -0.96	58.48 -2.50 -0.44	38.12 -1.58 -0.72	35.78 -1.45 -0.30	43.00 -1.71 -0.01	49.57 -1.64 -1.70	54.62 -1.77 0.00	49.04 -1.52 0.00

SITHE___BATAVIA 24024	41.34 -1.02 0.06	36.05 -0.44 0.00	36.70 -0.47 0.00	37.23 -0.42 0.00	39.64 -0.54 0.00	40.02 -0.25 0.00	33.74 -0.44 0.02	34.08 -1.06 0.17	35.74 -0.77 0.00	34.48 -0.79 0.02	27.00 -1.41 0.00	30.27 -1.78 0.00	25.93 -1.83 -1.04	29.60 -2.30 3.90	23.38 -1.91 4.47	34.79 -2.28 -2.94	39.99 -2.79 3.10	37.19 -3.15 20.19	29.41 -2.21 7.36	30.31 -2.07 4.54	42.19 -2.54 -0.02	49.60 -2.98 -3.07	52.31 -2.28 1.80	49.08 -1.48 0.00
SITHE___INDEPEND 23800	41.13 -1.29 0.00	35.44 -1.05 0.00	36.11 -1.07 0.00	36.56 -1.09 0.00	39.02 -1.17 0.00	39.12 -1.16 0.00	33.11 -1.08 0.00	34.02 -1.29 0.00	35.19 -1.32 0.00	34.03 -1.26 0.00	27.42 -0.99 0.00	30.89 -1.16 0.00	26.30 -0.99 -0.57	34.55 -1.39 -0.14	29.21 -1.12 -0.56	34.47 -1.32 -1.66	44.99 -1.85 -0.96	58.48 -2.50 -0.44	38.13 -1.57 -0.72	35.78 -1.45 -0.30	43.00 -1.71 -0.01	49.57 -1.64 -1.70	54.63 -1.77 0.00	49.05 -1.52 0.00
SITHE___MASSENA 23902	43.00 0.57 0.00	36.17 -0.31 0.00	36.63 -0.55 0.00	37.04 -0.60 0.00	39.68 -0.50 0.00	39.97 -0.31 0.00	33.90 -0.29 0.00	35.07 -0.25 0.00	36.02 -0.49 0.00	33.97 -1.32 0.00	27.07 -1.33 0.00	31.18 -0.88 0.00	26.11 -0.76 -0.15	34.26 -1.58 -0.04	28.49 -1.42 -0.15	33.60 -0.96 -0.44	44.82 -1.32 -0.26	59.86 -0.79 -0.12	37.82 -1.35 -0.19	35.29 -1.71 -0.08	43.17 -1.54 0.00	48.30 -1.67 -0.45	55.31 -1.09 0.00	49.00 -1.57 0.00
SITHE___OGDNSBRG 24021	43.60 1.18 0.00	36.68 0.19 0.00	37.16 -0.02 0.00	37.57 -0.08 0.00	40.28 0.09 0.00	40.61 0.34 0.00	34.49 0.30 0.00	35.70 0.39 0.00	36.68 0.17 0.00	34.47 -0.82 0.00	27.27 -1.13 0.00	31.40 -0.65 0.00	26.37 -0.53 -0.18	34.58 -1.27 -0.04	28.86 -1.09 -0.18	34.17 -0.49 -0.53	45.75 -0.44 -0.31	61.09 0.41 -0.14	38.63 -0.58 -0.23	36.02 -0.99 -0.10	44.07 -0.64 0.00	49.33 -0.73 -0.54	56.31 -0.09 0.00	49.82 -0.74 0.00
SITHE___STERLING 23777	43.21 0.79 0.00	37.13 0.64 0.00	37.89 0.71 0.00	38.32 0.67 0.00	41.00 0.81 0.00	41.16 0.89 0.00	34.95 0.77 0.00	36.14 0.82 0.00	37.41 0.90 0.00	35.89 0.60 0.00	28.83 0.43 0.00	32.71 0.66 0.00	27.74 0.49 -0.53	36.47 0.54 -0.13	30.78 0.49 -0.53	36.37 0.69 -1.56	47.83 1.05 -0.90	62.20 1.26 -0.41	40.40 0.74 -0.67	37.82 0.61 -0.28	45.49 0.78 -0.01	51.93 0.83 -1.59	57.35 0.95 0.00	51.37 0.81 0.00
SLEIGHT__34_KV_TB1 80719	41.30 -1.13 0.00	35.72 -0.77 0.00	36.37 -0.81 0.00	36.85 -0.80 0.00	39.32 -0.86 0.00	39.57 -0.71 0.00	33.48 -0.71 0.00	34.31 -1.00 0.00	35.66 -0.85 0.00	34.47 -0.82 0.00	27.51 -0.89 0.00	30.93 -1.13 0.00	26.73 -1.06 -1.07	34.65 -1.41 -0.26	27.68 -1.21 0.88	35.87 -1.38 -3.12	45.70 -1.83 -1.65	51.62 -2.33 6.59	37.84 -1.58 -0.44	35.27 -1.47 0.17	42.98 -1.74 -0.02	50.65 -1.88 -3.02	53.96 -1.78 0.65	49.24 -1.32 0.00
SOUTH CAIRO___GT 23612	45.52 3.10 0.00	39.20 2.72 0.00	39.94 2.76 0.00	40.48 2.83 0.00	43.24 3.05 0.00	43.34 3.06 0.00	36.77 2.58 0.00	38.17 2.87 0.00	39.28 2.77 0.00	37.57 2.28 0.00	30.24 1.84 0.00	34.11 2.05 0.00	39.78 2.00 -11.05	41.46 2.96 -2.70	43.12 2.39 -10.96	69.39 2.89 -32.38	68.66 4.08 -18.69	74.65 5.53 -8.59	56.48 3.46 -14.05	45.99 3.18 -5.90	48.77 3.90 -0.16	86.50 3.96 -33.02	60.71 4.31 0.00	54.27 3.71 0.00
SOUTH HAMPTN___IC 23720	45.12 2.69 0.00	38.72 2.23 0.00	39.18 2.00 0.00	39.71 2.06 0.00	42.26 2.08 0.00	42.59 2.31 0.00	36.45 2.26 0.00	38.15 2.84 0.00	39.59 3.08 0.00	38.87 3.57 0.00	32.19 2.88 -0.91	35.11 3.06 0.00	44.20 2.65 -14.83	70.76 3.83 -31.13	42.78 3.33 -9.69	66.14 3.40 -28.61	67.25 4.85 -16.51	74.74 6.61 -7.58	54.97 3.58 -12.41	45.73 3.60 -5.21	48.80 3.95 -0.14	82.47 3.78 -29.18	60.73 4.33 0.00	53.63 3.07 0.00
SOUTHDOW_115KV_TB1 355954	42.12 -0.30 0.00	36.88 0.40 0.00	37.68 0.49 0.00	38.24 0.59 0.00	40.35 0.16 0.00	40.78 0.50 0.00	34.54 0.35 0.00	35.04 -0.27 0.00	36.60 0.09 0.00	35.39 0.10 0.00	27.95 -0.45 0.00	31.32 -0.73 0.00	26.93 -1.11 -1.32	29.77 -1.43 4.60	21.70 -1.33 6.73	36.93 -1.72 -4.52	41.35 -2.31 2.22	28.27 -2.57 29.70	27.92 -1.72 9.34	29.59 -1.41 5.93	42.74 -1.99 -0.02	51.42 -2.13 -4.04	52.89 -1.16 2.34	50.20 -0.36 0.00
SOUTHOLD_69_KV_BK 2 55809	44.72 2.30 0.00	38.36 1.88 0.00	38.82 1.64 0.00	39.34 1.69 0.00	41.86 1.68 0.00	42.32 2.04 0.00	36.17 1.98 0.00	37.95 2.64 0.00	39.51 3.00 0.00	38.93 3.63 0.00	32.20 2.89 -0.91	35.26 3.21 0.00	44.38 2.84 -14.83	70.90 3.97 -31.13	42.99 3.54 -9.69	66.35 3.61 -28.61	67.78 5.38 -16.51	75.53 7.41 -7.58	55.16 3.77 -12.41	45.94 3.81 -5.21	48.97 4.11 -0.14	82.48 3.78 -29.18	60.77 4.37 0.00	53.53 2.96 0.00
SOUTHOLD___IC 23719	44.72 2.30 0.00	38.36 1.88 0.00	38.82 1.64 0.00	39.34 1.69 0.00	41.86 1.68 0.00	42.32 2.04 0.00	36.17 1.98 0.00	37.95 2.64 0.00	39.51 3.00 0.00	38.93 3.63 0.00	32.20 2.89 -0.91	35.26 3.20 0.00	44.38 2.84 -14.83	70.90 3.97 -31.13	42.99 3.54 -9.69	66.35 3.62 -28.61	67.77 5.37 -16.51	75.52 7.40 -7.58	55.17 3.78 -12.41	45.94 3.81 -5.21	48.96 4.11 -0.14	82.48 3.78 -29.18	60.80 4.40 0.00	53.53 2.97 0.00
SOUTH_FORK_WT_PWR 323839	44.07 1.65 0.00	37.79 1.31 0.00	38.25 1.07 0.00	38.74 1.10 0.00	41.24 1.06 0.00	41.80 1.53 0.00	35.67 1.48 0.00	37.49 2.18 0.00	39.14 2.63 0.00	38.71 3.42 0.00	32.00 2.69 -0.91	35.16 3.10 0.00	44.34 2.79 -14.83	70.72 3.79 -31.13	42.92 3.47 -9.69	66.21 3.48 -28.61	67.75 5.35 -16.51	75.55 7.43 -7.58	54.92 3.54 -12.41	45.74 3.62 -5.21	48.67 3.82 -0.14	82.01 3.32 -29.18	60.35 3.95 0.00	53.03 2.47 0.00
SPIERFLS_115KV_TB 1 80737	44.83 2.41 0.00	38.64 2.15 0.00	39.42 2.24 0.00	39.91 2.26 0.00	42.67 2.48 0.00	42.91 2.63 0.00	36.61 2.42 0.00	37.96 2.65 0.00	39.18 2.67 0.00	37.69 2.40 0.00	30.18 1.78 0.00	34.17 2.12 0.00	40.52 1.83 -11.96	41.16 2.44 -2.92	43.73 2.10 -11.86	71.69 2.53 -35.04	69.78 3.67 -20.22	74.59 4.76 -9.29	57.25 3.07 -15.20	46.21 2.91 -6.38	48.23 3.35 -0.18	88.71 3.46 -35.73	60.29 3.89 0.00	53.89 3.33 0.00
ST LAWRENCE____ 23600	42.51 0.08 0.00	35.77 -0.71 0.00	36.21 -0.97 0.00	36.63 -1.02 0.00	39.24 -0.94 0.00	39.51 -0.76 0.00	33.51 -0.69 0.00	34.66 -0.65 0.00	35.62 -0.89 0.00	33.59 -1.70 0.00	26.80 -1.61 0.00	30.85 -1.20 0.00	25.69 -1.03 0.00	33.85 -1.95 0.00	28.04 -1.72 0.00	32.80 -1.33 0.00	44.03 -1.85 0.00	59.00 -1.54 0.00	37.16 -1.81 0.00	34.79 -2.14 0.00	42.65 -2.06 0.00	47.29 -2.22 0.00	54.66 -1.74 0.00	48.42 -2.15 0.00
STATE_CA_115KV_115_LB 55624	43.74 1.31 0.00	37.63 1.15 0.00	38.36 1.18 0.00	38.87 1.22 0.00	41.48 1.29 0.00	41.45 1.18 0.00	35.11 0.92 0.00	36.41 1.11 0.00	37.58 1.08 0.00	36.40 1.11 0.00	29.37 0.96 0.00	33.15 1.09 0.00	39.35 0.93 -11.70	40.00 1.34 -2.86	42.42 1.06 -11.60	69.66 1.26 -34.28	67.35 1.68 -19.78	71.85 2.23 -9.09	55.26 1.42 -14.87	44.49 1.33 -6.24	46.48 1.60 -0.17	86.02 1.55 -34.96	57.98 1.58 0.00	51.89 1.33 0.00

STATE_ST_34_KV_LOAD 55959	42.21 -0.21 0.00	36.40 -0.08 0.00	37.11 -0.07 0.00	37.56 -0.09 0.00	40.12 -0.07 0.00	40.31 0.04 0.00	34.16 -0.03 0.00	35.12 -0.19 0.00	36.44 -0.07 0.00	35.21 -0.08 0.00	28.25 -0.16 0.00	31.77 -0.29 0.00	27.61 -0.27 -1.15	35.79 -0.29 -0.28	32.36 -0.33 -2.92	37.17 -0.34 -3.39	47.59 -0.39 -2.10	67.65 -0.58 -7.69	40.95 -0.33 -2.31	37.93 -0.29 -1.30	44.36 -0.36 -0.02	52.86 -0.26 -3.60	56.77 -0.23 -0.61	50.50 -0.07 0.00
STATION 5_MISC_HYD 23604	41.05 -1.33 0.04	35.64 -0.84 0.00	36.30 -0.88 0.00	36.77 -0.88 0.00	39.20 -0.98 0.00	39.47 -0.80 0.00	33.32 -0.86 0.01	33.91 -1.29 0.12	35.39 -1.12 0.00	34.21 -1.08 0.01	27.19 -1.22 0.00	30.56 -1.49 0.00	26.28 -1.48 -1.03	33.06 -1.97 0.77	25.42 -1.65 2.69	34.95 -1.89 -2.72	43.15 -2.58 0.15	43.84 -3.25 13.45	34.79 -2.24 1.95	33.22 -2.08 1.62	42.28 -2.44 -0.02	49.59 -2.71 -2.78	52.62 -2.43 1.36	48.77 -1.78 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.67 -0.76 0.00	36.05 -0.44 0.00	36.71 -0.47 0.00	37.18 -0.47 0.00	39.69 -0.50 0.00	39.97 -0.30 0.00	33.81 -0.38 0.00	34.63 -0.68 0.00	36.01 -0.50 0.00	34.81 -0.49 0.00	27.74 -0.66 0.00	31.17 -0.89 0.00	26.91 -0.90 -1.09	34.86 -1.21 -0.27	26.42 -1.04 2.31	36.19 -1.14 -3.20	45.98 -1.48 -1.58	46.52 -1.86 12.16	37.47 -1.30 0.22	35.03 -1.18 0.72	43.32 -1.41 -0.02	50.95 -1.55 -2.98	53.91 -1.34 1.15	49.67 -0.89 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.95 -1.48 0.00	35.50 -0.99 0.00	36.14 -1.03 0.00	36.62 -1.03 0.00	39.04 -1.15 0.00	39.31 -0.96 0.00	33.21 -0.99 0.00	33.93 -1.38 0.00	35.28 -1.23 0.00	34.11 -1.18 0.00	27.13 -1.27 0.00	30.51 -1.55 0.00	26.28 -1.52 -1.08	34.03 -2.03 -0.26	25.75 -1.68 2.34	35.32 -1.95 -3.15	44.78 -2.65 -1.55	44.97 -3.34 12.22	36.42 -2.31 0.25	34.04 -2.15 0.73	42.22 -2.51 -0.02	49.67 -2.77 -2.93	52.69 -2.56 1.15	48.66 -1.90 0.00
STA_56___34_KV_BUS2 355983	40.95 -1.48 0.00	35.50 -0.99 0.00	36.14 -1.03 0.00	36.62 -1.03 0.00	39.04 -1.15 0.00	39.31 -0.96 0.00	33.21 -0.99 0.00	33.93 -1.38 0.00	35.28 -1.23 0.00	34.11 -1.18 0.00	27.13 -1.27 0.00	30.51 -1.55 0.00	26.28 -1.52 -1.08	34.03 -2.03 -0.26	25.75 -1.68 2.34	35.32 -1.95 -3.15	44.78 -2.65 -1.55	44.97 -3.34 12.22	36.42 -2.31 0.25	34.04 -2.15 0.73	42.22 -2.51 -0.02	49.67 -2.77 -2.93	52.69 -2.56 1.15	48.66 -1.90 0.00
STA_67___115KV_BK2 355882	41.01 -1.42 0.00	35.57 -0.91 0.00	36.23 -0.95 0.00	36.71 -0.94 0.00	39.13 -1.06 0.00	39.41 -0.87 0.00	33.26 -0.93 0.00	33.96 -1.36 0.00	35.32 -1.19 0.00	34.15 -1.15 0.00	27.13 -1.27 0.00	30.51 -1.55 0.00	26.22 -1.54 -1.03	32.95 -2.05 0.80	25.37 -1.70 2.70	35.31 -1.99 -3.17	43.81 -2.71 -0.64	43.69 -3.40 13.44	34.62 -2.36 1.99	33.10 -2.18 1.64	42.18 -2.54 -0.02	49.64 -2.82 -2.94	52.69 -2.53 1.18	48.71 -1.85 0.00
STA_7___115KV_9TRANS 80674	41.26 -1.16 0.00	35.79 -0.70 0.00	36.44 -0.74 0.00	36.92 -0.73 0.00	39.36 -0.83 0.00	39.64 -0.63 0.00	33.47 -0.72 0.00	34.17 -1.14 0.00	35.56 -0.95 0.00	34.36 -0.93 0.00	27.30 -1.10 0.00	30.70 -1.35 0.00	26.38 -1.38 -1.03	33.21 -1.82 0.77	25.57 -1.50 2.69	35.55 -1.74 -3.17	44.18 -2.36 -0.66	44.17 -2.91 13.46	34.97 -2.05 1.96	33.41 -1.89 1.62	42.52 -2.20 -0.02	50.01 -2.44 -2.94	53.09 -2.13 1.18	49.07 -1.50 0.00
STA_82___115KV_TB1 80780	41.01 -1.41 0.00	35.58 -0.90 0.00	36.24 -0.94 0.00	36.73 -0.92 0.00	39.14 -1.04 0.00	39.42 -0.86 0.00	33.28 -0.92 0.00	33.97 -1.34 0.00	35.34 -1.17 0.00	34.17 -1.13 0.00	27.14 -1.26 0.00	30.52 -1.54 0.00	26.28 -1.53 -1.09	34.02 -2.05 -0.27	25.62 -1.70 2.45	35.34 -1.98 -3.19	44.75 -2.69 -1.56	44.47 -3.38 12.68	36.35 -2.34 0.29	33.99 -2.16 0.77	42.20 -2.52 -0.02	49.67 -2.80 -2.96	52.69 -2.51 1.20	48.73 -1.83 0.00
STEEL___WIND 323596	40.74 -1.59 0.09	35.64 -0.84 0.00	36.36 -0.82 0.00	36.89 -0.75 0.00	39.25 -0.94 0.00	39.54 -0.74 0.00	33.32 -0.85 0.03	33.51 -1.55 0.25	35.30 -1.21 0.00	34.04 -1.22 0.03	26.83 -1.57 0.00	30.02 -2.04 0.00	25.65 -2.14 -1.07	25.32 -2.66 7.82	20.57 -2.33 6.86	34.58 -2.80 -3.26	35.24 -3.82 6.82	26.45 -4.71 29.38	21.55 -3.20 14.24	25.69 -2.93 8.30	41.18 -3.55 -0.02	48.98 -4.00 -3.46	50.69 -3.28 2.43	48.34 -2.22 0.00
STEPHTWN_115KV_BK_2 55603	43.95 1.53 0.00	37.78 1.30 0.00	38.52 1.34 0.00	39.03 1.38 0.00	41.62 1.43 0.00	41.74 1.46 0.00	35.35 1.16 0.00	36.67 1.36 0.00	37.84 1.33 0.00	36.61 1.32 0.00	29.50 1.09 0.00	33.35 1.30 0.00	39.48 1.17 -11.58	40.33 1.70 -2.83	42.60 1.34 -11.49	69.69 1.62 -33.94	67.64 2.17 -19.59	72.40 2.87 -9.00	55.55 1.85 -14.72	44.84 1.74 -6.18	46.93 2.05 -0.17	86.16 2.03 -34.61	58.44 2.04 0.00	52.24 1.68 0.00
STEUBEN_REC_LFGE 323667	41.69 -0.73 0.00	36.05 -0.44 0.00	36.83 -0.35 0.00	37.42 -0.23 0.00	40.06 -0.13 0.00	40.54 0.27 0.00	34.18 -0.01 0.00	34.86 -0.45 0.00	36.52 0.01 0.00	35.36 0.07 0.00	27.94 -0.46 0.00	30.84 -1.21 0.00	27.96 -1.49 -2.72	50.58 -1.90 -16.69	15.54 -1.59 12.64	38.23 -1.69 -5.79	59.21 -2.42 -15.75	0.64 -3.01 56.89	56.27 -2.30 -19.59	41.73 -2.32 -7.12	41.83 -2.91 -0.03	50.75 -3.08 -4.31	47.15 -2.79 6.46	48.36 -2.20 0.00
STILLWATER___SOLAR 323814	44.44 2.02 0.00	38.25 1.77 0.00	39.01 1.83 0.00	39.52 1.87 0.00	42.21 2.02 0.00	42.31 2.04 0.00	36.07 1.87 0.00	37.39 2.08 0.00	38.59 2.08 0.00	37.15 1.86 0.00	29.78 1.38 0.00	33.69 1.63 0.00	40.06 1.43 -11.91	40.73 2.03 -2.91	43.31 1.75 -11.81	71.12 2.12 -34.88	68.97 2.96 -20.13	73.62 3.84 -9.25	56.58 2.47 -15.13	45.59 2.32 -6.35	47.64 2.76 -0.17	87.93 2.84 -35.57	59.45 3.06 0.00	53.20 2.64 0.00
STONY___BROOK 24151	45.11 2.69 0.00	38.75 2.27 0.00	39.23 2.05 0.00	39.75 2.10 0.00	42.29 2.11 0.00	42.46 2.19 0.00	36.37 2.19 0.00	37.99 2.68 0.00	39.32 2.81 0.00	38.46 3.16 0.00	31.87 2.55 -0.91	34.62 2.57 0.00	43.81 2.24 -14.85	70.48 3.43 -31.26	42.37 2.92 -9.69	65.73 2.99 -28.61	66.58 4.18 -16.51	73.83 5.71 -7.58	54.75 3.36 -12.41	45.39 3.26 -5.21	48.48 3.63 -0.14	82.35 3.65 -29.18	60.52 4.12 0.00	53.76 3.20 0.00
STURGEON_POOL_HYD 23609	43.87 1.45 0.00	37.64 1.16 0.00	38.32 1.14 0.00	38.83 1.18 0.00	41.39 1.21 0.00	41.49 1.22 0.00	35.49 1.29 0.00	36.90 1.60 0.00	38.29 1.79 0.00	37.21 1.92 0.00	30.02 1.62 0.00	33.87 1.82 0.00	38.14 1.50 -9.92	40.36 2.14 -2.42	41.34 1.74 -9.83	64.98 1.81 -29.05	65.25 2.61 -16.76	71.86 3.63 -7.70	53.92 2.34 -12.60	44.40 2.19 -5.29	47.28 2.42 -0.15	81.51 2.37 -29.63	58.99 2.59 0.00	52.78 2.22 0.00
ST_LAW_115_BK7_LBMP 345037	42.53 0.10 0.00	35.77 -0.71 0.00	36.21 -0.97 0.00	36.63 -1.02 0.00	39.24 -0.95 0.00	39.51 -0.76 0.00	33.51 -0.69 0.00	34.66 -0.65 0.00	35.62 -0.89 0.00	33.59 -1.71 0.00	26.78 -1.62 0.00	30.84 -1.21 0.00	25.68 -1.04 0.00	33.83 -1.97 0.00	28.03 -1.74 0.00	32.79 -1.33 0.00	44.04 -1.85 0.00	59.02 -1.52 0.00	37.16 -1.81 0.00	34.78 -2.14 0.00	42.65 -2.05 0.00	47.29 -2.22 0.00	54.68 -1.72 0.00	48.42 -2.15 0.00

ST_LAW_115_BK8_LBMP 345038	42.53 0.10 0.00	35.77 -0.71 0.00	36.21 -0.97 0.00	36.63 -1.02 0.00	39.24 -0.95 0.00	39.51 -0.76 0.00	33.51 -0.69 0.00	34.66 -0.65 0.00	35.62 -0.89 0.00	33.59 -1.71 0.00	26.78 -1.62 0.00	30.84 -1.21 0.00	25.68 -1.04 0.00	33.83 -1.97 0.00	28.03 -1.74 0.00	32.79 -1.33 0.00	44.04 -1.85 0.00	59.02 -1.52 0.00	37.16 -1.81 0.00	34.78 -2.14 0.00	42.65 -2.05 0.00	47.29 -2.22 0.00	54.68 -1.72 0.00	48.42 -2.15 0.00
ST_LAW_230_BK5_LBMP 345035	42.51 0.08 0.00	35.77 -0.71 0.00	36.21 -0.97 0.00	36.63 -1.02 0.00	39.24 -0.94 0.00	39.51 -0.76 0.00	33.51 -0.69 0.00	34.66 -0.65 0.00	35.62 -0.89 0.00	33.59 -1.70 0.00	26.80 -1.61 0.00	30.85 -1.20 0.00	25.69 -1.03 0.00	33.85 -1.95 0.00	28.04 -1.72 0.00	32.80 -1.33 0.00	44.03 -1.85 0.00	59.00 -1.54 0.00	37.16 -1.81 0.00	34.79 -2.14 0.00	42.65 -2.06 0.00	47.29 -2.22 0.00	54.66 -1.74 0.00	48.42 -2.15 0.00
ST_LAW_230_BK6_LBMP 345036	42.51 0.08 0.00	35.77 -0.71 0.00	36.21 -0.97 0.00	36.63 -1.02 0.00	39.24 -0.94 0.00	39.51 -0.76 0.00	33.51 -0.69 0.00	34.66 -0.65 0.00	35.62 -0.89 0.00	33.59 -1.70 0.00	26.80 -1.61 0.00	30.85 -1.20 0.00	25.69 -1.03 0.00	33.85 -1.95 0.00	28.04 -1.72 0.00	32.80 -1.33 0.00	44.03 -1.85 0.00	59.00 -1.54 0.00	37.16 -1.81 0.00	34.79 -2.14 0.00	42.65 -2.06 0.00	47.29 -2.22 0.00	54.66 -1.74 0.00	48.42 -2.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.96 1.54 0.00	37.74 1.25 0.00	38.42 1.24 0.00	38.93 1.28 0.00	41.52 1.34 0.00	41.60 1.32 0.00	35.50 1.32 0.00	36.89 1.57 0.00	38.22 1.71 0.00	37.11 1.82 0.00	29.91 1.51 0.00	33.73 1.67 0.00	37.34 1.44 -9.17	40.00 2.07 -2.13	40.54 1.68 -9.10	62.77 1.77 -26.88	63.95 2.55 -15.51	71.14 3.48 -7.12	52.90 2.26 -11.66	43.92 2.10 -4.89	47.14 2.30 -0.14	79.24 2.32 -27.41	58.89 2.49 0.00	52.72 2.16 0.00
SWANROAD_115KV_TB1 355699	39.71 -2.71 0.00	34.70 -1.78 0.00	35.35 -1.83 0.00	35.86 -1.79 0.00	38.14 -2.05 0.00	38.50 -1.78 0.00	32.33 -1.86 0.00	32.56 -2.76 0.00	34.00 -2.51 0.00	32.84 -2.46 0.00	25.76 -2.64 0.00	28.81 -3.24 0.00	24.63 -3.14 -1.05	26.05 -3.80 5.95	20.88 -3.23 5.66	33.86 -4.18 -3.92	36.75 -5.58 3.56	29.25 -6.66 24.62	23.53 -4.53 10.91	26.18 -4.27 6.46	39.47 -5.25 -0.02	47.08 -5.99 -3.56	49.40 -5.22 1.78	46.68 -3.88 0.00
SYNERGY___BIOGAS 323694	41.34 -1.02 0.06	36.05 -0.44 0.00	36.70 -0.47 0.00	37.23 -0.42 0.00	39.64 -0.54 0.00	40.02 -0.25 0.00	33.74 -0.44 0.02	34.08 -1.06 0.17	35.74 -0.77 0.00	34.48 -0.79 0.02	27.00 -1.41 0.00	30.27 -1.78 0.00	25.93 -1.83 -1.04	29.60 -2.30 3.90	23.38 -1.91 4.47	34.79 -2.28 -2.94	39.99 -2.79 3.10	37.19 -3.15 20.19	29.41 -2.21 7.36	30.31 -2.07 4.54	42.19 -2.54 -0.02	49.60 -2.98 -3.07	52.31 -2.28 1.80	49.08 -1.48 0.00
SYRACUSE___ENERGY_ST1 323597	42.02 -0.40 0.00	36.21 -0.28 0.00	36.91 -0.27 0.00	37.36 -0.29 0.00	39.90 -0.29 0.00	40.04 -0.23 0.00	33.93 -0.27 0.00	34.90 -0.42 0.00	36.14 -0.37 0.00	34.93 -0.37 0.00	28.11 -0.29 0.00	31.67 -0.38 0.00	27.31 -0.34 -0.93	35.56 -0.46 -0.23	30.28 -0.41 -0.92	36.37 -0.47 -2.71	46.82 -0.62 -1.57	60.36 -0.89 -0.72	39.63 -0.52 -1.18	36.94 -0.47 -0.49	44.17 -0.55 -0.01	51.82 -0.46 -2.77	55.91 -0.49 0.00	50.22 -0.34 0.00
SYRACUSE___ENERGY_ST2 323598	42.02 -0.40 0.00	36.21 -0.28 0.00	36.91 -0.27 0.00	37.36 -0.29 0.00	39.90 -0.29 0.00	40.04 -0.23 0.00	33.93 -0.27 0.00	34.90 -0.42 0.00	36.14 -0.37 0.00	34.93 -0.37 0.00	28.11 -0.29 0.00	31.67 -0.38 0.00	27.31 -0.34 -0.93	35.56 -0.46 -0.23	30.28 -0.41 -0.92	36.37 -0.47 -2.71	46.82 -0.62 -1.57	60.36 -0.89 -0.72	39.63 -0.52 -1.18	36.94 -0.47 -0.49	44.17 -0.55 -0.01	51.82 -0.46 -2.77	55.91 -0.49 0.00	50.22 -0.34 0.00
SYRACUSE___POWER 24017	42.04 -0.38 0.00	36.23 -0.26 0.00	36.93 -0.25 0.00	37.39 -0.26 0.00	39.92 -0.26 0.00	40.06 -0.21 0.00	33.95 -0.24 0.00	34.93 -0.38 0.00	36.19 -0.32 0.00	34.98 -0.31 0.00	28.15 -0.26 0.00	31.73 -0.33 0.00	27.37 -0.33 -0.97	35.62 -0.42 -0.24	31.63 -0.36 -2.23	36.55 -0.42 -2.85	47.06 -0.56 -1.74	65.32 -0.81 -5.60	40.34 -0.47 -1.83	37.49 -0.43 -1.00	44.21 -0.51 -0.02	52.09 -0.43 -3.01	56.38 -0.45 -0.43	50.26 -0.30 0.00
TALLMAN___138KV_BK151 55660	44.05 1.62 0.00	37.79 1.30 0.00	38.46 1.28 0.00	38.98 1.33 0.00	41.56 1.38 0.00	41.63 1.35 0.00	35.56 1.37 0.00	36.97 1.66 0.00	38.32 1.81 0.00	37.26 1.96 0.00	30.05 1.65 0.00	33.83 1.77 0.00	37.70 1.54 -9.43	40.15 2.19 -2.16	40.90 1.79 -9.35	63.62 1.86 -27.64	64.52 2.68 -15.95	71.54 3.68 -7.33	53.37 2.40 -11.99	44.16 2.21 -5.03	47.25 2.40 -0.14	80.11 2.41 -28.19	59.01 2.61 0.00	52.83 2.27 0.00
TEALLAVE_115KV_TB7 355573	41.83 -0.60 0.00	36.05 -0.44 0.00	36.74 -0.44 0.00	37.20 -0.45 0.00	39.71 -0.47 0.00	39.86 -0.42 0.00	33.76 -0.43 0.00	34.73 -0.58 0.00	35.97 -0.54 0.00	34.77 -0.53 0.00	27.98 -0.42 0.00	31.53 -0.52 0.00	27.05 -0.48 -0.81	35.35 -0.65 -0.20	30.03 -0.53 -0.80	35.85 -0.64 -2.37	46.38 -0.87 -1.37	59.94 -1.23 -0.63	39.25 -0.75 -1.03	36.67 -0.68 -0.43	43.90 -0.81 -0.01	51.19 -0.74 -2.42	55.61 -0.79 0.00	49.96 -0.60 0.00
TELGRAPH_34_KV_EAST 80808	40.64 -1.79 0.00	35.45 -1.04 0.00	36.10 -1.08 0.00	36.61 -1.04 0.00	38.96 -1.23 0.00	39.33 -0.94 0.00	33.10 -1.09 0.00	33.49 -1.83 0.00	34.96 -1.55 0.00	33.76 -1.53 0.00	26.51 -1.90 0.00	29.68 -2.38 0.00	25.38 -2.38 -1.04	28.01 -2.93 4.86	22.31 -2.45 5.01	34.76 -3.11 -3.74	39.10 -4.09 2.69	33.47 -4.86 22.20	26.57 -3.37 9.03	28.33 -3.15 5.45	40.90 -3.83 -0.02	48.53 -4.39 -3.41	51.11 -3.65 1.64	48.02 -2.54 0.00
TEMPLE___115KV_TB 2 55572	41.84 -0.58 0.00	36.07 -0.42 0.00	36.76 -0.42 0.00	37.21 -0.44 0.00	39.74 -0.45 0.00	39.87 -0.41 0.00	33.78 -0.41 0.00	34.75 -0.56 0.00	35.98 -0.52 0.00	34.80 -0.50 0.00	28.00 -0.40 0.00	31.56 -0.50 0.00	27.08 -0.47 -0.82	35.38 -0.62 -0.20	30.06 -0.52 -0.81	35.91 -0.62 -2.40	46.43 -0.84 -1.39	59.99 -1.19 -0.64	39.30 -0.72 -1.04	36.70 -0.66 -0.44	43.93 -0.78 -0.01	51.26 -0.71 -2.45	55.64 -0.76 0.00	49.99 -0.57 0.00
TIANA____69_KV_BK 1 55817	45.21 2.79 0.00	38.80 2.31 0.00	39.27 2.09 0.00	39.80 2.15 0.00	42.35 2.17 0.00	42.64 2.37 0.00	36.51 2.32 0.00	38.19 2.88 0.00	39.60 3.09 0.00	38.83 3.53 0.00	32.16 2.85 -0.91	35.04 2.98 0.00	44.12 2.58 -14.83	70.69 3.76 -31.13	42.70 3.25 -9.69	66.04 3.31 -28.61	67.09 4.69 -16.51	74.51 6.38 -7.58	54.91 3.52 -12.41	45.66 3.53 -5.21	48.74 3.89 -0.14	82.47 3.77 -29.18	60.69 4.29 0.00	53.63 3.07 0.00
TILDEN___115KV_TB1 80814	42.04 -0.38 0.00	36.23 -0.26 0.00	36.93 -0.25 0.00	37.39 -0.26 0.00	39.92 -0.26 0.00	40.06 -0.21 0.00	33.95 -0.24 0.00	34.93 -0.38 0.00	36.19 -0.32 0.00	34.98 -0.31 0.00	28.15 -0.26 0.00	31.73 -0.33 0.00	27.37 -0.33 -0.97	35.62 -0.42 -0.24	31.63 -0.36 -2.23	36.55 -0.42 -2.85	47.06 -0.56 -1.74	65.32 -0.81 -5.60	40.34 -0.47 -1.83	37.49 -0.43 -1.00	44.21 -0.51 -0.02	52.09 -0.43 -3.01	56.38 -0.45 -0.43	50.26 -0.30 0.00

TRIGEN___CC 323695	44.63 2.20 0.00	38.33 1.84 0.00	38.89 1.71 0.00	39.42 1.77 0.00	41.98 1.80 0.00	42.08 1.81 0.00	35.98 1.79 0.00	37.49 2.18 0.00	38.85 2.34 0.00	37.87 2.57 -0.01	32.12 2.11 -1.60	34.27 2.22 0.00	47.36 1.93 -18.71	91.70 2.77 -53.13	41.81 2.36 -9.69	65.16 2.42 -28.61	65.79 3.39 -16.51	72.74 4.62 -7.58	54.22 2.84 -12.41	44.84 2.71 -5.21	47.84 2.99 -0.14	81.73 3.03 -29.18	59.79 3.39 0.00	53.35 2.79 0.00
TRINITY___115KV___4 BK 55933	43.61 1.18 0.00	37.51 1.03 0.00	38.24 1.07 0.00	38.75 1.11 0.00	41.35 1.16 0.00	41.32 1.05 0.00	34.99 0.80 0.00	36.29 0.97 0.00	37.44 0.93 0.00	36.26 0.97 0.00	29.25 0.85 0.00	33.02 0.97 0.00	39.16 0.83 -11.61	39.83 1.19 -2.84	42.21 0.94 -11.51	69.25 1.11 -34.01	66.99 1.48 -19.63	71.50 1.95 -9.02	54.98 1.25 -14.75	44.29 1.17 -6.19	46.31 1.43 -0.17	85.56 1.36 -34.68	57.76 1.36 0.00	51.71 1.14 0.00
UNION___PROCESSING_DRP 323587	41.03 -1.39 0.00	35.59 -0.89 0.00	36.25 -0.93 0.00	36.73 -0.92 0.00	39.16 -1.03 0.00	39.43 -0.84 0.00	33.28 -0.91 0.00	33.99 -1.33 0.00	35.34 -1.17 0.00	34.18 -1.12 0.00	27.14 -1.26 0.00	30.52 -1.53 0.00	26.29 -1.53 -1.09	34.03 -2.04 -0.27	25.62 -1.69 2.45	35.35 -1.97 -3.19	44.77 -2.68 -1.56	44.48 -3.36 12.69	36.35 -2.34 0.29	33.99 -2.16 0.77	42.21 -2.52 -0.02	49.69 -2.78 -2.96	52.69 -2.51 1.20	48.74 -1.82 0.00
UPPER HUDSON___HYD 24058	44.83 2.41 0.00	38.64 2.15 0.00	39.42 2.24 0.00	39.91 2.26 0.00	42.67 2.48 0.00	42.90 2.63 0.00	36.61 2.42 0.00	37.96 2.65 0.00	39.18 2.67 0.00	37.69 2.40 0.00	30.18 1.78 0.00	34.17 2.12 0.00	40.52 1.83 -11.96	41.16 2.44 -2.92	43.73 2.10 -11.86	71.70 2.53 -35.04	69.78 3.67 -20.22	74.59 4.77 -9.29	57.25 3.08 -15.20	46.21 2.91 -6.38	48.23 3.35 -0.18	88.71 3.46 -35.73	60.29 3.88 0.00	53.90 3.33 0.00
UPPER RAQUET___HYD 24056	43.01 0.59 0.00	36.20 -0.29 0.00	36.72 -0.46 0.00	37.14 -0.51 0.00	39.77 -0.42 0.00	40.06 -0.22 0.00	34.01 -0.18 0.00	35.22 -0.09 0.00	36.13 -0.38 0.00	34.06 -1.23 0.00	27.12 -1.29 0.00	31.25 -0.80 0.00	26.21 -0.71 -0.20	34.27 -1.58 -0.05	28.56 -1.40 -0.20	33.81 -0.91 -0.59	45.09 -1.14 -0.34	60.16 -0.53 -0.16	38.06 -1.17 -0.26	35.47 -1.55 -0.11	43.38 -1.33 0.00	48.61 -1.51 -0.61	55.44 -0.96 0.00	49.08 -1.48 0.00
VALLEY44_115KV_TB2 355964	41.77 -0.65 0.00	36.18 -0.31 0.00	36.96 -0.22 0.00	37.56 -0.09 0.00	39.98 -0.20 0.00	40.01 -0.26 0.00	33.79 -0.40 0.00	34.31 -1.00 0.00	35.90 -0.61 0.00	34.89 -0.40 0.00	27.77 -0.63 0.00	31.26 -0.79 0.00	27.13 -1.02 -1.43	31.54 -0.91 3.35	22.23 -0.98 6.56	37.34 -1.47 -4.69	42.75 -2.05 1.09	28.82 -2.37 29.36	29.83 -1.76 7.38	30.27 -1.70 4.96	42.47 -2.26 -0.02	51.31 -2.39 -4.18	52.74 -1.24 2.42	50.14 -0.42 0.00
VALLEY___115KV_TB 1-4 80826	42.91 0.48 0.00	36.76 0.28 0.00	37.33 0.14 0.00	37.79 0.14 0.00	40.43 0.24 0.00	40.43 0.16 0.00	34.49 0.30 0.00	35.80 0.49 0.00	36.97 0.46 0.00	35.71 0.41 0.00	28.47 0.07 0.00	32.24 0.19 0.00	26.97 0.24 0.00	36.33 0.53 0.00	30.36 0.60 0.00	34.94 0.82 0.00	46.82 0.94 0.00	61.82 1.28 0.00	39.79 0.81 0.00	37.58 0.66 0.00	45.46 0.76 0.00	50.19 0.67 0.00	56.91 0.51 0.00	50.98 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.31 1.89 0.00	38.17 1.69 0.00	38.96 1.78 0.00	39.51 1.86 0.00	42.23 2.05 0.00	42.43 2.15 0.00	36.11 1.92 0.00	37.39 2.08 0.00	38.77 2.26 0.00	37.50 2.20 0.00	30.15 1.75 0.00	33.91 1.85 0.00	32.19 1.47 -3.99	38.86 2.09 -0.97	36.51 1.70 -5.05	47.80 1.98 -11.69	55.61 2.89 -6.83	71.68 3.86 -7.28	47.14 2.57 -5.59	41.91 2.45 -2.55	47.63 2.86 -0.06	64.60 3.07 -12.01	60.21 3.44 -0.37	53.63 3.07 0.00
VISCHER___FERRY HYD 24020	43.94 1.51 0.00	37.82 1.33 0.00	38.57 1.39 0.00	39.09 1.44 0.00	41.72 1.53 0.00	41.71 1.44 0.00	35.52 1.33 0.00	36.84 1.53 0.00	38.00 1.49 0.00	36.66 1.37 0.00	29.48 1.08 0.00	33.34 1.29 0.00	39.59 1.12 -11.74	40.24 1.57 -2.87	42.78 1.37 -11.64	70.17 1.65 -34.40	67.94 2.21 -19.85	72.54 2.88 -9.12	55.75 1.85 -14.92	44.92 1.74 -6.26	47.02 2.14 -0.17	86.73 2.13 -35.08	58.61 2.21 0.00	52.48 1.91 0.00
V_A_10_SYNC_DSASP 323832	40.05 -2.31 0.07	34.95 -1.54 0.00	35.59 -1.58 0.00	36.09 -1.56 0.00	38.41 -1.78 0.00	38.71 -1.56 0.00	32.56 -1.61 0.02	32.90 -2.23 0.18	34.51 -2.00 0.00	33.36 -1.91 0.02	26.39 -2.01 0.00	29.61 -2.44 0.00	25.38 -2.35 -1.01	28.99 -3.11 3.70	22.98 -2.64 4.14	33.76 -3.16 -2.79	38.46 -4.40 3.02	36.03 -5.60 18.90	28.22 -3.83 6.94	29.08 -3.55 4.28	40.53 -4.20 -0.02	47.82 -4.67 -2.97	50.41 -4.27 1.72	47.37 -3.19 0.00
V_CMM_10_SYNC_DSASP 323787	42.77 0.35 0.00	35.99 -0.50 0.00	36.42 -0.76 0.00	36.86 -0.80 0.00	39.47 -0.71 0.00	39.75 -0.53 0.00	33.71 -0.48 0.00	34.87 -0.44 0.00	35.83 -0.68 0.00	33.79 -1.51 0.00	26.94 -1.46 0.00	31.03 -1.02 0.00	25.84 -0.89 0.00	34.04 -1.76 0.00	28.20 -1.56 0.00	32.99 -1.13 0.00	44.30 -1.58 0.00	59.37 -1.17 0.00	37.39 -1.59 0.00	35.00 -1.92 0.00	42.91 -1.80 0.00	47.59 -1.93 0.00	55.02 -1.38 0.00	48.72 -1.84 0.00
V_CMP_10_SYNC_DSASP 323788	43.47 1.05 0.00	36.61 0.13 0.00	37.00 -0.18 0.00	37.54 -0.11 0.00	40.31 0.13 0.00	40.68 0.40 0.00	34.51 0.32 0.00	35.71 0.40 0.00	36.61 0.10 0.00	34.60 -0.69 0.00	27.47 -0.93 0.00	31.68 -0.37 0.00	26.30 -0.42 0.00	34.48 -1.32 0.00	28.69 -1.08 0.00	33.41 -0.71 0.00	44.78 -1.11 0.00	60.13 -0.41 0.00	37.74 -1.24 0.00	35.17 -1.75 0.00	43.07 -1.64 0.00	47.76 -1.75 0.00	55.66 -0.74 0.00	49.00 -1.56 0.00
V_D_10_SYNC_DSASP 323841	42.99 0.57 0.00	36.17 -0.31 0.00	36.63 -0.56 0.00	37.04 -0.60 0.00	39.68 -0.51 0.00	39.96 -0.31 0.00	33.90 -0.29 0.00	35.06 -0.25 0.00	36.02 -0.49 0.00	33.97 -1.32 0.00	27.07 -1.33 0.00	31.18 -0.88 0.00	26.11 -0.76 -0.15	34.25 -1.58 -0.04	28.49 -1.42 -0.15	33.60 -0.96 -0.44	44.81 -1.32 -0.25	59.85 -0.81 -0.12	37.81 -1.35 -0.19	35.29 -1.71 -0.08	43.17 -1.54 0.00	48.30 -1.67 -0.45	55.31 -1.09 0.00	48.99 -1.57 0.00
V_E_10_SYNC_DSASP 323830	44.49 2.05 -0.02	38.38 1.90 0.00	39.40 2.22 0.00	39.70 2.05 0.00	42.73 2.55 0.00	43.10 2.82 0.00	36.67 2.48 -0.01	37.88 2.51 -0.06	39.71 3.20 0.00	38.35 3.05 -0.01	30.76 2.36 0.00	34.52 2.47 0.00	31.57 1.92 -2.93	40.66 2.81 -2.05	44.03 2.21 -12.05	45.60 2.86 -8.62	57.07 4.05 -7.13	102.81 4.97 -37.31	52.31 3.33 -10.01	45.97 3.02 -6.02	48.10 3.36 -0.04	62.45 3.56 -9.38	63.38 3.87 -3.10	54.16 3.60 0.00
V_F_30_NSYNC___DSASP 323816	44.47 2.05 0.00	38.28 1.79 0.00	39.03 1.85 0.00	39.53 1.88 0.00	42.24 2.05 0.00	42.35 2.07 0.00	36.09 1.89 0.00	37.41 2.10 0.00	38.63 2.12 0.00	37.19 1.90 0.00	29.83 1.42 0.00	33.74 1.69 0.00	40.12 1.47 -11.93	40.78 2.07 -2.92	43.36 1.77 -11.83	71.21 2.13 -34.95	69.04 2.99 -20.17	73.68 3.88 -9.26	56.64 2.50 -15.16	45.63 2.35 -6.36	47.66 2.78 -0.18	88.03 2.88 -35.64	59.50 3.10 0.00	53.22 2.66 0.00

V_F_30_SYNC_DSASP 323786	43.74 1.31 0.00	37.63 1.15 0.00	38.36 1.18 0.00	38.87 1.22 0.00	41.48 1.29 0.00	41.45 1.18 0.00	35.11 0.92 0.00	36.41 1.10 0.00	37.58 1.07 0.00	36.40 1.11 0.00	29.37 0.96 0.00	33.15 1.09 0.00	39.35 0.93 -11.69	40.00 1.34 -2.86	42.41 1.06 -11.59	69.63 1.26 -34.26	67.33 1.68 -19.77	71.84 2.22 -9.08	55.25 1.42 -14.86	44.49 1.32 -6.24	46.48 1.60 -0.17	85.99 1.55 -34.93	57.98 1.58 0.00	51.88 1.32 0.00
V_XM_10_SYNC_DSASP 323789	43.47 1.05 0.00	36.61 0.13 0.00	37.00 -0.18 0.00	37.54 -0.11 0.00	40.31 0.13 0.00	40.68 0.40 0.00	34.51 0.32 0.00	35.71 0.40 0.00	36.61 0.10 0.00	34.60 -0.69 0.00	27.47 -0.93 0.00	31.68 -0.37 0.00	26.30 -0.42 0.00	34.48 -1.32 0.00	28.69 -1.08 0.00	33.41 -0.71 0.00	44.78 -1.11 0.00	60.13 -0.41 0.00	37.74 -1.24 0.00	35.17 -1.75 0.00	43.07 -1.64 0.00	47.76 -1.75 0.00	55.66 -0.74 0.00	49.00 -1.56 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.18 1.76 0.00	37.90 1.42 0.00	38.57 1.39 0.00	39.09 1.45 0.00	41.69 1.50 0.00	41.77 1.49 0.00	35.67 1.48 0.00	37.09 1.78 0.00	38.45 1.94 0.00	37.37 2.08 0.00	30.15 1.74 0.00	33.93 1.88 0.00	37.83 1.62 -9.48	40.29 2.32 -2.17	41.06 1.89 -9.40	63.89 1.98 -27.78	64.78 2.86 -16.03	71.82 3.91 -7.36	53.57 2.54 -12.05	44.34 2.36 -5.06	47.42 2.58 -0.14	80.46 2.61 -28.33	59.22 2.82 0.00	52.99 2.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.45 2.03 0.00	38.16 1.67 0.00	38.82 1.64 0.00	39.33 1.68 0.00	41.92 1.74 0.00	41.99 1.72 0.00	35.82 1.63 0.00	37.28 1.97 0.00	38.67 2.16 0.00	37.65 2.35 0.00	30.40 1.99 0.00	34.23 2.18 0.00	38.37 1.89 -9.76	40.97 2.70 -2.47	41.64 2.19 -9.68	65.01 2.28 -28.60	65.60 3.21 -16.51	72.42 4.30 -7.58	54.21 2.82 -12.40	44.77 2.64 -5.21	47.75 2.90 -0.14	81.63 2.95 -29.17	59.59 3.19 0.00	53.30 2.73 0.00
W50THST__13_KV_LOAD 356117	44.64 2.21 0.00	38.35 1.87 0.00	39.02 1.84 0.00	39.53 1.87 0.00	42.14 1.95 0.00	42.21 1.94 0.00	36.02 1.83 0.00	37.47 2.16 0.00	38.89 2.38 0.00	37.87 2.57 0.00	30.59 2.19 0.00	34.46 2.41 0.00	38.55 2.07 -9.76	41.22 2.95 -2.47	41.84 2.40 -9.68	65.23 2.51 -28.60	65.91 3.52 -16.51	72.79 4.67 -7.58	54.47 3.09 -12.40	45.04 2.91 -5.21	48.05 3.20 -0.14	81.96 3.27 -29.17	59.93 3.53 0.00	53.59 3.03 0.00
WADING RIVER_IC_1 23522	45.19 2.76 0.00	38.79 2.31 0.00	39.27 2.09 0.00	39.80 2.15 0.00	42.35 2.16 0.00	42.57 2.30 0.00	36.47 2.28 0.00	38.11 2.80 0.00	39.46 2.95 0.00	38.64 3.34 0.00	31.99 2.69 -0.91	34.77 2.72 0.00	43.90 2.36 -14.82	70.47 3.55 -31.12	42.41 2.96 -9.69	65.72 2.98 -28.61	66.43 4.04 -16.51	73.50 5.38 -7.58	54.42 3.04 -12.41	45.23 3.09 -5.21	48.26 3.41 -0.14	82.02 3.32 -29.18	60.18 3.78 0.00	53.18 2.61 0.00
WADING RIVER_IC_2 23547	45.19 2.76 0.00	38.79 2.31 0.00	39.27 2.09 0.00	39.80 2.15 0.00	42.35 2.16 0.00	42.57 2.30 0.00	36.47 2.28 0.00	38.11 2.80 0.00	39.46 2.95 0.00	38.64 3.34 0.00	31.99 2.69 -0.91	34.77 2.72 0.00	43.90 2.36 -14.82	70.47 3.55 -31.12	42.41 2.96 -9.69	65.72 2.98 -28.61	66.43 4.04 -16.51	73.50 5.38 -7.58	54.42 3.04 -12.41	45.23 3.09 -5.21	48.26 3.41 -0.14	82.02 3.32 -29.18	60.18 3.78 0.00	53.18 2.61 0.00
WADING RIVER_IC_3 23601	45.19 2.76 0.00	38.79 2.31 0.00	39.27 2.09 0.00	39.80 2.15 0.00	42.35 2.16 0.00	42.57 2.30 0.00	36.47 2.28 0.00	38.11 2.80 0.00	39.46 2.95 0.00	38.64 3.34 0.00	31.99 2.69 -0.91	34.77 2.72 0.00	43.90 2.36 -14.82	70.47 3.55 -31.12	42.41 2.96 -9.69	65.72 2.98 -28.61	66.43 4.04 -16.51	73.50 5.38 -7.58	54.42 3.04 -12.41	45.23 3.09 -5.21	48.26 3.41 -0.14	82.02 3.32 -29.18	60.18 3.78 0.00	53.18 2.61 0.00
WALDENNY_12_KV_BK2 80841	40.89 -1.54 0.00	35.69 -0.80 0.00	36.40 -0.78 0.00	36.92 -0.73 0.00	39.26 -0.92 0.00	39.61 -0.66 0.00	33.36 -0.83 0.00	33.78 -1.53 0.00	35.32 -1.19 0.00	34.10 -1.20 0.00	26.85 -1.56 0.00	30.05 -2.00 0.00	25.66 -2.12 -1.06	25.56 -2.63 7.61	20.77 -2.27 6.72	35.50 -2.82 -4.20	37.15 -3.82 4.91	27.08 -4.60 28.85	21.93 -3.18 13.86	25.90 -2.92 8.09	41.23 -3.50 -0.02	49.30 -3.99 -3.78	51.17 -3.21 2.02	48.43 -2.13 0.00
WALDEN__HYDRO 24148	44.24 1.82 0.00	37.97 1.49 0.00	38.66 1.48 0.00	39.17 1.52 0.00	41.77 1.58 0.00	41.87 1.59 0.00	35.76 1.57 0.00	37.16 1.85 0.00	38.52 2.01 0.00	37.37 2.08 0.00	30.11 1.70 0.00	34.00 1.94 0.00	37.92 1.66 -9.53	40.45 2.36 -2.30	41.16 1.94 -9.45	64.12 2.07 -27.93	64.98 2.98 -16.12	71.99 4.05 -7.40	53.73 2.64 -12.11	44.45 2.44 -5.09	47.56 2.71 -0.14	80.75 2.75 -28.48	59.36 2.96 0.00	53.13 2.56 0.00
WARRENSBURG____ 23737	44.83 2.41 0.00	38.64 2.15 0.00	39.42 2.24 0.00	39.91 2.26 0.00	42.67 2.48 0.00	42.90 2.63 0.00	36.61 2.42 0.00	37.96 2.65 0.00	39.18 2.67 0.00	37.69 2.40 0.00	30.18 1.78 0.00	34.17 2.12 0.00	40.52 1.83 -11.96	41.16 2.44 -2.92	43.73 2.10 -11.86	71.70 2.53 -35.04	69.78 3.67 -20.22	74.59 4.77 -9.29	57.25 3.08 -15.20	46.21 2.91 -6.38	48.23 3.35 -0.18	88.71 3.46 -35.73	60.29 3.88 0.00	53.90 3.33 0.00
WATERSIDE____6 8 9 23538	44.48 2.06 0.00	38.21 1.73 0.00	38.88 1.70 0.00	39.37 1.73 0.00	41.98 1.80 0.00	42.04 1.76 0.00	35.86 1.67 0.00	37.29 1.98 0.00	38.70 2.20 0.00	37.68 2.39 0.00	30.44 2.03 0.00	34.27 2.22 0.00	38.39 1.90 -9.76	41.00 2.73 -2.47	41.67 2.22 -9.68	65.03 2.30 -28.61	65.61 3.22 -16.51	72.44 4.32 -7.58	54.22 2.83 -12.41	44.76 2.63 -5.21	47.72 2.87 -0.14	81.61 2.93 -29.17	59.60 3.20 0.00	53.31 2.75 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.81 0.38 0.00	36.74 0.25 0.00	37.37 0.19 0.00	37.83 0.18 0.00	40.43 0.25 0.00	40.47 0.20 0.00	34.44 0.25 0.00	35.70 0.38 0.00	36.86 0.35 0.00	35.61 0.32 0.00	28.53 0.13 0.00	32.27 0.21 0.00	26.94 0.22 0.00	36.20 0.40 0.00	30.20 0.44 0.00	34.70 0.58 0.00	46.61 0.72 0.00	61.50 0.97 0.00	39.60 0.62 0.00	37.45 0.53 0.00	45.31 0.60 0.00	50.07 0.56 0.00	56.89 0.49 0.00	50.95 0.39 0.00
WATSON__69_KV_BK 1 55734	45.48 3.06 0.00	39.08 2.60 0.00	39.57 2.39 0.00	40.10 2.45 0.00	42.66 2.48 0.00	42.82 2.55 0.00	36.68 2.49 0.00	38.30 2.99 0.00	39.64 3.13 0.00	38.74 3.45 0.00	32.09 2.75 -0.94	34.85 2.80 0.00	44.14 2.43 -14.99	71.54 3.67 -32.07	42.60 3.15 -9.69	66.00 3.26 -28.61	66.97 4.58 -16.51	74.40 6.28 -7.58	55.14 3.75 -12.41	45.74 3.61 -5.21	48.90 4.05 -0.14	82.83 4.14 -29.18	61.06 4.66 0.00	54.32 3.76 0.00
WDELAWARE__HYD 323627	44.12 1.69 0.00	37.87 1.39 0.00	38.56 1.38 0.00	39.06 1.41 0.00	41.67 1.49 0.00	41.82 1.54 0.00	35.72 1.53 0.00	37.10 1.79 0.00	38.47 1.96 0.00	37.25 1.96 0.00	30.04 1.64 0.00	33.94 1.88 0.00	36.90 1.57 -8.61	40.12 2.24 -2.08	40.13 1.83 -8.53	61.33 1.99 -25.22	63.31 2.87 -14.55	71.13 3.91 -6.68	52.46 2.54 -10.94	43.88 2.37 -4.59	47.45 2.62 -0.13	77.91 2.68 -25.72	59.30 2.90 0.00	53.12 2.55 0.00

WEST BABYLON___IC 23714	45.34 2.92 0.00	38.95 2.47 0.00	39.47 2.29 0.00	40.00 2.35 0.00	42.55 2.36 0.00	42.70 2.42 0.00	36.56 2.37 0.00	38.16 2.85 0.00	39.51 3.00 0.00	38.58 3.29 0.00	32.03 2.62 -1.00	34.74 2.69 0.00	44.41 2.34 -15.35	73.38 3.48 -34.10	42.44 2.99 -9.69	65.84 3.10 -28.61	66.74 4.35 -16.51	74.10 5.97 -7.58	54.99 3.60 -12.41	45.57 3.44 -5.21	48.70 3.85 -0.14	82.64 3.95 -29.18	60.85 4.45 0.00	54.16 3.60 0.00
WEST CANADA___HYD 24049	42.56 0.13 0.00	36.56 0.07 0.00	37.25 0.07 0.00	37.72 0.07 0.00	40.27 0.08 0.00	40.36 0.08 0.00	34.26 0.07 0.00	35.42 0.10 0.00	36.58 0.07 0.00	35.34 0.04 0.00	28.43 0.03 0.00	32.12 0.06 0.00	26.78 0.05 0.00	35.84 0.05 0.00	29.82 0.05 0.00	34.21 0.09 0.00	46.02 0.13 0.00	60.72 0.18 0.00	39.06 0.08 0.00	36.98 0.07 0.00	44.80 0.09 0.00	49.61 0.09 0.00	56.51 0.11 0.00	50.64 0.07 0.00
WESTERN_NY_WIND 24143	41.35 -1.08 0.00	36.00 -0.48 0.00	36.67 -0.52 0.00	37.19 -0.46 0.00	39.60 -0.59 0.00	39.98 -0.29 0.00	33.71 -0.48 0.00	34.21 -1.10 0.00	35.69 -0.82 0.00	34.44 -0.85 0.00	26.95 -1.46 0.00	30.22 -1.84 0.00	25.87 -1.89 -1.04	29.21 -2.39 4.20	23.17 -1.95 4.64	35.40 -2.38 -3.65	40.84 -2.91 2.14	36.42 -3.29 20.82	28.74 -2.35 7.89	29.91 -2.18 4.83	42.09 -2.64 -0.02	49.76 -3.09 -3.34	52.45 -2.38 1.57	49.07 -1.50 0.00
WESTOVER___LESR 323668	42.48 0.05 0.00	36.60 0.11 0.00	37.34 0.16 0.00	37.75 0.10 0.00	40.33 0.15 0.00	40.55 0.27 0.00	34.39 0.20 0.00	35.42 0.11 0.00	36.82 0.31 0.00	35.59 0.29 0.00	28.58 0.18 0.00	32.16 0.10 0.00	29.74 0.03 -2.99	36.73 0.20 -0.73	32.72 0.00 -2.96	42.90 0.02 -8.75	51.03 0.10 -5.05	62.76 -0.10 -2.32	42.84 0.07 -3.80	38.57 0.06 -1.59	44.76 0.01 -0.04	58.48 0.04 -8.93	56.46 0.06 0.00	50.82 0.25 0.00
WETHRSFD_WT_PWR 323626	40.60 -1.79 0.04	35.33 -1.16 0.00	36.06 -1.12 0.00	36.63 -1.02 0.00	39.06 -1.12 0.00	39.42 -0.85 0.00	33.12 -1.06 0.01	33.66 -1.56 0.09	35.35 -1.16 0.00	34.05 -1.23 0.01	26.84 -1.56 0.00	29.87 -2.19 0.00	24.91 -2.26 -0.45	7.25 -2.93 25.63	13.37 -2.61 13.79	35.72 -2.89 -4.48	20.99 -3.95 20.94	1.38 -5.24 53.92	-8.29 -3.39 43.88	9.92 -3.19 23.81	40.86 -3.87 -0.02	49.41 -4.22 -4.12	49.62 -3.83 2.95	47.77 -2.79 0.00
WHAVSTOR_138KV_BK127 55557	44.03 1.60 0.00	37.77 1.29 0.00	38.46 1.28 0.00	38.97 1.31 0.00	41.55 1.36 0.00	41.62 1.35 0.00	35.53 1.35 0.00	36.95 1.64 0.00	38.30 1.79 0.00	37.23 1.94 0.00	30.03 1.62 0.00	33.80 1.75 0.00	37.73 1.52 -9.49	40.14 2.17 -2.17	40.94 1.77 -9.41	63.77 1.84 -27.81	64.59 2.66 -16.05	71.53 3.62 -7.37	53.41 2.37 -12.06	44.18 2.20 -5.07	47.22 2.37 -0.14	80.28 2.40 -28.36	58.98 2.58 0.00	52.79 2.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.03 1.60 0.00	37.77 1.29 0.00	38.46 1.28 0.00	38.97 1.31 0.00	41.55 1.36 0.00	41.62 1.35 0.00	35.53 1.35 0.00	36.95 1.64 0.00	38.30 1.79 0.00	37.23 1.94 0.00	30.03 1.62 0.00	33.80 1.75 0.00	37.73 1.52 -9.49	40.14 2.17 -2.17	40.94 1.77 -9.41	63.77 1.84 -27.81	64.59 2.66 -16.05	71.53 3.62 -7.37	53.41 2.37 -12.06	44.18 2.20 -5.07	47.22 2.37 -0.14	80.28 2.40 -28.36	58.98 2.58 0.00	52.79 2.23 0.00
WHITEHAL_115KV_TB1 80871	45.36 2.93 0.00	39.16 2.67 0.00	40.07 2.89 0.00	40.56 2.91 0.00	43.43 3.24 0.00	44.06 3.79 0.00	37.71 3.52 0.00	39.08 3.77 0.00	40.09 3.58 0.00	38.33 3.03 0.00	30.62 2.22 0.00	34.92 2.87 0.00	41.23 2.56 -11.95	42.08 3.36 -2.92	44.64 3.03 -11.85	72.62 3.49 -35.00	71.31 5.22 -20.20	76.02 6.21 -9.28	58.30 4.14 -15.18	47.29 4.00 -6.37	49.38 4.50 -0.18	89.80 4.59 -35.70	61.65 5.25 0.00	55.05 4.49 0.00
WHITEPLN_13_KV_LOAD 356215	44.62 2.20 0.00	38.28 1.80 0.00	38.95 1.77 0.00	39.46 1.81 0.00	42.07 1.89 0.00	42.17 1.90 0.00	36.02 1.83 0.00	37.49 2.18 0.00	38.89 2.38 0.00	37.83 2.53 0.00	30.51 2.11 0.00	34.35 2.29 0.00	38.45 1.98 -9.75	41.10 2.84 -2.47	41.74 2.31 -9.67	65.15 2.47 -28.56	65.86 3.50 -16.48	72.81 4.71 -7.57	54.43 3.07 -12.39	44.96 2.84 -5.20	48.01 3.16 -0.14	81.88 3.24 -29.12	59.90 3.51 0.00	53.57 3.01 0.00
WM_FLOYD_69_KV_BK2 356380	45.18 2.76 0.00	38.80 2.31 0.00	39.29 2.11 0.00	39.81 2.16 0.00	42.35 2.17 0.00	42.55 2.28 0.00	36.46 2.27 0.00	38.09 2.78 0.00	39.40 2.89 0.00	38.58 3.28 0.00	31.97 2.66 -0.91	34.69 2.64 0.00	43.83 2.27 -14.83	70.45 3.47 -31.18	42.42 2.98 -9.69	65.75 3.02 -28.61	66.58 4.18 -16.51	73.80 5.68 -7.58	54.66 3.27 -12.41	45.37 3.24 -5.21	48.43 3.58 -0.14	82.26 3.56 -29.18	60.43 4.03 0.00	53.58 3.02 0.00
WOODARD__115KV_TB2 355635	41.76 -0.66 0.00	35.99 -0.50 0.00	36.68 -0.50 0.00	37.13 -0.52 0.00	39.65 -0.54 0.00	39.77 -0.50 0.00	33.70 -0.50 0.00	34.66 -0.65 0.00	35.88 -0.63 0.00	34.69 -0.60 0.00	27.93 -0.47 0.00	31.47 -0.58 0.00	27.03 -0.52 -0.82	35.30 -0.70 -0.20	30.00 -0.59 -0.82	35.84 -0.70 -2.41	46.33 -0.95 -1.39	59.87 -1.31 -0.64	39.22 -0.80 -1.05	36.62 -0.74 -0.44	43.85 -0.87 -0.01	51.17 -0.81 -2.46	55.53 -0.87 0.00	49.88 -0.69 0.00
YORK___WARBASSE 23770	44.51 2.09 0.00	38.42 1.93 0.00	39.10 1.92 0.00	39.60 1.95 0.00	42.23 2.04 0.00	42.29 2.02 0.00	36.08 1.89 0.00	37.47 2.15 0.00	38.88 2.36 0.00	37.83 2.53 0.00	30.54 2.13 0.00	34.40 2.34 0.00	38.49 2.00 -9.76	41.15 2.88 -2.47	41.83 2.38 -9.68	65.21 2.48 -28.61	65.83 3.44 -16.51	72.79 4.67 -7.58	54.46 3.07 -12.41	45.00 2.87 -5.21	47.97 3.12 -0.14	81.90 3.22 -29.17	59.95 3.55 0.00	53.60 3.04 0.00