

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data		01/23/2024																									
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	56.98	53.58	50.25	49.77	49.75	55.51	83.54	95.90	92.20	89.98	56.09	54.95	51.71	52.76	50.79	53.17	67.96	74.47	62.75	61.72	51.18	49.02	44.53	42.47		
		3.26	3.13	3.09	3.05	3.23	3.17	4.94	5.17	5.36	5.28	4.49	4.21	4.14	4.13	4.06	4.25	5.41	6.12	5.45	5.04	3.97	4.12	3.22	2.52		
		-10.80	-7.57	-4.32	-3.76	-3.42	-11.15	-20.45	-34.52	-30.44	-28.49	0.00	0.00	-1.04	-0.06	-0.06	0.00	-6.74	-8.43	-1.07	-1.84	0.00	-0.06	0.00	0.00		
74TH STREET_GT_1 24260	EST	57.07	53.67	50.33	49.86	49.80	55.56	83.61	100.67	101.84	106.38	56.15	55.01	52.23	52.74	50.78	53.27	71.87	77.86	63.02	63.02	51.28	49.10	44.61	42.51		
		3.35	3.22	3.17	3.14	3.28	3.21	5.00	5.17	5.36	5.23	4.54	4.26	4.05	4.08	4.01	4.35	5.36	6.23	5.68	5.26	4.06	4.17	3.30	2.56		
		-10.80	-7.57	-4.33	-3.76	-3.42	-11.15	-20.46	-39.29	-40.09	-44.94	0.00	0.00	-1.65	-0.09	-0.09	0.00	-10.70	-11.70	-1.12	-2.92	0.00	-0.09	0.00	0.00		
74TH STREET_GT_2 24261	EST	57.07	53.67	50.33	49.86	49.80	55.56	83.61	100.67	101.84	106.38	56.15	55.01	52.23	52.74	50.78	53.27	71.87	77.86	63.02	63.02	51.28	49.10	44.61	42.51		
		3.35	3.22	3.17	3.14	3.28	3.21	5.00	5.17	5.36	5.23	4.54	4.26	4.05	4.08	4.01	4.35	5.36	6.23	5.68	5.26	4.06	4.17	3.30	2.56		
		-10.80	-7.57	-4.33	-3.76	-3.42	-11.15	-20.46	-39.29	-40.09	-44.94	0.00	0.00	-1.65	-0.09	-0.09	0.00	-10.70	-11.70	-1.12	-2.92	0.00	-0.09	0.00	0.00		
ADK HUDSON___FALLS 24011	EST	59.59	55.39	51.12	50.63	50.25	58.26	88.53	94.49	79.55	62.43	55.27	54.19	49.74	51.97	49.76	52.19	59.83	68.29	61.92	58.90	50.62	47.84	43.62	42.03		
		2.92	2.87	2.78	2.88	2.80	2.88	4.36	4.38	4.68	4.55	3.66	3.45	3.21	3.40	3.08	3.28	4.02	4.73	4.44	4.06	3.40	3.00	2.31	2.08		
		-13.75	-9.64	-5.51	-4.78	-4.36	-14.18	-26.02	-33.90	-18.47	-1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.63	-1.25	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY 23798	EST	59.81	55.61	51.30	50.80	50.43	58.52	88.90	94.90	79.96	62.83	55.63	54.55	50.02	52.31	49.99	52.49	60.16	68.65	62.26	59.12	50.90	48.02	43.79	42.19		
		3.13	3.09	2.95	3.05	2.97	3.13	4.71	4.78	5.08	4.95	4.03	3.81	3.49	3.74	3.31	3.57	4.36	5.09	4.78	4.28	3.69	3.18	2.48	2.24		
		-13.76	-9.65	-5.51	-4.79	-4.36	-14.19	-26.04	-33.92	-18.48	-1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.63	-1.26	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS 24028	EST	59.59	55.39	51.12	50.63	50.25	58.26	88.53	94.49	80.16	62.90	55.27	54.19	49.74	51.97	49.76	52.19	67.25	78.50	70.02	62.25	50.62	47.84	43.62	42.03		
		2.92	2.87	2.78	2.88	2.80	2.88	4.36	4.38	4.68	4.55	3.66	3.45	3.21	3.40	3.08	3.28	4.02	4.73	4.44	4.06	3.40	3.00	2.31	2.08		
		-13.75	-9.64	-5.51	-4.78	-4.36	-14.18	-26.02	-33.90	-19.08	-2.13	0.00	0.00	0.00	0.00	0.00	0.00	-7.42	-13.84	-9.35	-3.35	0.00	0.00	0.00	0.00		
ADK_NYS___DAM 23527	EST	58.88	54.91	50.90	50.38	50.15	57.59	87.05	92.48	77.93	61.43	53.98	53.03	48.72	50.81	48.87	51.51	59.16	67.33	61.15	58.35	50.10	47.57	43.25	41.83		
		2.66	2.70	2.74	2.79	2.84	2.68	3.72	3.49	3.66	3.60	2.38	2.29	2.19	2.24	2.19	2.59	3.35	3.89	3.71	3.51	2.88	2.74	1.94	1.88		
		-13.30	-9.32	-5.32	-4.63	-4.21	-13.72	-25.17	-32.79	-17.87	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.51	-1.21	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP 24190	EST	58.10	54.07	50.02	49.45	49.22	56.76	85.83	91.05	76.51	60.02	52.95	52.06	47.88	49.89	47.98	50.09	57.15	65.12	59.02	56.27	48.49	46.09	42.17	40.95		
		1.85	1.84	1.84	1.85	1.90	1.81	2.44	1.97	2.20	2.19	1.34	1.32	1.35	1.31	1.31	1.17	1.34	1.68	1.57	1.43	1.27	1.26	0.87	1.00		
		-13.33	-9.35	-5.34	-4.64	-4.23	-13.75	-25.23	-32.87	-17.91	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.52	-1.22	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK 355683	EST	42.66	42.71	42.71	42.88	42.79	40.82	57.28	55.37	55.44	55.42	51.35	50.64	46.48	48.62	46.68	48.87	55.53	58.55	55.44	54.35	46.98	44.52	41.51	40.28		
		-0.26	-0.17	-0.13	-0.09	-0.30	-0.37	-0.87	-0.84	-0.96	-0.79	-0.26	-0.10	-0.05	0.05	0.00	-0.05	-0.28	-1.38	-0.79	-0.49	-0.24	-0.31	0.21	0.32		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	58.27	54.32	50.30	49.79	49.48	56.87	85.87	91.04	76.79	60.61	53.57	52.62	48.34	50.42	48.45	50.73	57.98	65.96	59.84	57.04	49.20	46.68	42.75	41.47		
		2.27	2.27	2.23	2.28	2.24	2.18	2.96	2.59	2.82	2.81	1.96	1.88	1.81	1.85	1.77	1.81	2.17	2.58	2.42	2.20	1.98	1.84	1.45	1.52		
		-13.08	-9.17	-5.24	-4.55	-4.14	-13.49	-24.75	-32.24	-17.57	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.45	-1.19	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR 323834	EST	58.27	54.32	50.30	49.79	49.48	56.87	85.87	91.04	76.79	60.55	53.57	52.62	48.34	50.42	48.45	50.73	57.98	65.96	59.84	57.04	49.15	46.68	42.75	41.47		
		2.27	2.27	2.23	2.28	2.24	2.18	2.96	2.59	2.82	2.75	1.96	1.88	1.81	1.85	1.77	1.81	2.17	2.58	2.42	2.20	1.94	1.84	1.45	1.52		
		-13.08	-9.17	-5.24	-4.55	-4.14	-13.49	-24.75	-32.24	-17.58	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.45	-1.19	0.00	0.00	0.00	0.00	0.00		
ALBANY___1 23571	EST	58.10	54.07	50.02	49.45	49.22	56.76	85.83	91.05	76.51	60.02	52.95	52.06	47.88	49.89	47.98	50.09	57.15	65.12	59.02	56.27	48.49	46.09	42.17	40.95		
		1.85	1.84	1.84	1.85	1.90	1.81	2.44	1.97	2.20	2.19	1.34	1.32	1.35	1.31	1.31	1.17	1.34	1.68	1.57	1.43	1.27	1.26	0.87	1.00		
		-13.33	-9.35	-5.34	-4.64	-4.23	-13.75	-25.23	-32.87	-17.91	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.52	-1.22	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	58.10 1.85 -13.33	54.07 1.84 -9.35	50.02 1.84 -5.34	49.45 1.85 -4.64	49.22 1.90 -4.23	56.76 1.81 -13.75	85.83 2.44 -25.23	91.05 1.97 -32.87	76.51 2.20 -17.91	60.02 2.19 -1.62	52.95 1.34 0.00	52.06 1.32 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.09 1.17 0.00	57.15 1.34 0.00	65.12 1.68 -3.52	59.02 1.57 -1.22	56.27 1.43 0.00	48.49 1.27 0.00	46.09 1.26 0.00	42.17 0.87 0.00	40.95 1.00 0.00
ALBANY___3 23573	58.10 1.85 -13.33	54.07 1.84 -9.35	50.02 1.84 -5.34	49.45 1.85 -4.64	49.22 1.90 -4.23	56.76 1.81 -13.75	85.83 2.44 -25.23	91.05 1.97 -32.87	76.51 2.20 -17.91	60.02 2.19 -1.62	52.95 1.34 0.00	52.06 1.32 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.09 1.17 0.00	57.15 1.34 0.00	65.12 1.68 -3.52	59.02 1.57 -1.22	56.27 1.43 0.00	48.49 1.27 0.00	46.09 1.26 0.00	42.17 0.87 0.00	40.95 1.00 0.00
ALBANY___4 23574	58.10 1.85 -13.33	54.07 1.84 -9.35	50.02 1.84 -5.34	49.45 1.85 -4.64	49.22 1.90 -4.23	56.76 1.81 -13.75	85.83 2.44 -25.23	91.05 1.97 -32.87	76.51 2.20 -17.91	60.02 2.19 -1.62	52.95 1.34 0.00	52.06 1.32 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.09 1.17 0.00	57.15 1.34 0.00	65.12 1.68 -3.52	59.02 1.57 -1.22	56.27 1.43 0.00	48.49 1.27 0.00	46.09 1.26 0.00	42.17 0.87 0.00	40.95 1.00 0.00
ALBANY___LFGE 323615	58.47 2.10 -13.45	54.41 2.10 -9.43	50.28 2.06 -5.38	49.75 2.10 -4.68	49.51 2.15 -4.26	57.17 2.10 -13.87	86.45 2.85 -25.45	91.84 2.47 -33.16	77.23 2.76 -18.07	60.60 2.75 -1.63	53.46 1.86 0.00	52.52 1.78 0.00	48.30 1.77 0.00	50.32 1.75 0.00	48.36 1.68 0.00	50.53 1.61 0.00	57.76 1.95 0.00	65.81 2.33 -3.55	59.59 2.14 -1.23	56.76 1.92 0.00	48.91 1.70 0.00	46.50 1.66 0.00	42.51 1.20 0.00	41.23 1.28 0.00
ALCOA_PA_115KV_PL-6C 55860	42.79 -0.13 0.00	42.84 -0.04 0.00	42.88 0.04 0.00	43.05 0.09 0.00	42.97 -0.13 0.00	40.99 -0.21 0.00	57.45 -0.70 0.00	55.54 -0.67 0.00	55.61 -0.79 0.00	55.59 -0.62 0.00	51.61 0.00 0.00	50.95 0.20 0.00	46.81 0.28 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.21 0.29 0.00	55.86 0.06 0.00	58.19 -1.74 0.00	55.66 -0.56 0.00	54.51 -0.33 0.00	47.12 -0.09 0.00	44.66 -0.18 0.00	41.72 0.41 0.00	40.52 0.56 0.00
ALCOA_RYNLDS___DRP 24188	42.79 -0.13 0.00	42.84 -0.04 0.00	42.88 0.04 0.00	43.05 0.09 0.00	42.97 -0.13 0.00	40.99 -0.21 0.00	57.45 -0.70 0.00	55.54 -0.67 0.00	55.61 -0.79 0.00	55.59 -0.62 0.00	51.61 0.00 0.00	50.95 0.20 0.00	46.81 0.28 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.21 0.29 0.00	55.86 0.06 0.00	58.19 -1.74 0.00	55.66 -0.56 0.00	54.51 -0.33 0.00	47.12 -0.09 0.00	44.66 -0.18 0.00	41.72 0.41 0.00	40.52 0.56 0.00
ALCOA___DSASP 323711	42.79 -0.13 0.00	42.88 0.00 0.00	42.88 0.04 0.00	43.01 0.04 0.00	42.97 -0.13 0.00	40.95 -0.25 0.00	57.46 -0.70 0.00	55.54 -0.67 0.00	55.61 -0.79 0.00	55.70 -0.51 0.00	51.61 0.00 0.00	50.95 0.20 0.00	46.81 0.28 0.00	48.96 0.39 0.00	47.01 0.33 0.00	49.21 0.30 0.00	55.86 0.06 0.00	58.19 -1.74 0.00	55.72 -0.51 0.00	54.62 -0.22 0.00	47.12 -0.09 0.00	44.70 -0.13 0.00	41.72 0.41 0.00	40.52 0.56 0.00
ALLEGHENY___COGEN 23514	41.70 -1.46 -0.23	41.38 -1.67 -0.17	41.23 -1.71 -0.11	41.73 -1.33 -0.10	42.86 -0.77 -0.54	42.60 -0.49 -1.89	61.69 0.06 -3.48	60.97 0.23 -4.53	56.88 0.17 -0.31	55.75 -0.67 -0.21	50.99 -0.62 0.00	50.14 -0.61 0.00	45.46 -1.07 0.00	47.70 -0.87 0.00	45.69 -0.98 0.00	47.79 -1.12 0.00	53.59 -1.17 1.04	60.20 0.18 -0.08	55.52 -0.67 0.04	52.00 -1.32 1.52	46.36 -0.85 0.01	43.64 -1.17 0.03	40.03 -1.28 0.00	39.12 -0.84 0.00
ALTAMONT_115KV_TB 2 55880	57.88 1.63 -13.33	53.85 1.63 -9.34	49.80 1.63 -5.34	49.23 1.63 -4.64	49.00 1.68 -4.22	56.59 1.65 -13.75	85.70 2.33 -25.23	91.26 2.19 -32.86	76.62 2.31 -17.91	60.13 2.30 -1.62	53.26 1.65 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.08 1.51 0.00	48.17 1.49 0.00	50.53 1.61 0.00	57.76 1.95 0.00	65.78 2.34 -3.52	59.64 2.19 -1.22	56.81 1.97 0.00	48.82 1.61 0.00	46.45 1.61 0.00	42.46 1.16 0.00	41.03 1.08 0.00
ALTONA_WT_PWR 323606	41.63 -1.29 0.00	41.76 -1.12 0.00	42.07 -0.77 0.00	42.36 -0.60 0.00	42.58 -0.52 0.00	40.58 -0.62 0.00	57.39 -0.76 0.00	56.04 -0.17 0.00	56.40 0.00 0.00	56.71 0.50 0.00	52.69 1.09 0.00	52.11 1.37 0.00	47.83 1.30 0.00	50.08 1.51 0.00	48.13 1.45 0.00	50.34 1.42 0.00	57.26 1.45 0.00	60.41 0.48 0.00	56.96 0.73 0.00	55.66 0.82 0.00	48.02 0.80 0.00	45.42 0.58 0.00	42.21 0.91 0.00	40.91 0.96 0.00
AMERICAN_REF_FUEL 24010	37.75 -5.80 -0.63	37.23 -6.09 -0.45	37.06 -6.04 -0.26	37.48 -5.71 -0.23	38.23 -5.35 -0.47	37.68 -5.15 -1.64	54.00 -7.15 -3.00	52.70 -7.42 -3.91	49.91 -7.33 -0.84	48.28 -8.09 -0.16	44.38 -7.23 0.00	43.95 -6.80 0.00	39.65 -6.89 0.00	41.73 -6.85 0.00	39.67 -7.00 0.00	41.58 -7.34 0.00	45.86 -8.88 1.07	52.02 -8.09 -0.18	47.64 -8.60 -0.01	44.22 -9.05 1.58	40.13 -7.08 0.01	37.92 -6.90 0.02	35.32 -5.99 0.00	34.96 -5.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.70 -4.81 -0.59	38.24 -5.06 -0.42	38.16 -4.92 -0.25	38.46 -4.73 -0.22	39.32 -4.31 -0.53	39.21 -3.83 -1.85	56.78 -4.77 -3.39	55.74 -4.89 -4.42	52.39 -4.79 -0.79	51.51 -4.89 -0.19	47.79 -3.82 0.00	47.29 -3.45 0.00	42.76 -3.77 0.00	44.93 -3.64 0.00	42.71 -3.97 0.00	44.61 -4.31 0.00	49.82 -4.91 1.08	55.01 -5.09 -0.17	50.38 -5.85 0.00	47.06 -6.20 1.58	42.35 -4.86 0.01	39.75 -5.07 0.02	36.93 -4.38 0.00	36.40 -3.56 0.00
ARTHUR KILL_GT_1 23520	56.86 3.13 -10.81	53.42 2.96 -7.58	50.04 2.87 -4.33	49.51 2.79 -3.76	49.59 3.06 -3.43	55.36 3.01 -11.16	83.21 4.59 -20.46	100.28 4.78 -39.29	106.91 4.90 -45.60	105.93 4.78 -44.94	55.57 3.97 0.01	54.49 3.75 0.01	51.77 3.58 -1.65	52.26 3.59 -0.09	50.31 3.55 -0.09	52.78 3.86 0.00	71.59 5.08 -10.70	100.51 6.12 -34.47	142.46 5.51 -80.72	70.39 5.04 -10.51	50.90 3.69 0.00	48.83 3.90 -0.09	44.41 3.10 0.00	42.15 2.20 0.00
ARTHUR_KILL_2 23512	56.73 3.00 -10.81	53.29 2.83 -7.58	49.91 2.74 -4.33	49.43 2.71 -3.76	49.46 2.93 -3.43	55.23 2.88 -11.16	83.03 4.42 -20.46	100.11 4.61 -39.29	106.74 4.74 -45.60	105.76 4.61 -44.94	55.47 3.87 0.01	54.39 3.66 0.01	51.63 3.44 -1.65	52.11 3.45 -0.09	50.17 3.41 -0.09	52.63 3.72 0.00	71.42 4.91 -10.70	100.27 5.88 -34.47	142.29 5.34 -80.72	70.23 4.88 -10.51	50.76 3.54 0.00	48.69 3.77 -0.09	44.28 2.98 0.00	42.03 2.08 0.00
ARTHUR_KILL_3 23513	56.55 2.83 -10.80	53.20 2.75 -7.57	49.82 2.66 -4.33	49.38 2.66 -3.75	49.32 2.80 -3.42	55.10 2.76 -11.15	82.97 4.36 -20.45	97.79 4.55 -37.03	95.40 4.68 -34.33	97.00 4.55 -36.24	55.48 3.87 0.00	54.40 3.66 0.00	51.43 3.53 -1.36	52.19 3.54 -0.07	50.25 3.50 -0.07	52.63 3.72 0.00	54.88 4.69 5.61	70.34 5.45 -4.96	97.79 4.89 -36.67	60.24 4.61 -0.79	50.71 3.49 0.00	48.54 3.63 -0.07	44.15 2.85 0.00	42.06 2.12 0.01

ARTHUR_KILL_COGEN 323718	56.86 3.13 -10.81	53.42 2.96 -7.58	50.04 2.87 -4.33	49.51 2.79 -3.76	49.59 3.06 -3.43	55.36 3.01 -11.16	83.21 4.59 -20.46	100.28 4.78 -39.29	106.91 4.90 -45.60	105.93 4.78 -44.94	55.57 3.97 0.01	54.49 3.75 0.01	51.77 3.58 -1.65	52.26 3.59 -0.09	50.31 3.55 -0.09	52.78 3.86 0.00	71.59 5.08 -10.70	100.51 6.12 -34.47	142.46 5.51 -80.72	70.39 5.04 -10.51	50.90 3.69 0.00	48.83 3.90 -0.09	44.41 3.10 0.00	42.15 2.20 0.00
ASHOKAN____ 23654	56.25 1.29 -12.04	52.52 1.20 -8.44	48.77 1.11 -4.82	48.31 1.16 -4.19	48.08 1.16 -3.82	54.90 1.28 -12.42	82.86 1.92 -22.79	87.19 1.29 -29.69	74.41 1.80 -16.20	59.31 1.63 -1.47	53.57 1.96 0.00	52.57 1.82 0.00	48.11 1.58 0.00	50.08 1.51 0.00	48.27 1.59 0.00	50.77 1.86 0.00	58.26 2.45 0.00	64.91 1.80 -3.18	58.90 1.57 -1.10	57.20 2.36 0.00	49.15 1.94 0.00	46.76 1.93 0.00	42.75 1.45 0.00	41.47 1.52 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.06 3.53 -3.43	55.77 3.42 -11.16	83.67 5.06 -20.46	100.55 5.06 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.83 4.23 0.01	54.74 4.01 0.01	52.04 3.86 -1.64	52.49 3.84 -0.08	50.54 3.78 -0.08	52.97 4.06 0.01	69.77 5.13 -8.83	76.13 6.05 -10.15	62.79 5.45 -1.11	62.79 5.04 -2.91	51.03 3.82 0.01	48.96 4.04 -0.08	44.61 3.31 0.00	42.43 2.48 0.00
ASTORIA_EAST_ENERGY_CC2 323582	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.06 3.53 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.11 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.83 4.23 0.01	54.74 4.01 0.01	52.04 3.86 -1.64	52.49 3.84 -0.08	50.54 3.78 -0.08	52.97 4.06 0.01	69.77 5.13 -8.83	76.13 6.05 -10.15	62.79 5.45 -1.11	62.79 5.04 -2.91	51.03 3.82 0.01	48.96 4.04 -0.08	44.61 3.31 0.00	42.43 2.48 0.00
ASTORIA_GT2_1 24094	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT2_2 24095	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT2_3 24096	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT2_4 24097	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT3_1 24098	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT3_2 24099	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT3_3 24100	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT3_4 24101	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT4_1 24102	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT4_2 24103	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT4_3 24104	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00

ASTORIA_GT4_4 24105	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.02 3.49 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.12 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	53.07 4.16 0.00	69.77 5.13 -8.83	76.20 6.11 -10.15	62.90 5.57 -1.11	62.90 5.16 -2.91	51.04 3.82 0.00	49.00 4.08 -0.08	44.65 3.35 0.00	42.43 2.48 0.00
ASTORIA_GT_1 23523	57.29 3.56 -10.81	53.93 3.47 -7.58	50.68 3.51 -4.33	50.17 3.44 -3.77	50.15 3.62 -3.43	55.85 3.50 -11.16	83.79 5.17 -20.46	100.72 5.23 -39.28	101.84 5.36 -40.08	106.31 5.17 -44.93	55.93 4.34 0.01	54.84 4.11 0.01	52.13 3.95 -1.64	52.59 3.93 -0.08	50.68 3.92 -0.08	53.06 4.16 0.01	69.94 5.30 -8.83	76.32 6.23 -10.15	62.96 5.62 -1.11	62.90 5.15 -2.91	51.13 3.92 0.01	49.04 4.12 -0.08	44.69 3.39 0.00	42.52 2.56 0.00
ASTORIA_GT_10 24110	57.04 3.30 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	53.03 4.11 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.80 5.45 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
ASTORIA_GT_11 24225	57.04 3.30 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	53.03 4.11 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.80 5.45 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
ASTORIA_GT_12 24226	57.04 3.30 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	53.03 4.11 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.80 5.45 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
ASTORIA_GT_13 24227	57.04 3.30 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	53.03 4.11 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.80 5.45 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
ASTORIA_GT_5 24106	57.29 3.56 -10.81	53.98 3.52 -7.58	50.68 3.51 -4.33	50.17 3.44 -3.77	50.06 3.53 -3.43	55.81 3.46 -11.16	83.79 5.18 -20.46	100.72 5.23 -39.28	101.84 5.36 -40.08	106.32 5.17 -44.93	55.99 4.39 0.00	54.90 4.16 0.00	52.13 3.96 -1.64	52.59 3.93 -0.08	50.68 3.92 -0.08	53.17 4.26 0.00	69.88 5.25 -8.83	76.32 6.23 -10.15	63.02 5.68 -1.11	63.01 5.26 -2.91	51.14 3.92 0.00	49.09 4.17 -0.08	44.69 3.39 0.00	42.51 2.56 0.00
ASTORIA_GT_7 24107	57.29 3.56 -10.81	53.98 3.52 -7.58	50.68 3.51 -4.33	50.17 3.44 -3.77	50.06 3.53 -3.43	55.81 3.46 -11.16	83.79 5.18 -20.46	100.72 5.23 -39.28	101.84 5.36 -40.08	106.32 5.17 -44.93	55.99 4.39 0.00	54.90 4.16 0.00	52.13 3.96 -1.64	52.59 3.93 -0.08	50.68 3.92 -0.08	53.17 4.26 0.00	69.88 5.25 -8.83	76.32 6.23 -10.15	63.02 5.68 -1.11	63.01 5.26 -2.91	51.14 3.92 0.00	49.09 4.17 -0.08	44.69 3.39 0.00	42.51 2.56 0.00
ASTORIA_GT_8 24108	57.29 3.56 -10.81	53.98 3.52 -7.58	50.68 3.51 -4.33	50.17 3.44 -3.77	50.06 3.53 -3.43	55.81 3.46 -11.16	83.79 5.18 -20.46	100.72 5.23 -39.28	101.84 5.36 -40.08	106.32 5.17 -44.93	55.99 4.39 0.00	54.90 4.16 0.00	52.13 3.96 -1.64	52.59 3.93 -0.08	50.68 3.92 -0.08	53.17 4.26 0.00	69.88 5.25 -8.83	76.32 6.23 -10.15	63.02 5.68 -1.11	63.01 5.26 -2.91	51.14 3.92 0.00	49.09 4.17 -0.08	44.69 3.39 0.00	42.51 2.56 0.00
ASTORIA___2 24149	57.21 3.48 -10.81	53.89 3.43 -7.58	50.60 3.43 -4.33	50.12 3.39 -3.77	50.06 3.53 -3.43	55.77 3.42 -11.16	83.73 5.12 -20.46	100.61 5.11 -39.28	101.72 5.25 -40.08	106.20 5.06 -44.93	55.83 4.23 0.01	54.80 4.06 0.01	52.04 3.86 -1.64	52.49 3.84 -0.08	50.59 3.83 -0.08	52.97 4.06 0.01	69.83 5.19 -8.83	76.20 6.12 -10.15	62.79 5.45 -1.11	62.79 5.04 -2.91	51.03 3.82 0.01	48.96 4.04 -0.08	44.65 3.34 0.00	42.47 2.52 0.00
ASTORIA___3 23516	57.04 3.31 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.80 3.27 -3.43	55.57 3.22 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.84 4.23 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	52.97 4.06 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.74 5.40 -1.12	62.75 4.99 -2.92	51.04 3.82 0.00	48.92 3.99 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
ASTORIA___4 23517	57.04 3.30 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	53.03 4.11 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.80 5.45 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
ASTORIA___5 23518	57.04 3.31 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.80 3.27 -3.43	55.57 3.22 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.84 4.23 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	52.97 4.06 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.74 5.40 -1.12	62.75 4.99 -2.92	51.04 3.82 0.00	48.92 3.99 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
AST_ENERGY_2_CC3 323677	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.45 2.93 -3.42	55.23 2.88 -11.15	83.08 4.48 -20.45	98.01 4.78 -37.02	96.81 4.90 -35.51	98.17 4.83 -37.13	55.63 4.03 0.00	54.55 3.81 0.00	51.66 3.77 -1.36	52.29 3.64 -0.07	50.44 3.69 -0.07	52.78 3.86 0.00	69.60 4.97 -8.82	75.83 5.75 -10.14	62.49 5.17 -1.10	62.07 4.83 -2.40	50.85 3.64 0.00	48.68 3.77 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
AST_ENERGY_2_CC4 323678	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.45 2.93 -3.42	55.23 2.88 -11.15	83.08 4.48 -20.45	98.01 4.78 -37.02	96.81 4.90 -35.51	98.17 4.83 -37.13	55.63 4.03 0.00	54.55 3.81 0.00	51.66 3.77 -1.36	52.29 3.64 -0.07	50.44 3.69 -0.07	52.78 3.86 0.00	69.60 4.97 -8.82	75.83 5.75 -10.14	62.49 5.17 -1.10	62.07 4.83 -2.40	50.85 3.64 0.00	48.68 3.77 -0.07	44.28 2.98 0.00	42.19 2.24 0.00

ATHENS_STG_1 23668	56.74 1.84 -11.98	53.08 1.80 -8.40	49.43 1.80 -4.80	48.98 1.85 -4.17	48.83 1.94 -3.80	55.41 1.86 -12.36	83.56 2.73 -22.67	88.44 2.70 -29.53	75.37 2.87 -16.10	60.47 2.81 -1.46	53.77 2.17 0.00	52.78 2.03 0.00	48.49 1.95 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.49 2.68 0.00	66.32 3.23 -3.16	60.19 2.87 -1.09	57.47 2.63 0.00	49.29 2.08 0.00	46.95 2.11 0.00	42.88 1.57 0.00	41.27 1.32 0.00
ATHENS_STG_2 23670	56.74 1.84 -11.98	53.08 1.80 -8.40	49.43 1.80 -4.80	48.98 1.85 -4.17	48.83 1.94 -3.80	55.41 1.86 -12.36	83.56 2.73 -22.67	88.44 2.70 -29.53	75.37 2.87 -16.10	60.47 2.81 -1.46	53.77 2.17 0.00	52.78 2.03 0.00	48.49 1.95 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.49 2.68 0.00	66.32 3.23 -3.16	60.19 2.87 -1.09	57.47 2.63 0.00	49.29 2.08 0.00	46.95 2.11 0.00	42.88 1.57 0.00	41.27 1.32 0.00
ATHENS_STG_3 23677	56.74 1.84 -11.98	53.08 1.80 -8.40	49.43 1.80 -4.80	48.98 1.85 -4.17	48.83 1.94 -3.80	55.41 1.86 -12.36	83.56 2.73 -22.67	88.44 2.70 -29.53	75.37 2.87 -16.10	60.47 2.81 -1.46	53.77 2.17 0.00	52.78 2.03 0.00	48.49 1.95 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.49 2.68 0.00	66.32 3.23 -3.16	60.19 2.87 -1.09	57.47 2.63 0.00	49.29 2.08 0.00	46.95 2.11 0.00	42.88 1.57 0.00	41.27 1.32 0.00
AUBURN___LFGE 323710	43.84 -0.77 -1.69	43.25 -0.81 -1.18	42.61 -0.90 -0.67	42.73 -0.82 -0.58	42.98 -0.56 -0.45	42.24 -0.37 -1.42	60.76 0.00 -2.60	59.83 0.22 -3.39	59.00 0.34 -2.27	56.60 0.22 -0.17	51.66 0.05 0.00	50.69 -0.05 0.00	46.35 -0.19 0.00	48.48 -0.10 0.00	46.49 -0.19 0.00	48.62 -0.29 0.00	56.29 -0.39 -0.87	60.61 0.24 -0.44	56.43 0.00 -0.20	55.79 -0.33 -1.28	46.94 -0.28 0.00	44.35 -0.49 -0.01	40.60 -0.70 0.00	39.36 -0.60 0.00
BABYLON_RES_REC 323704	78.55 3.99 -31.63	55.22 3.90 -8.44	51.02 3.86 -4.32	50.79 3.91 -3.91	61.70 4.05 -14.55	69.90 3.92 -24.79	114.23 5.81 -50.26	144.07 5.96 -81.91	136.86 6.04 -74.42	120.76 5.90 -58.65	65.31 5.27 -8.44	62.50 5.07 -6.68	62.19 4.75 -10.91	61.93 4.86 -8.49	61.28 4.76 -9.84	62.22 5.09 -8.22	71.76 6.14 -9.81	91.67 7.07 -24.67	82.25 6.35 -19.67	72.75 5.98 -11.93	63.51 4.82 -11.47	60.60 4.89 -10.88	54.88 3.88 -9.69	52.72 3.24 -9.53
BABYLON__69_KV_BK2 356345	79.02 4.46 -31.63	55.78 4.46 -8.44	51.49 4.33 -4.32	51.26 4.38 -3.91	62.22 4.57 -14.55	70.35 4.37 -24.79	114.81 6.40 -50.26	144.64 6.52 -81.91	137.47 6.66 -74.42	121.32 6.46 -58.65	66.08 6.04 -8.44	63.21 5.78 -6.68	62.83 5.40 -10.91	62.61 5.54 -8.49	61.93 5.41 -9.84	62.96 5.82 -8.22	72.59 6.98 -9.81	92.57 7.97 -24.67	83.15 7.25 -19.67	73.63 6.86 -11.93	64.17 5.48 -11.47	61.23 5.52 -10.88	55.37 4.38 -9.69	53.20 3.72 -9.53
BALL_HILL_WT_PWR 323825	38.86 -4.68 -0.61	38.47 -4.85 -0.44	38.25 -4.84 -0.26	38.42 -4.77 -0.23	39.18 -4.44 -0.52	38.88 -4.12 -1.80	56.05 -5.41 -3.31	54.96 -5.57 -4.31	51.69 -5.52 -0.82	50.66 -5.73 -0.18	46.96 -4.64 0.00	46.38 -4.36 0.00	41.92 -4.61 0.00	44.06 -4.52 0.00	41.96 -4.71 0.00	43.88 -5.04 0.00	48.99 -5.75 1.07	54.30 -5.81 -0.18	49.82 -6.41 0.00	46.68 -6.58 1.57	42.16 -5.05 0.01	39.70 -5.11 0.02	36.93 -4.38 0.00	36.36 -3.60 0.00
BARON_WINDS___WT_PWR 323822	40.35 -2.83 -0.26	40.20 -2.87 -0.20	40.14 -2.83 -0.13	40.33 -2.75 -0.12	41.37 -2.41 -0.69	41.50 -2.14 -2.45	60.21 -2.44 -4.50	59.66 -2.42 -5.86	54.43 -2.31 -0.34	53.95 -2.53 -0.27	49.65 -1.96 0.00	48.87 -1.88 0.00	44.39 -2.14 0.00	46.54 -2.04 0.00	44.48 -2.19 0.00	46.57 -2.35 0.00	51.99 -2.62 1.20	57.63 -2.40 -0.10	53.25 -2.93 0.05	49.91 -3.18 1.75	44.79 -2.41 0.02	42.15 -2.65 0.04	38.91 -2.40 0.00	38.00 -1.96 0.00
BARRETT_IC_1 23704	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_10 23701	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_11 23702	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_12 23703	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_2 23705	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_3 23706	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_4 23707	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53

BARRETT_IC_5 23708	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_6 23709	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_7 23710	78.07 3.52 -31.63	54.75 3.43 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.23 -50.26	143.35 5.23 -81.91	136.23 5.41 -74.42	120.20 5.34 -58.65	64.38 4.33 -8.44	61.49 4.06 -6.68	61.25 3.82 -10.91	60.91 3.84 -8.49	60.30 3.78 -9.84	61.25 4.11 -8.22	70.70 5.08 -9.81	90.42 5.81 -24.67	81.30 5.40 -19.67	71.82 5.05 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_8 23711	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT_IC_9 23700	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT___1 23545	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BARRETT___2 23546	78.07 3.52 -31.63	54.71 3.39 -8.44	50.50 3.34 -4.32	50.23 3.35 -3.91	61.18 3.53 -14.55	69.40 3.42 -24.79	113.65 5.24 -50.26	143.35 5.23 -81.91	136.35 5.53 -74.42	120.20 5.34 -58.65	64.38 4.34 -8.44	61.43 4.01 -6.68	61.25 3.82 -10.91	60.90 3.84 -8.49	60.30 3.78 -9.84	61.19 4.06 -8.22	70.69 5.08 -9.81	90.42 5.81 -24.67	81.24 5.34 -19.67	71.76 4.99 -11.93	62.56 3.87 -11.47	59.66 3.95 -10.88	54.22 3.22 -9.69	52.16 2.68 -9.53
BATAVIA__115KV_TB1 55881	39.61 -3.95 -0.64	39.09 -4.24 -0.45	38.86 -4.24 -0.27	38.99 -4.21 -0.23	40.05 -3.49 -0.44	39.46 -3.25 -1.52	56.82 -4.13 -2.79	55.52 -4.33 -3.64	52.97 -4.29 -0.86	51.65 -4.72 -0.16	47.01 -4.59 0.00	46.53 -4.21 0.00	42.06 -4.47 0.00	44.20 -4.37 0.00	42.15 -4.53 0.00	43.88 -5.04 0.00	48.91 -5.80 1.10	55.44 -4.67 -0.18	50.95 -5.29 -0.01	47.64 -5.59 1.61	42.68 -4.53 0.01	40.38 -4.44 0.02	37.26 -4.05 0.00	36.84 -3.12 0.00
BAYONEEC___CTG1 323682	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG10 323750	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG2 323683	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG3 323684	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG4 323685	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG5 323686	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG6 323687	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00

BAYONEEC___CTG7 323688	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG8 323689	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BAYONEEC___CTG9 323749	56.73 3.00 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.93 -11.15	83.14 4.54 -20.45	97.96 4.72 -37.03	96.82 4.90 -35.52	98.13 4.78 -37.15	55.68 4.08 0.00	54.55 3.81 0.00	51.62 3.72 -1.36	52.34 3.69 -0.07	50.39 3.64 -0.07	52.83 3.91 0.00	69.55 4.91 -8.83	75.78 5.70 -10.15	62.44 5.12 -1.10	62.01 4.77 -2.41	50.90 3.69 0.00	48.72 3.81 -0.07	44.28 2.98 0.00	42.19 2.24 0.00
BEACON___LESR 323632	58.77 2.53 -13.32	54.75 2.53 -9.34	50.65 2.48 -5.33	50.13 2.53 -4.63	49.86 2.54 -4.22	57.45 2.51 -13.74	86.85 3.49 -25.21	92.20 3.15 -32.84	77.74 3.44 -17.90	61.26 3.43 -1.62	54.08 2.48 0.00	53.13 2.39 0.00	48.81 2.28 0.00	50.86 2.28 0.00	48.83 2.15 0.00	51.07 2.15 0.00	58.38 2.57 0.00	66.44 3.00 -3.51	60.25 2.81 -1.22	57.36 2.52 0.00	49.44 2.22 0.00	46.95 2.11 0.00	42.92 1.61 0.00	41.63 1.68 0.00
BEAVER RIVER___HYD 24048	42.87 -0.47 -0.42	42.88 -0.30 -0.30	42.96 -0.04 -0.17	43.15 0.04 -0.15	43.36 0.13 -0.13	41.84 0.21 -0.44	59.47 0.52 -0.80	57.87 0.62 -1.04	57.53 0.56 -0.57	56.66 0.40 -0.05	52.02 0.41 0.00	51.35 0.61 0.00	47.04 0.51 0.00	49.25 0.68 0.00	47.28 0.61 0.00	49.60 0.68 0.00	56.59 0.78 0.00	60.52 0.48 -0.11	56.99 0.73 -0.04	55.39 0.55 0.00	47.59 0.38 0.00	44.93 0.09 0.00	41.39 0.08 0.00	40.12 0.16 0.00
BEEBEE_GT_13 23619	40.71 -2.88 -0.66	40.22 -3.13 -0.47	39.98 -3.13 -0.27	40.15 -3.05 -0.24	41.16 -2.33 -0.39	40.33 -2.18 -1.32	57.84 -2.73 -2.42	56.67 -2.70 -3.15	54.58 -2.71 -0.89	53.33 -3.04 -0.16	48.25 -3.35 0.00	47.65 -3.10 0.00	43.27 -3.26 0.00	45.37 -3.21 0.00	43.41 -3.27 0.00	45.30 -3.62 0.00	50.39 -4.30 1.12	57.12 -3.00 -0.18	52.48 -3.77 -0.02	49.14 -4.06 1.65	44.05 -3.16 0.00	41.55 -3.27 0.01	38.33 -2.97 0.00	37.56 -2.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.29 3.56 -10.81	53.89 3.43 -7.58	50.47 3.30 -4.33	49.99 3.27 -3.76	50.02 3.49 -3.43	55.73 3.38 -11.16	83.85 5.23 -20.46	100.90 5.40 -39.29	107.59 5.58 -45.60	106.60 5.45 -44.94	56.25 4.64 0.00	55.16 4.41 0.00	52.32 4.14 -1.65	52.84 4.18 -0.09	50.87 4.11 -0.09	53.42 4.50 0.00	72.15 5.64 -10.70	101.11 6.71 -34.47	143.13 6.18 -80.72	71.05 5.70 -10.51	51.42 4.20 0.00	49.37 4.44 -0.09	44.86 3.55 0.00	42.59 2.64 0.00
BETHLEHEM___GRP 23843	58.10 1.85 -13.33	54.07 1.84 -9.35	50.02 1.84 -5.34	49.45 1.85 -4.64	49.22 1.90 -4.23	56.76 1.81 -13.75	85.83 2.44 -25.23	91.05 1.97 -32.87	76.51 2.20 -17.91	60.02 2.19 -1.62	52.95 1.34 0.00	52.06 1.32 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.09 1.17 0.00	57.15 1.34 0.00	65.12 1.68 -3.52	59.02 1.57 -1.22	56.27 1.43 0.00	48.49 1.27 0.00	46.09 1.26 0.00	42.17 0.87 0.00	40.95 1.00 0.00
BETHLEHEM___GS1 323560	58.10 1.84 -13.33	54.07 1.84 -9.35	50.01 1.84 -5.34	49.45 1.85 -4.64	49.22 1.89 -4.23	56.80 1.86 -13.75	85.83 2.44 -25.23	91.05 1.97 -32.87	76.51 2.20 -17.91	60.02 2.19 -1.62	52.95 1.34 0.00	52.01 1.27 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.09 1.17 0.00	57.20 1.40 0.00	65.19 1.74 -3.52	59.02 1.57 -1.22	56.21 1.37 0.00	48.49 1.28 0.00	46.09 1.25 0.00	42.18 0.87 0.00	40.96 1.00 0.00
BETHLEHEM___GS2 323561	58.10 1.84 -13.33	54.07 1.84 -9.35	50.01 1.84 -5.34	49.45 1.85 -4.64	49.22 1.89 -4.23	56.80 1.86 -13.75	85.83 2.44 -25.23	91.05 1.97 -32.87	76.51 2.20 -17.91	60.02 2.19 -1.62	52.95 1.34 0.00	52.01 1.27 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.09 1.17 0.00	57.20 1.40 0.00	65.19 1.74 -3.52	59.02 1.57 -1.22	56.21 1.37 0.00	48.49 1.28 0.00	46.09 1.25 0.00	42.18 0.87 0.00	40.96 1.00 0.00
BETHLEHEM___GS3 323562	58.10 1.84 -13.33	54.07 1.84 -9.35	50.01 1.84 -5.34	49.45 1.85 -4.64	49.22 1.89 -4.23	56.80 1.86 -13.75	85.83 2.44 -25.23	91.05 1.97 -32.87	76.51 2.20 -17.91	60.02 2.19 -1.62	52.95 1.34 0.00	52.01 1.27 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.09 1.17 0.00	57.20 1.40 0.00	65.19 1.74 -3.52	59.02 1.57 -1.22	56.21 1.37 0.00	48.49 1.28 0.00	46.09 1.25 0.00	42.18 0.87 0.00	40.96 1.00 0.00
BETHLEHEM___STEEL 23779	38.81 -4.72 -0.61	38.47 -4.85 -0.43	38.17 -4.93 -0.26	38.29 -4.90 -0.22	38.99 -4.61 -0.51	38.62 -4.33 -1.75	55.73 -5.64 -3.22	54.56 -5.85 -4.19	51.46 -5.75 -0.81	50.26 -6.13 -0.18	46.60 -5.01 0.00	46.13 -4.62 0.00	41.69 -4.84 0.00	43.81 -4.76 0.00	41.68 -4.99 0.00	43.39 -5.53 0.00	48.71 -6.03 1.07	53.99 -6.11 -0.18	50.33 -5.90 -0.01	47.18 -6.09 1.58	42.06 -5.15 0.01	39.89 -4.93 0.02	36.80 -4.50 0.00	36.32 -3.64 0.00
BETHLHEM_115KV_TB1 79974	58.05 1.80 -13.32	54.02 1.80 -9.34	49.97 1.80 -5.33	49.40 1.80 -4.64	49.17 1.85 -4.22	56.75 1.81 -13.74	85.81 2.44 -25.22	91.08 2.02 -32.85	76.56 2.26 -17.90	60.08 2.25 -1.62	53.00 1.39 0.00	52.11 1.37 0.00	47.93 1.40 0.00	49.93 1.36 0.00	48.03 1.35 0.00	50.19 1.27 0.00	57.26 1.45 0.00	65.30 1.86 -3.51	59.19 1.74 -1.22	56.38 1.54 0.00	48.59 1.37 0.00	46.18 1.35 0.00	42.26 0.95 0.00	40.95 1.00 0.00
BETHPAGE_CC_5 323564	78.29 3.73 -31.63	54.96 3.64 -8.44	50.71 3.55 -4.32	50.49 3.61 -3.91	61.39 3.75 -14.55	69.61 3.63 -24.79	113.88 5.46 -50.26	143.57 5.45 -81.91	136.40 5.58 -74.42	120.31 5.45 -58.65	64.74 4.70 -8.44	61.94 4.51 -6.68	61.72 4.28 -10.91	61.39 4.32 -8.49	60.77 4.25 -9.84	61.69 4.55 -8.22	71.14 5.53 -9.81	91.02 6.42 -24.67	81.64 5.74 -19.67	72.15 5.38 -11.93	62.99 4.30 -11.47	60.06 4.35 -10.88	54.50 3.51 -9.69	52.36 2.88 -9.53
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.85 -4.68 -0.61	38.55 -4.76 -0.43	38.25 -4.84 -0.26	38.33 -4.85 -0.23	38.91 -4.70 -0.51	38.56 -4.41 -1.77	55.70 -5.70 -3.25	54.60 -5.85 -4.24	51.46 -5.75 -0.82	50.21 -6.18 -0.18	46.86 -4.75 0.00	46.33 -4.41 0.00	41.88 -4.65 0.00	44.06 -4.52 0.00	41.92 -4.76 0.00	43.58 -5.33 0.00	49.10 -5.64 1.07	54.05 -6.05 -0.18	50.61 -5.62 -0.01	47.51 -5.76 1.57	42.25 -4.96 0.01	40.11 -4.71 0.02	36.97 -4.34 0.00	36.40 -3.56 0.00

BINGHAMTON___COGEN 23790	46.24 -0.26 -3.58	45.13 -0.26 -2.51	43.92 -0.34 -1.43	43.91 -0.30 -1.24	44.06 -0.17 -1.13	44.84 -0.04 -3.69	65.27 0.35 -6.77	65.48 0.45 -8.82	61.71 0.51 -4.80	56.92 0.28 -0.43	51.97 0.36 0.00	51.05 0.30 0.00	46.67 0.14 0.00	48.77 0.19 0.00	46.82 0.14 0.00	49.06 0.15 0.00	56.24 0.28 -0.15	61.53 0.66 -0.94	57.13 0.56 -0.34	55.34 0.27 -0.23	47.36 0.14 0.00	44.93 0.09 0.00	41.10 -0.21 0.00	39.84 -0.12 0.00
BIXINCNT_115KV_LOAD 355685	38.28 -5.24 -0.60	38.12 -5.19 -0.43	37.95 -5.14 -0.25	38.12 -5.07 -0.22	38.46 -5.17 -0.54	38.49 -4.57 -1.87	55.82 -5.76 -3.42	54.94 -5.73 -4.46	51.62 -5.58 -0.80	50.33 -6.07 -0.19	47.68 -3.92 0.00	47.24 -3.50 0.00	42.67 -3.86 0.00	44.83 -3.74 0.00	42.66 -4.01 0.00	44.37 -4.55 0.00	50.33 -4.41 1.07	54.41 -5.69 -0.18	51.62 -4.61 0.00	48.49 -4.77 1.58	42.77 -4.44 0.01	40.69 -4.13 0.02	37.30 -4.01 0.00	36.48 -3.48 0.00
BLACK RIVER___HYD 24047	43.41 -0.09 -0.57	43.28 0.00 -0.40	43.15 0.09 -0.23	43.38 0.22 -0.20	43.66 0.39 -0.18	42.32 0.53 -0.59	60.40 1.16 -1.08	58.92 1.29 -1.41	58.35 1.19 -0.77	57.18 0.90 -0.07	52.43 0.82 0.00	51.71 0.96 0.00	47.23 0.70 0.00	49.49 0.92 0.00	47.52 0.84 0.00	49.84 0.93 0.00	56.98 1.17 0.00	61.40 1.32 -0.15	57.63 1.35 -0.05	55.94 1.10 0.00	47.97 0.75 0.00	45.24 0.40 0.00	41.51 0.21 0.00	40.20 0.24 0.00
BLACKRVR_115KV_TB2 79977	43.41 -0.09 -0.57	43.28 0.00 -0.40	43.15 0.09 -0.23	43.33 0.17 -0.20	43.67 0.39 -0.18	42.32 0.54 -0.59	60.40 1.16 -1.08	58.91 1.29 -1.41	58.35 1.18 -0.77	57.23 0.96 -0.07	52.43 0.83 0.00	51.71 0.96 0.00	47.23 0.70 0.00	49.50 0.92 0.00	47.52 0.84 0.00	49.80 0.88 0.00	56.98 1.17 0.00	61.40 1.32 -0.15	57.69 1.41 -0.05	55.94 1.10 0.00	47.97 0.76 0.00	45.24 0.40 0.00	41.51 0.21 0.00	40.24 0.28 0.00
BLISS_WT_PWR 323608	37.94 -5.58 -0.60	37.73 -5.57 -0.43	37.78 -5.31 -0.25	37.65 -5.54 -0.22	38.42 -5.22 -0.54	38.49 -4.57 -1.87	55.82 -5.76 -3.42	54.93 -5.73 -4.46	51.68 -5.52 -0.80	51.06 -5.34 -0.19	47.73 -3.87 0.00	47.29 -3.45 0.00	42.72 -3.81 0.00	44.88 -3.69 0.00	42.71 -3.97 0.00	44.61 -4.31 0.00	50.32 -4.41 1.07	54.35 -5.75 -0.18	50.10 -6.13 0.00	47.40 -5.87 1.58	42.72 -4.49 0.01	40.11 -4.71 0.02	37.22 -4.09 0.00	36.36 -3.60 0.00
BLUESTONE___WT_PWR 323821	49.85 2.36 -4.57	48.39 2.31 -3.20	46.80 2.14 -1.82	46.78 2.23 -1.58	46.83 2.50 -1.24	47.80 2.64 -3.97	70.02 4.59 -7.28	70.41 4.72 -9.48	67.28 4.74 -6.14	61.06 4.39 -0.46	55.63 4.03 0.00	54.65 3.91 0.00	49.88 3.35 0.00	52.17 3.59 0.00	49.99 3.31 0.00	52.44 3.52 0.00	60.74 4.30 -0.63	66.34 5.21 -1.19	61.30 4.61 -0.46	59.88 4.12 -0.92	50.62 3.40 -0.01	47.72 2.87 -0.01	43.54 2.23 0.00	42.11 2.16 0.00
BLUE_CIRC_CHEM_DRP 24182	58.01 1.97 -13.11	54.05 1.97 -9.20	50.06 1.97 -5.25	49.50 1.98 -4.56	49.24 1.98 -4.16	56.66 1.94 -13.53	85.65 2.67 -24.82	90.85 2.30 -32.33	76.56 2.54 -17.63	60.28 2.47 -1.59	53.36 1.75 0.00	52.42 1.67 0.00	48.16 1.63 0.00	50.23 1.65 0.00	48.26 1.59 0.00	50.53 1.61 0.00	57.71 1.90 0.00	65.67 2.28 -3.46	59.62 2.19 -1.20	56.81 1.97 0.00	48.92 1.70 0.00	46.50 1.66 0.00	42.55 1.24 0.00	41.23 1.28 0.00
BOC_GAS_DRP 24189	57.74 1.55 -13.28	53.73 1.54 -9.31	49.65 1.50 -5.32	49.13 1.55 -4.62	48.90 1.59 -4.21	56.41 1.52 -13.70	85.43 2.15 -25.13	90.91 1.97 -32.73	76.38 2.14 -17.84	59.90 2.08 -1.61	53.05 1.44 0.00	52.11 1.37 0.00	47.88 1.35 0.00	49.93 1.36 0.00	48.03 1.35 0.00	50.34 1.42 0.00	57.54 1.73 0.00	65.53 2.10 -3.50	59.41 1.97 -1.21	56.60 1.75 0.00	48.68 1.46 0.00	46.27 1.43 0.00	42.34 1.03 0.00	40.91 0.96 0.00
BOONVILLE_115KV_TB1 79983	44.04 0.73 -0.39	43.97 0.81 -0.27	43.93 0.94 -0.16	44.09 0.99 -0.14	44.34 1.12 -0.12	42.79 1.19 -0.40	60.86 1.98 -0.74	59.19 2.02 -0.96	59.01 2.09 -0.52	58.17 1.91 -0.05	53.31 1.70 0.00	52.42 1.67 0.00	47.97 1.44 0.00	50.18 1.60 0.00	48.17 1.49 0.00	50.48 1.57 0.00	57.71 1.90 0.00	62.13 2.10 -0.10	58.23 1.97 -0.04	56.60 1.75 0.00	48.59 1.37 0.00	46.00 1.17 0.00	42.17 0.87 0.00	40.84 0.88 0.00
BORALEX_4TH_BRANCH 23824	58.88 2.66 -13.30	54.86 2.66 -9.32	50.90 2.74 -5.32	50.34 2.75 -4.63	50.16 2.84 -4.21	57.55 2.64 -13.72	87.04 3.72 -25.17	92.48 3.49 -32.79	77.93 3.67 -17.87	61.42 3.60 -1.62	53.98 2.37 0.00	53.03 2.28 0.00	48.72 2.19 0.00	50.81 2.23 0.00	48.92 2.24 0.00	51.56 2.64 0.00	59.10 3.29 0.00	67.33 3.90 -3.51	61.21 3.77 -1.21	58.35 3.51 0.00	50.10 2.88 0.00	47.62 2.78 0.00	43.29 1.98 0.00	41.83 1.88 0.00
BOWLINE___1 23526	55.68 2.27 -10.49	52.46 2.23 -7.35	49.30 2.27 -4.20	48.93 2.32 -3.65	48.87 2.46 -3.32	54.28 2.26 -10.82	81.49 3.49 -19.85	86.03 3.65 -26.17	74.88 3.78 -14.71	62.19 3.65 -2.33	54.81 3.20 0.00	53.79 3.04 0.00	49.48 2.89 -0.06	51.44 2.87 0.00	49.53 2.85 0.00	52.05 3.13 0.00	60.15 3.96 -0.38	67.74 4.73 -3.08	61.35 4.16 -0.96	58.78 3.84 -0.11	50.19 2.98 0.00	47.89 3.05 0.00	43.66 2.35 0.00	41.76 1.80 0.00
BOWLINE___2 23595	55.77 2.36 -10.49	52.54 2.31 -7.35	49.35 2.31 -4.20	48.93 2.32 -3.65	48.87 2.46 -3.32	54.36 2.35 -10.82	81.61 3.61 -19.86	86.09 3.71 -26.17	74.94 3.84 -14.71	62.25 3.71 -2.33	54.86 3.25 0.00	53.79 3.04 0.00	49.48 2.89 -0.06	51.44 2.87 0.00	49.53 2.85 0.00	52.05 3.13 0.00	60.15 3.96 -0.38	67.74 4.73 -3.08	61.35 4.16 -0.96	58.78 3.84 -0.11	50.19 2.98 0.00	47.89 3.05 0.00	43.66 2.35 0.00	41.76 1.80 0.00
BRADY___115KV_TB2 356060	43.05 0.13 0.00	43.14 0.26 0.00	43.18 0.34 0.00	43.35 0.39 0.00	43.23 0.13 0.00	41.19 0.00 0.00	57.74 -0.41 0.00	55.99 -0.22 0.00	56.00 -0.39 0.00	55.93 -0.28 0.00	51.97 0.36 0.00	51.45 0.71 0.00	47.23 0.70 0.00	49.50 0.92 0.00	47.52 0.84 0.00	49.70 0.78 0.00	56.37 0.56 0.00	58.43 -1.50 0.00	56.00 -0.22 0.00	54.84 0.00 0.00	47.36 0.14 0.00	44.84 0.00 0.00	41.93 0.62 0.00	40.76 0.80 0.00
BRANSCOMB___SOLAR 323811	59.17 2.58 -13.67	55.00 2.53 -9.59	50.79 2.48 -5.48	50.30 2.58 -4.76	49.97 2.54 -4.33	57.86 2.55 -14.11	87.76 3.72 -25.88	93.58 3.65 -33.71	78.61 3.84 -18.37	61.52 3.65 -1.66	54.44 2.84 0.00	53.43 2.69 0.00	49.04 2.51 0.00	51.24 2.67 0.00	49.20 2.52 0.00	51.65 2.74 0.00	59.21 3.40 0.00	67.49 3.95 -3.61	61.19 3.71 -1.25	58.24 3.40 0.00	50.10 2.88 0.00	47.44 2.60 0.00	43.29 1.98 0.00	41.79 1.84 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	78.85 4.29 -31.63	55.61 4.29 -8.44	51.36 4.20 -4.32	51.13 4.25 -3.91	62.00 4.35 -14.55	70.18 4.20 -24.79	114.52 6.11 -50.26	144.30 6.18 -81.91	137.14 6.32 -74.42	121.04 6.18 -58.65	65.77 5.73 -8.44	62.91 5.48 -6.68	62.56 5.12 -10.91	62.31 5.25 -8.49	61.65 5.13 -9.84	62.66 5.53 -8.22	72.26 6.64 -9.81	92.15 7.55 -24.67	82.76 6.86 -19.67	73.30 6.53 -11.93	63.93 5.24 -11.47	61.00 5.29 -10.88	55.21 4.21 -9.69	53.04 3.56 -9.53

BRISTLHL_115KV_TB1 79998	42.37 -1.42 -0.86	42.03 -1.46 -0.61	41.68 -1.50 -0.35	41.85 -1.42 -0.30	42.12 -1.25 -0.27	40.97 -1.11 -0.89	58.51 -1.28 -1.64	57.22 -1.12 -2.13	56.49 -1.07 -1.16	55.19 -1.12 -0.11	50.37 -1.24 0.00	49.47 -1.27 0.00	45.28 -1.26 0.00	47.31 -1.26 0.00	45.42 -1.26 0.00	47.60 -1.32 0.00	54.30 -1.51 0.00	59.08 -1.08 -0.23	55.08 -1.24 -0.08	53.41 -1.43 0.00	45.99 -1.23 0.00	43.58 -1.26 0.00	39.94 -1.36 0.00	38.68 -1.28 0.00
BROOKHAVEN___DRP 24191	78.97 4.42 -31.63	55.99 4.67 -8.44	51.70 4.54 -4.32	51.47 4.60 -3.91	62.34 4.70 -14.55	70.39 4.41 -24.79	113.88 5.47 -50.26	143.85 5.73 -81.91	136.63 5.81 -74.42	120.65 5.79 -58.65	66.29 6.24 -8.44	63.21 5.78 -6.68	62.79 5.35 -10.91	62.46 5.39 -8.49	61.84 5.32 -9.84	62.86 5.72 -8.22	72.54 6.92 -9.81	92.09 7.49 -24.67	82.64 6.75 -19.67	73.41 6.64 -11.93	63.84 5.15 -11.47	61.09 5.38 -10.88	55.25 4.25 -9.69	53.00 3.52 -9.53
BROOKLYN_NAVY_YARD 23515	56.77 3.05 -10.80	53.37 2.92 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.45 2.93 -3.42	55.27 2.93 -11.15	83.20 4.59 -20.45	98.13 4.89 -37.03	96.99 5.08 -35.52	98.30 4.95 -37.15	55.78 4.18 0.00	54.70 3.96 0.00	51.71 3.82 -1.36	52.44 3.79 -0.07	50.53 3.78 -0.07	52.93 4.01 0.00	69.71 5.08 -8.83	75.96 5.88 -10.15	62.61 5.28 -1.10	62.18 4.94 -2.41	51.00 3.78 0.00	48.81 3.90 -0.07	44.32 3.01 0.00	42.23 2.28 0.00
BROOKLYN___ARMY_DRP 323595	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
BROOKVLE_69_KV_TB1 55790	78.33 3.78 -31.63	55.01 3.69 -8.44	50.76 3.60 -4.32	50.49 3.61 -3.91	61.44 3.79 -14.55	69.65 3.67 -24.79	114.05 5.64 -50.26	143.91 5.79 -81.91	136.80 5.98 -74.42	120.71 5.85 -58.65	65.00 4.95 -8.44	62.09 4.67 -6.68	61.86 4.42 -10.91	61.49 4.42 -8.49	60.86 4.34 -9.84	61.83 4.70 -8.22	71.31 5.69 -9.81	91.26 6.65 -24.67	81.97 6.07 -19.67	72.42 5.65 -11.93	63.08 4.39 -11.47	60.15 4.44 -10.88	54.71 3.72 -9.69	52.56 3.08 -9.53
BROOME_2_LFGE 323671	46.24 -0.26 -3.58	45.09 -0.30 -2.51	43.92 -0.34 -1.43	43.91 -0.30 -1.24	44.10 -0.13 -1.13	44.84 -0.04 -3.69	65.27 0.35 -6.77	65.48 0.45 -8.82	61.71 0.51 -4.80	57.04 0.40 -0.43	51.97 0.36 0.00	51.05 0.31 0.00	46.67 0.14 0.00	48.77 0.20 0.00	46.82 0.14 0.00	49.06 0.15 0.00	56.24 0.28 -0.15	61.53 0.66 -0.94	56.90 0.34 -0.34	55.18 0.11 -0.23	47.36 0.14 0.00	44.84 0.00 0.00	41.14 -0.16 0.00	39.84 -0.12 0.00
BROOME___LFGE 323600	46.24 -0.26 -3.58	45.09 -0.30 -2.51	43.92 -0.34 -1.43	43.91 -0.30 -1.24	44.10 -0.13 -1.13	44.84 -0.04 -3.69	65.27 0.35 -6.77	65.48 0.45 -8.82	61.71 0.51 -4.80	57.04 0.40 -0.43	51.97 0.36 0.00	51.05 0.31 0.00	46.67 0.14 0.00	48.77 0.20 0.00	46.82 0.14 0.00	49.06 0.15 0.00	56.24 0.28 -0.15	61.53 0.66 -0.94	56.90 0.34 -0.34	55.18 0.11 -0.23	47.36 0.14 0.00	44.84 0.00 0.00	41.14 -0.16 0.00	39.84 -0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	42.53 -0.69 -0.30	42.53 -0.56 -0.21	42.61 -0.34 -0.12	42.81 -0.26 -0.10	42.89 -0.30 -0.09	41.09 -0.41 -0.31	57.96 -0.76 -0.56	56.38 -0.56 -0.73	56.18 -0.62 -0.40	55.57 -0.67 -0.04	51.24 -0.36 0.00	50.84 0.10 0.00	46.72 0.19 0.00	48.91 0.34 0.00	46.96 0.28 0.00	49.21 0.29 0.00	55.92 0.11 0.00	58.81 -1.20 -0.08	55.80 -0.45 -0.03	54.40 -0.44 0.00	46.84 -0.38 0.00	44.26 -0.58 0.00	41.18 -0.12 0.00	40.04 0.08 0.00
BROWNSV1_27_KV_LOAD 356125	57.16 3.43 -10.80	53.80 3.34 -7.57	50.42 3.26 -4.33	49.90 3.18 -3.76	49.88 3.36 -3.42	55.64 3.30 -11.15	83.78 5.18 -20.45	98.58 5.34 -37.03	97.44 5.53 -35.52	98.75 5.40 -37.15	56.30 4.70 0.00	55.16 4.41 0.00	52.13 4.23 -1.36	52.87 4.23 -0.07	50.90 4.15 -0.07	53.42 4.50 0.00	70.22 5.58 -8.83	76.55 6.47 -10.15	63.23 5.90 -1.10	62.78 5.54 -2.41	51.42 4.20 0.00	49.26 4.35 -0.07	44.74 3.43 0.00	42.63 2.68 0.00
BURROWS___LYONSDAL 23803	43.75 0.43 -0.40	43.71 0.56 -0.28	43.76 0.77 -0.16	43.92 0.82 -0.14	44.17 0.95 -0.13	42.63 1.03 -0.41	60.64 1.74 -0.75	58.98 1.80 -0.97	58.73 1.80 -0.53	57.89 1.63 -0.05	53.05 1.44 0.00	52.21 1.47 0.00	47.83 1.30 0.00	50.03 1.46 0.00	48.03 1.35 0.00	50.34 1.42 0.00	57.54 1.73 0.00	61.83 1.80 -0.10	58.06 1.80 -0.04	56.43 1.59 0.00	48.45 1.23 0.00	45.82 0.99 0.00	42.05 0.74 0.00	40.72 0.76 0.00
CAITHNESS_CC_1 323624	78.84 4.29 -31.63	55.82 4.50 -8.44	51.53 4.37 -4.32	51.34 4.47 -3.91	62.21 4.57 -14.55	70.26 4.28 -24.79	113.88 5.46 -50.26	143.91 5.79 -81.91	136.63 5.81 -74.42	120.65 5.79 -58.65	65.98 5.93 -8.44	63.06 5.63 -6.68	62.65 5.21 -10.91	62.36 5.30 -8.49	61.75 5.23 -9.84	62.66 5.53 -8.22	72.43 6.81 -9.81	91.97 7.37 -24.67	82.47 6.58 -19.67	73.19 6.41 -11.93	63.79 5.10 -11.47	60.96 5.24 -10.88	55.12 4.13 -9.69	52.96 3.47 -9.53
CALPINE BETH_PAGE_GT4 24209	78.24 3.69 -31.63	54.88 3.56 -8.44	50.59 3.43 -4.32	50.36 3.48 -3.91	61.27 3.62 -14.55	69.48 3.50 -24.79	113.76 5.35 -50.26	143.63 5.51 -81.91	136.46 5.64 -74.42	120.26 5.40 -58.65	64.74 4.70 -8.44	61.89 4.47 -6.68	61.67 4.23 -10.91	61.34 4.27 -8.49	60.72 4.20 -9.84	61.69 4.55 -8.22	71.09 5.47 -9.81	91.02 6.41 -24.67	81.75 5.85 -19.67	72.20 5.43 -11.93	62.99 4.30 -11.47	60.06 4.35 -10.88	54.46 3.47 -9.69	52.32 2.84 -9.53
CALPINE_BETH_PAGE_GT_4 323586	78.24 3.69 -31.63	54.84 3.52 -8.44	50.59 3.43 -4.32	50.35 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.76 5.35 -50.26	143.52 5.40 -81.91	136.35 5.53 -74.42	120.26 5.40 -58.65	64.74 4.70 -8.44	61.89 4.47 -6.68	61.67 4.23 -10.91	61.34 4.28 -8.49	60.72 4.20 -9.84	61.63 4.50 -8.22	71.14 5.53 -9.81	91.02 6.42 -24.67	81.69 5.79 -19.67	72.15 5.38 -11.93	62.99 4.30 -11.47	60.02 4.30 -10.88	54.46 3.47 -9.69	52.32 2.84 -9.53
CALPINE_BP_GT1 23823	78.24 3.69 -31.63	54.84 3.52 -8.44	50.59 3.43 -4.32	50.35 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.76 5.35 -50.26	143.52 5.40 -81.91	136.35 5.53 -74.42	120.26 5.40 -58.65	64.74 4.70 -8.44	61.89 4.47 -6.68	61.67 4.23 -10.91	61.34 4.28 -8.49	60.72 4.20 -9.84	61.63 4.50 -8.22	71.14 5.53 -9.81	91.02 6.42 -24.67	81.69 5.79 -19.67	72.15 5.38 -11.93	62.99 4.30 -11.47	60.02 4.30 -10.88	54.46 3.47 -9.69	52.32 2.84 -9.53
CALSPAN___DRP 24200	38.81 -4.72 -0.61	38.47 -4.85 -0.43	38.17 -4.93 -0.26	38.29 -4.90 -0.22	38.99 -4.61 -0.51	38.62 -4.33 -1.75	55.73 -5.64 -3.22	54.56 -5.85 -4.19	51.46 -5.75 -0.81	50.26 -6.13 -0.18	46.60 -5.01 0.00	46.13 -4.62 0.00	41.69 -4.84 0.00	43.81 -4.76 0.00	41.68 -4.99 0.00	43.39 -5.53 0.00	48.71 -6.03 1.07	53.99 -6.11 -0.18	50.33 -5.90 -0.01	47.18 -6.09 1.58	42.06 -5.15 0.01	39.89 -4.93 0.02	36.80 -4.50 0.00	36.32 -3.64 0.00

CALVERTON___SOLAR 323806	79.44 4.89 -31.63	56.59 5.27 -8.44	52.25 5.10 -4.32	52.12 5.24 -3.91	62.95 5.30 -14.55	70.88 4.90 -24.79	114.12 5.70 -50.26	144.14 6.02 -81.91	136.86 6.04 -74.42	120.99 6.13 -58.65	66.80 6.76 -8.44	63.82 6.39 -6.68	63.30 5.86 -10.91	62.99 5.92 -8.49	62.35 5.83 -9.84	63.30 6.16 -8.22	73.27 7.65 -9.81	92.75 8.15 -24.67	83.20 7.31 -19.67	73.85 7.08 -11.93	64.26 5.57 -11.47	61.50 5.79 -10.88	55.62 4.63 -9.69	53.40 3.92 -9.53
CANDIGU_WT_PWR 323617	40.35 -2.83 -0.26	40.20 -2.87 -0.20	40.14 -2.83 -0.13	40.33 -2.75 -0.12	41.37 -2.41 -0.69	41.50 -2.14 -2.45	60.21 -2.44 -4.50	59.66 -2.42 -5.86	54.43 -2.31 -0.34	53.95 -2.53 -0.27	49.65 -1.96 0.00	48.87 -1.88 0.00	44.39 -2.14 0.00	46.54 -2.04 0.00	44.48 -2.19 0.00	46.57 -2.35 0.00	51.99 -2.62 1.20	57.63 -2.40 -0.10	53.25 -2.93 0.05	49.91 -3.18 1.75	44.79 -2.41 0.02	42.15 -2.65 0.04	38.91 -2.40 0.00	38.00 -1.96 0.00
CARR STREET_E_SYR 24060	42.58 -1.33 -0.99	42.20 -1.37 -0.70	41.82 -1.41 -0.40	42.02 -1.29 -0.35	42.25 -1.16 -0.31	41.19 -1.03 -1.02	58.87 -1.16 -1.88	57.65 -1.01 -2.45	56.83 -0.90 -1.33	55.21 -1.12 -0.12	50.47 -1.14 0.00	49.63 -1.12 0.00	45.41 -1.12 0.00	47.41 -1.17 0.00	45.51 -1.17 0.00	47.74 -1.17 0.00	54.42 -1.39 0.00	59.23 -0.96 -0.26	55.20 -1.12 -0.09	53.47 -1.37 0.00	46.04 -1.18 0.00	43.63 -1.21 0.00	40.03 -1.28 0.00	38.76 -1.20 0.00
CARTHAGE___PAPER 23857	43.09 -0.34 -0.51	43.03 -0.21 -0.36	43.00 -0.04 -0.21	43.19 0.04 -0.18	43.43 0.17 -0.16	42.02 0.29 -0.53	59.83 0.70 -0.97	58.32 0.84 -1.27	57.82 0.73 -0.69	56.83 0.56 -0.06	52.12 0.52 0.00	51.45 0.71 0.00	47.09 0.56 0.00	49.30 0.73 0.00	47.33 0.65 0.00	49.65 0.73 0.00	56.76 0.95 0.00	60.84 0.78 -0.14	57.23 0.95 -0.05	55.61 0.77 0.00	47.74 0.52 0.00	45.06 0.23 0.00	41.43 0.12 0.00	40.16 0.20 0.00
CASSADAGA_WT_PWR 323784	38.83 -4.68 -0.59	38.28 -5.02 -0.42	38.24 -4.84 -0.25	38.54 -4.64 -0.22	39.41 -4.22 -0.54	39.39 -3.67 -1.86	57.09 -4.48 -3.41	56.16 -4.50 -4.45	52.72 -4.46 -0.78	52.02 -4.38 -0.19	48.41 -3.20 0.00	47.85 -2.89 0.00	43.27 -3.26 0.00	45.46 -3.11 0.00	43.22 -3.45 0.00	45.10 -3.82 0.00	50.49 -4.24 1.08	55.49 -4.61 -0.17	50.83 -5.40 0.00	47.55 -5.70 1.58	42.72 -4.49 0.01	40.06 -4.75 0.02	37.14 -4.17 0.00	36.64 -3.32 0.00
CE_DUNWOOD___DRP 24194	56.44 2.75 -10.77	53.13 2.70 -7.55	49.80 2.66 -4.31	49.37 2.66 -3.75	49.27 2.76 -3.41	54.99 2.68 -11.11	82.67 4.13 -20.39	87.50 4.27 -27.02	76.25 4.46 -15.40	63.43 4.33 -2.89	55.32 3.72 0.00	54.24 3.50 0.00	49.93 3.30 -0.09	51.88 3.30 0.00	49.95 3.27 0.00	52.54 3.62 0.00	60.84 4.46 -0.57	68.51 5.27 -3.31	62.00 4.78 -0.99	59.44 4.44 -0.16	50.62 3.40 0.00	48.34 3.50 0.00	43.99 2.68 0.00	42.03 2.08 0.00
CE_MILLWOOD___DRP 24193	56.30 2.66 -10.72	53.01 2.62 -7.51	49.70 2.57 -4.29	49.27 2.58 -3.73	49.16 2.67 -3.40	54.85 2.60 -11.06	82.46 4.01 -20.29	87.20 4.16 -26.83	75.88 4.29 -15.20	63.03 4.16 -2.66	55.22 3.61 0.00	54.09 3.35 0.00	49.82 3.21 -0.08	51.78 3.21 0.00	49.81 3.13 0.00	52.39 3.47 0.00	60.59 4.30 -0.49	68.25 5.09 -3.23	61.83 4.61 -0.99	59.25 4.28 -0.14	50.48 3.26 0.00	48.20 3.36 0.00	43.91 2.60 0.00	41.95 2.00 0.00
CE_NYC2_DRP 24202	57.04 3.30 -10.81	53.68 3.22 -7.58	50.30 3.13 -4.33	49.82 3.09 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.25 5.25 -45.60	106.21 5.06 -44.94	55.89 4.28 0.00	54.80 4.06 0.00	52.00 3.82 -1.65	52.50 3.84 -0.09	50.55 3.78 -0.09	53.07 4.16 0.00	71.59 5.08 -10.70	77.68 6.05 -11.70	62.86 5.51 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
CE_NYC_DRP 24195	56.77 3.05 -10.80	53.41 2.96 -7.57	50.03 2.87 -4.33	49.56 2.84 -3.76	49.54 3.02 -3.42	55.27 2.92 -11.15	83.20 4.59 -20.45	97.55 4.78 -36.56	95.93 4.96 -34.57	96.58 4.83 -35.53	55.79 4.18 0.00	54.65 3.91 0.00	51.65 3.82 -1.30	52.43 3.79 -0.07	50.48 3.73 -0.07	52.98 4.06 0.00	69.27 5.02 -8.44	75.57 5.81 -9.83	62.60 5.29 -1.09	62.08 4.94 -2.30	50.95 3.73 0.00	48.81 3.90 -0.07	44.36 3.06 0.00	42.27 2.32 0.00
CHAFFEE___LFGE 323603	38.80 -4.72 -0.60	38.38 -4.93 -0.43	38.17 -4.92 -0.25	38.25 -4.94 -0.22	39.01 -4.61 -0.52	38.68 -4.32 -1.81	55.77 -5.70 -3.32	54.63 -5.90 -4.32	51.40 -5.81 -0.81	50.43 -5.96 -0.18	46.75 -4.85 0.00	46.23 -4.52 0.00	41.78 -4.75 0.00	43.91 -4.66 0.00	41.82 -4.86 0.00	43.73 -5.19 0.00	48.93 -5.81 1.07	53.93 -6.17 -0.18	49.60 -6.64 -0.01	46.57 -6.69 1.58	42.11 -5.10 0.01	39.62 -5.20 0.02	36.84 -4.46 0.00	36.28 -3.68 0.00
CHATEAUG_35_KV_LOAD 355732	41.68 -1.24 0.00	41.76 -1.11 0.00	42.02 -0.81 0.00	42.41 -0.56 0.00	42.54 -0.56 0.00	40.66 -0.54 0.00	57.40 -0.76 0.00	55.99 -0.22 0.00	56.29 -0.11 0.00	56.49 0.28 0.00	52.59 0.98 0.00	52.01 1.27 0.00	47.74 1.21 0.00	49.98 1.41 0.00	48.03 1.35 0.00	50.29 1.37 0.00	57.20 1.40 0.00	60.29 0.36 0.00	56.85 0.62 0.00	55.50 0.66 0.00	47.97 0.76 0.00	45.33 0.49 0.00	42.22 0.91 0.00	40.95 1.00 0.00
CHATEAUG_WT_PWR 323614	41.42 -1.50 0.00	41.55 -1.33 0.00	41.85 -0.98 0.00	42.15 -0.82 0.00	42.36 -0.73 0.00	40.45 -0.74 0.00	57.22 -0.93 0.00	55.82 -0.39 0.00	56.17 -0.22 0.00	56.49 0.28 0.00	52.48 0.88 0.00	51.86 1.11 0.00	47.60 1.07 0.00	49.83 1.26 0.00	47.89 1.21 0.00	50.14 1.22 0.00	56.98 1.17 0.00	60.11 0.18 0.00	56.67 0.45 0.00	55.39 0.55 0.00	47.79 0.57 0.00	45.24 0.40 0.00	42.05 0.74 0.00	40.75 0.80 0.00
CHAT_HIGH_FALL_HYD 323578	41.68 -1.24 0.00	41.76 -1.11 0.00	42.02 -0.81 0.00	42.41 -0.56 0.00	42.54 -0.56 0.00	40.66 -0.54 0.00	57.40 -0.76 0.00	55.99 -0.22 0.00	56.29 -0.11 0.00	56.49 0.28 0.00	52.59 0.98 0.00	52.01 1.27 0.00	47.74 1.21 0.00	49.98 1.41 0.00	48.03 1.35 0.00	50.29 1.37 0.00	57.20 1.40 0.00	60.29 0.36 0.00	56.85 0.62 0.00	55.50 0.66 0.00	47.97 0.76 0.00	45.33 0.49 0.00	42.22 0.91 0.00	40.95 1.00 0.00
CHAUTAUQUA___LFGE 323629	38.97 -4.55 -0.60	38.50 -4.80 -0.43	38.33 -4.76 -0.25	38.55 -4.64 -0.22	39.40 -4.22 -0.53	39.15 -3.87 -1.83	56.56 -4.94 -3.35	55.52 -5.06 -4.37	52.18 -5.02 -0.80	51.17 -5.23 -0.19	47.48 -4.13 0.00	46.94 -3.81 0.00	42.44 -4.10 0.00	44.59 -3.98 0.00	42.38 -4.29 0.00	44.32 -4.60 0.00	49.49 -5.25 1.07	54.83 -5.27 -0.18	50.27 -5.96 -0.01	47.01 -6.25 1.58	42.39 -4.82 0.01	39.84 -4.98 0.02	37.05 -4.25 0.00	36.52 -3.44 0.00
CHERRYST_13_KV_LD 356241	56.86 3.13 -10.80	53.50 3.04 -7.57	50.12 2.96 -4.33	49.64 2.92 -3.76	49.62 3.10 -3.42	55.39 3.05 -11.15	83.37 4.77 -20.45	97.77 5.00 -36.56	96.10 5.13 -34.57	96.80 5.06 -35.53	55.94 4.33 0.00	54.80 4.06 0.00	51.84 4.00 -1.30	52.63 3.98 -0.07	50.67 3.92 -0.07	53.17 4.26 0.00	69.49 5.25 -8.44	75.81 6.05 -9.83	62.83 5.51 -1.09	62.30 5.16 -2.30	51.09 3.87 0.00	48.94 4.04 -0.07	44.49 3.18 0.00	42.39 2.44 0.00

CHESTROR_138KV_BK263 355645	55.15 2.15 -10.08	52.05 2.10 -7.07	48.93 2.06 -4.04	48.53 2.06 -3.51	48.49 2.20 -3.20	53.70 2.10 -10.40	80.44 3.20 -19.09	84.34 3.26 -24.87	73.31 3.38 -13.53	60.69 3.26 -1.22	54.39 2.79 0.00	53.33 2.59 0.00	48.96 2.42 -0.01	50.95 2.38 0.00	49.06 2.38 0.00	51.61 2.69 0.00	59.23 3.35 -0.07	66.72 4.08 -2.72	60.80 3.65 -0.92	58.21 3.35 -0.02	49.77 2.55 0.00	47.53 2.69 0.00	43.33 2.02 0.00	41.51 1.56 0.00
CH_MIDHUDSON___DRP 24192	56.65 2.62 -11.11	53.24 2.57 -7.79	49.81 2.53 -4.45	49.36 2.53 -3.86	49.25 2.63 -3.52	55.22 2.55 -11.47	83.03 3.84 -21.04	87.44 3.82 -27.41	75.43 4.06 -14.97	61.50 3.93 -1.35	54.91 3.30 0.00	53.84 3.10 0.00	49.42 2.88 0.00	51.44 2.87 0.00	49.52 2.85 0.00	52.10 3.18 0.00	59.77 3.96 0.00	67.60 4.73 -2.94	61.52 4.27 -1.02	58.79 3.95 0.00	50.29 3.07 0.00	47.98 3.14 0.00	43.66 2.35 0.00	41.83 1.88 0.00
CH_MISC_IPPS 23765	56.57 2.75 -10.90	53.18 2.66 -7.65	49.86 2.66 -4.37	49.42 2.66 -3.79	49.31 2.76 -3.46	55.13 2.68 -11.26	82.82 4.01 -20.66	87.17 4.05 -26.91	75.47 4.34 -14.73	61.70 4.16 -1.33	55.12 3.51 0.00	54.04 3.30 0.00	49.55 3.02 0.00	51.59 3.01 0.00	49.67 2.99 0.00	52.24 3.33 0.00	60.05 4.24 0.00	67.86 5.03 -2.89	61.67 4.44 -1.00	58.90 4.06 0.00	50.43 3.21 0.00	48.07 3.23 0.00	43.79 2.48 0.00	41.95 2.00 0.00
CH_RES_BVR_FALLS 23983	42.32 -0.60 0.00	42.37 -0.51 0.00	42.45 -0.39 0.00	42.58 -0.39 0.00	42.67 -0.43 0.00	40.82 -0.37 0.00	57.46 -0.70 0.00	55.59 -0.62 0.00	55.72 -0.67 0.00	55.70 -0.51 0.00	51.40 -0.21 0.00	50.64 -0.10 0.00	46.44 -0.09 0.00	48.53 -0.05 0.00	46.63 -0.05 0.00	48.82 -0.10 0.00	55.59 -0.22 0.00	59.15 -0.78 0.00	55.72 -0.51 0.00	54.51 -0.33 0.00	46.98 -0.23 0.00	44.57 -0.27 0.00	41.31 0.00 0.00	40.00 0.04 0.00
CH_RES_NIAGARA 23895	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	37.27 -5.93 -0.23	38.26 -5.30 -0.47	37.67 -5.15 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	47.99 -8.38 -0.16	44.12 -7.48 0.00	43.69 -7.05 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.34 -7.58 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.36 -8.88 -0.01	43.95 -9.32 1.57	39.94 -7.27 0.01	37.69 -7.13 0.02	35.11 -6.20 0.00	34.80 -5.15 0.00
CH_RES_SYRACUSE 23985	43.17 -0.86 -1.10	42.79 -0.86 -0.77	42.33 -0.94 -0.44	42.53 -0.82 -0.38	42.80 -0.65 -0.35	41.80 -0.54 -1.14	59.77 -0.47 -2.09	58.60 -0.34 -2.72	57.65 -0.22 -1.48	55.89 -0.45 -0.13	51.14 -0.47 0.00	50.24 -0.51 0.00	45.98 -0.56 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.33 -0.58 0.00	55.29 -0.73 -0.21	59.98 -0.24 -0.29	55.89 -0.45 -0.11	54.43 -0.71 -0.30	46.65 -0.56 0.00	44.17 -0.67 0.00	40.52 -0.79 0.00	39.24 -0.72 0.00
CLINTON_WT_PWR 323605	41.42 -1.50 0.00	41.55 -1.33 0.00	41.85 -0.98 0.00	42.15 -0.82 0.00	42.36 -0.73 0.00	40.45 -0.74 0.00	57.22 -0.93 0.00	55.82 -0.39 0.00	56.17 -0.22 0.00	56.49 0.28 0.00	52.48 0.88 0.00	51.86 1.11 0.00	47.60 1.07 0.00	49.83 1.26 0.00	47.89 1.21 0.00	50.14 1.22 0.00	56.98 1.17 0.00	60.11 0.18 0.00	56.67 0.45 0.00	55.39 0.55 0.00	47.79 0.57 0.00	45.24 0.40 0.00	42.05 0.74 0.00	40.75 0.80 0.00
CLINTON___LFGE 323618	41.98 -0.94 0.00	42.11 -0.77 0.00	42.41 -0.43 0.00	42.75 -0.21 0.00	42.97 -0.13 0.00	41.03 -0.16 0.00	58.04 -0.12 0.00	56.89 0.68 0.00	57.25 0.85 0.00	57.50 1.29 0.00	53.41 1.81 0.00	52.78 2.03 0.00	48.44 1.91 0.00	50.71 2.13 0.00	48.78 2.10 0.00	51.02 2.10 0.00	58.10 2.29 0.00	61.37 1.44 0.00	57.80 1.57 0.00	56.37 1.53 0.00	48.68 1.47 0.00	46.00 1.16 0.00	42.67 1.36 0.00	41.39 1.44 0.00
COBBLENY_34_KV_TB1 80064	38.85 -4.68 -0.60	38.51 -4.80 -0.43	38.21 -4.88 -0.25	38.29 -4.90 -0.22	38.92 -4.70 -0.52	38.60 -4.41 -1.81	55.77 -5.70 -3.32	54.63 -5.90 -4.32	51.40 -5.81 -0.81	50.21 -6.18 -0.18	46.70 -4.90 0.00	46.23 -4.52 0.00	41.79 -4.75 0.00	43.91 -4.66 0.00	41.78 -4.90 0.00	43.49 -5.43 0.00	48.93 -5.80 1.07	53.99 -6.11 -0.18	50.50 -5.74 -0.01	47.34 -5.92 1.58	42.16 -5.05 0.01	39.97 -4.84 0.02	36.85 -4.46 0.00	36.32 -3.64 0.00
COFFEEN___115KV_TB3 355620	43.72 0.21 -0.58	43.59 0.30 -0.41	43.45 0.39 -0.23	43.64 0.47 -0.20	43.97 0.69 -0.18	42.62 0.82 -0.60	60.88 1.63 -1.10	59.45 1.80 -1.43	58.82 1.64 -0.78	57.69 1.41 -0.07	52.84 1.24 0.00	52.06 1.32 0.00	47.56 1.02 0.00	49.84 1.26 0.00	47.84 1.17 0.00	50.19 1.27 0.00	57.48 1.67 0.00	61.94 1.86 -0.15	58.19 1.91 -0.05	56.43 1.59 0.00	48.35 1.13 0.00	45.60 0.76 0.00	41.76 0.45 0.00	40.44 0.48 0.00
COLDSPRG_115KV_BK1 355956	39.49 -3.99 -0.56	39.21 -4.07 -0.40	38.88 -4.20 -0.24	39.14 -4.04 -0.21	39.38 -4.27 -0.55	39.40 -3.71 -1.91	57.24 -4.42 -3.51	56.34 -4.44 -4.57	52.75 -4.40 -0.75	51.63 -4.78 -0.20	48.97 -2.63 0.00	48.36 -2.38 0.00	43.79 -2.75 0.00	45.95 -2.62 0.00	43.69 -2.99 0.00	45.39 -3.52 0.00	51.49 -3.24 1.08	55.72 -4.37 -0.17	52.80 -3.43 0.00	49.41 -3.84 1.59	43.52 -3.68 0.01	41.32 -3.50 0.02	37.88 -3.43 0.00	37.20 -2.76 0.00
COLONIE_LFGE___ 323577	58.58 2.15 -13.51	54.50 2.14 -9.47	50.39 2.14 -5.41	49.85 2.19 -4.70	49.62 2.24 -4.28	57.28 2.14 -13.94	86.75 3.02 -25.58	92.39 2.87 -33.32	77.60 3.04 -18.16	60.89 3.03 -1.64	53.72 2.12 0.00	52.72 1.98 0.00	48.44 1.91 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.43 2.62 0.00	66.61 3.11 -3.56	60.38 2.92 -1.23	57.53 2.69 0.00	49.44 2.22 0.00	46.95 2.11 0.00	42.84 1.53 0.00	41.39 1.44 0.00
COOPERNY_115KV_TB1 80082	52.77 1.63 -8.22	50.23 1.59 -5.76	47.67 1.54 -3.29	47.37 1.55 -2.86	47.38 1.68 -2.60	51.28 1.61 -8.48	76.15 2.44 -15.56	79.01 2.53 -20.27	70.09 2.65 -11.04	59.74 2.53 -1.00	53.72 2.12 0.00	52.72 1.98 0.00	48.35 1.81 -0.01	50.42 1.85 0.00	48.50 1.82 0.00	50.97 2.05 0.00	58.41 2.57 -0.03	65.30 3.18 -2.19	59.79 2.81 -0.75	57.37 2.52 -0.01	49.15 1.94 0.00	46.90 2.06 0.00	42.84 1.53 0.00	41.11 1.16 0.00
COPENHAGEN_WT_PWR 323753	43.31 -0.21 -0.60	43.17 -0.13 -0.42	43.03 -0.04 -0.24	43.22 0.04 -0.21	43.50 0.22 -0.19	42.18 0.37 -0.62	60.16 0.87 -1.14	58.70 1.01 -1.48	58.16 0.96 -0.81	57.01 0.73 -0.07	52.23 0.62 0.00	51.45 0.71 0.00	47.04 0.51 0.00	49.30 0.73 0.00	47.28 0.61 0.00	49.60 0.68 0.00	56.76 0.95 0.00	61.17 1.08 -0.16	57.41 1.12 -0.06	55.66 0.82 0.00	47.79 0.57 0.00	45.11 0.27 0.00	41.35 0.04 0.00	40.08 0.12 0.00
CORNELL_____ 23752	50.12 0.17 -7.03	47.95 0.17 -4.90	45.68 0.09 -2.76	45.52 0.17 -2.39	44.39 0.39 -0.91	44.26 0.54 -2.53	64.12 1.34 -4.63	63.77 1.52 -6.04	67.45 1.58 -9.47	57.85 1.35 -0.29	52.79 1.19 0.00	51.81 1.07 0.00	47.42 0.88 0.00	49.55 0.97 0.00	47.56 0.89 0.00	49.85 0.93 0.00	60.28 1.12 -3.35	63.52 1.80 -1.79	58.65 1.57 -0.85	60.96 1.21 -4.91	48.20 0.94 -0.04	45.60 0.67 -0.09	41.60 0.29 0.00	40.32 0.36 0.00

CORONA__69_KV_TB1 355595	78.20 3.65 -31.63	54.88 3.56 -8.44	50.63 3.47 -4.32	50.36 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.88 5.47 -50.26	143.68 5.56 -81.91	136.52 5.70 -74.42	120.42 5.56 -58.65	64.90 4.85 -8.44	62.04 4.62 -6.68	61.76 4.33 -10.91	61.44 4.37 -8.49	60.77 4.25 -9.84	61.78 4.65 -8.22	71.25 5.64 -9.81	91.20 6.59 -24.67	81.97 6.07 -19.67	72.42 5.65 -11.93	63.08 4.39 -11.47	60.15 4.44 -10.88	54.55 3.55 -9.69	52.40 2.92 -9.53
CORTLAND__115KV_TB3 80093	46.10 -0.04 -3.22	45.09 -0.04 -2.25	43.98 -0.13 -1.28	44.03 -0.04 -1.11	43.89 0.13 -0.67	43.49 0.25 -2.05	62.72 0.81 -3.76	62.06 0.96 -4.89	61.75 1.02 -4.34	57.29 0.84 -0.24	52.28 0.67 0.00	51.35 0.61 0.00	47.00 0.47 0.00	49.11 0.53 0.00	47.14 0.47 0.00	49.41 0.49 0.00	57.39 0.61 -0.97	61.90 1.14 -0.83	57.54 0.96 -0.36	56.92 0.66 -1.42	47.70 0.47 -0.01	45.18 0.31 -0.02	41.35 0.04 0.00	40.04 0.08 0.00
COXSACKIE__GT 23611	58.86 3.31 -12.64	54.95 3.22 -8.86	50.98 3.09 -5.06	50.54 3.18 -4.40	50.25 3.14 -4.00	57.40 3.17 -13.04	86.55 4.48 -23.92	90.85 3.49 -31.16	77.40 4.00 -16.99	61.51 3.77 -1.54	54.39 2.78 0.00	53.38 2.64 0.00	48.95 2.42 0.00	50.95 2.38 0.00	49.10 2.43 0.00	51.56 2.64 0.00	59.04 3.24 0.00	66.92 3.66 -3.34	60.81 3.43 -1.15	58.08 3.23 0.00	50.05 2.83 0.00	47.44 2.60 0.00	43.37 2.06 0.00	42.27 2.32 0.00
CPV__VALLEY__CC1 323721	54.19 1.84 -9.43	51.29 1.80 -6.61	48.41 1.80 -3.77	48.05 1.80 -3.28	48.02 1.94 -2.99	52.78 1.86 -9.73	78.73 2.73 -17.85	82.27 2.81 -23.25	71.99 2.93 -12.66	60.22 2.87 -1.14	53.98 2.38 0.00	52.92 2.18 0.00	48.64 2.10 -0.01	50.61 2.04 0.00	48.73 2.05 0.00	51.17 2.25 0.00	58.75 2.90 -0.04	65.99 3.54 -2.52	60.18 3.09 -0.86	57.70 2.85 -0.01	49.39 2.17 0.00	47.21 2.37 0.00	43.08 1.77 0.00	41.27 1.32 0.00
CPV__VALLEY__CC2 323722	54.19 1.84 -9.43	51.29 1.80 -6.61	48.41 1.80 -3.77	48.05 1.80 -3.28	48.02 1.94 -2.99	52.78 1.86 -9.73	78.73 2.73 -17.85	82.27 2.81 -23.25	71.99 2.93 -12.66	60.22 2.87 -1.14	53.98 2.38 0.00	52.92 2.18 0.00	48.64 2.10 -0.01	50.61 2.04 0.00	48.73 2.05 0.00	51.17 2.25 0.00	58.75 2.90 -0.04	65.99 3.54 -2.52	60.18 3.09 -0.86	57.70 2.85 -0.01	49.39 2.17 0.00	47.21 2.37 0.00	43.08 1.77 0.00	41.27 1.32 0.00
CRESCENT__HYD 24018	58.58 2.15 -13.51	54.50 2.14 -9.47	50.39 2.14 -5.41	49.85 2.19 -4.70	49.62 2.24 -4.28	57.28 2.14 -13.94	86.75 3.02 -25.58	92.39 2.87 -33.32	77.60 3.04 -18.16	60.89 3.03 -1.64	53.72 2.12 0.00	52.72 1.98 0.00	48.44 1.91 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.43 2.62 0.00	66.61 3.11 -3.56	60.38 2.92 -1.23	57.53 2.69 0.00	49.44 2.22 0.00	46.95 2.11 0.00	42.84 1.53 0.00	41.39 1.44 0.00
CRICKET__VALLEY_CC1 323756	56.90 2.49 -11.49	53.42 2.49 -8.06	49.92 2.48 -4.60	49.45 2.49 -4.00	49.37 2.63 -3.64	55.52 2.47 -11.85	83.50 3.61 -21.74	88.08 3.54 -28.32	75.56 3.72 -15.44	61.26 3.65 -1.40	54.44 2.84 0.00	53.43 2.69 0.00	49.09 2.56 0.00	51.15 2.57 0.00	49.24 2.57 0.00	51.80 2.89 0.00	59.49 3.68 0.00	67.28 4.32 -3.03	61.21 3.93 -1.05	58.46 3.62 0.00	50.10 2.88 0.00	47.75 2.91 0.00	43.45 2.15 0.00	41.76 1.80 0.00
CRICKET__VALLEY_CC2 323757	56.90 2.49 -11.49	53.42 2.49 -8.06	49.92 2.48 -4.60	49.45 2.49 -4.00	49.37 2.63 -3.64	55.52 2.47 -11.85	83.50 3.61 -21.74	88.08 3.54 -28.32	75.56 3.72 -15.44	61.26 3.65 -1.40	54.44 2.84 0.00	53.43 2.69 0.00	49.09 2.56 0.00	51.15 2.57 0.00	49.24 2.57 0.00	51.80 2.89 0.00	59.49 3.68 0.00	67.28 4.32 -3.03	61.21 3.93 -1.05	58.46 3.62 0.00	50.10 2.88 0.00	47.75 2.91 0.00	43.45 2.15 0.00	41.76 1.80 0.00
CRICKET__VALLEY_CC3 323758	56.90 2.49 -11.49	53.42 2.49 -8.06	49.92 2.48 -4.60	49.45 2.49 -4.00	49.37 2.63 -3.64	55.52 2.47 -11.85	83.50 3.61 -21.74	88.08 3.54 -28.32	75.56 3.72 -15.44	61.26 3.65 -1.40	54.44 2.84 0.00	53.43 2.69 0.00	49.09 2.56 0.00	51.15 2.57 0.00	49.24 2.57 0.00	51.80 2.89 0.00	59.49 3.68 0.00	67.28 4.32 -3.03	61.21 3.93 -1.05	58.46 3.62 0.00	50.10 2.88 0.00	47.75 2.91 0.00	43.45 2.15 0.00	41.76 1.80 0.00
CRUCIBLE__METL_DRP 24180	43.17 -0.86 -1.10	42.79 -0.86 -0.77	42.33 -0.94 -0.44	42.49 -0.86 -0.38	42.80 -0.65 -0.35	41.80 -0.54 -1.14	59.77 -0.47 -2.09	58.59 -0.34 -2.72	57.65 -0.23 -1.48	56.01 -0.34 -0.13	51.09 -0.52 0.00	50.19 -0.56 0.00	45.97 -0.56 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.29 -0.73 -0.21	59.98 -0.24 -0.29	55.95 -0.39 -0.11	54.49 -0.66 -0.30	46.65 -0.57 0.00	44.17 -0.67 0.00	40.48 -0.83 0.00	39.24 -0.72 0.00
DAHOWA__HYDRO 323763	59.33 2.71 -13.70	55.19 2.70 -9.61	50.94 2.61 -5.49	50.44 2.71 -4.77	50.07 2.63 -4.34	58.01 2.68 -14.14	88.04 3.96 -25.94	93.93 3.93 -33.78	78.93 4.11 -18.41	61.81 3.93 -1.67	54.70 3.10 0.00	53.69 2.94 0.00	49.28 2.74 0.00	51.49 2.91 0.00	49.38 2.71 0.00	51.85 2.93 0.00	59.43 3.63 0.00	67.80 4.26 -3.61	61.47 3.99 -1.25	58.46 3.62 0.00	50.28 3.07 0.00	47.57 2.74 0.00	43.41 2.11 0.00	41.87 1.92 0.00
DANC__LFGE 323619	42.93 -0.69 -0.70	42.73 -0.64 -0.49	42.52 -0.60 -0.28	42.74 -0.47 -0.24	42.97 -0.35 -0.22	41.75 -0.16 -0.72	59.53 0.06 -1.32	58.10 0.17 -1.72	57.51 0.17 -0.94	56.24 -0.06 -0.08	51.50 -0.10 0.00	50.69 -0.05 0.00	46.39 -0.14 0.00	48.53 -0.05 0.00	46.58 -0.09 0.00	48.87 -0.05 0.00	55.75 -0.06 0.00	60.36 0.24 -0.18	56.52 0.23 -0.07	54.79 -0.05 0.00	47.08 -0.14 0.00	44.53 -0.31 0.00	40.81 -0.49 0.00	39.52 -0.44 0.00
DANSKAMMER__1 23586	56.57 2.75 -10.90	53.18 2.66 -7.65	49.86 2.66 -4.37	49.42 2.66 -3.79	49.31 2.76 -3.46	55.13 2.68 -11.26	82.82 4.01 -20.66	87.17 4.05 -26.91	75.47 4.34 -14.73	61.70 4.16 -1.33	55.12 3.51 0.00	54.04 3.30 0.00	49.55 3.02 0.00	51.59 3.01 0.00	49.67 2.99 0.00	52.24 3.33 0.00	60.05 4.24 0.00	67.86 5.03 -2.89	61.67 4.44 -1.00	58.90 4.06 0.00	50.43 3.21 0.00	48.07 3.23 0.00	43.79 2.48 0.00	41.95 2.00 0.00
DANSKAMMER__2 23589	56.57 2.75 -10.90	53.18 2.66 -7.65	49.86 2.66 -4.37	49.42 2.66 -3.79	49.31 2.76 -3.46	55.13 2.68 -11.26	82.82 4.01 -20.66	87.17 4.05 -26.91	75.47 4.34 -14.73	61.70 4.16 -1.33	55.12 3.51 0.00	54.04 3.30 0.00	49.55 3.02 0.00	51.59 3.01 0.00	49.67 2.99 0.00	52.24 3.33 0.00	60.05 4.24 0.00	67.86 5.03 -2.89	61.67 4.44 -1.00	58.90 4.06 0.00	50.43 3.21 0.00	48.07 3.23 0.00	43.79 2.48 0.00	41.95 2.00 0.00
DANSKAMMER__3 23590	56.57 2.75 -10.90	53.18 2.66 -7.65	49.86 2.66 -4.37	49.42 2.66 -3.79	49.31 2.76 -3.46	55.13 2.68 -11.26	82.82 4.01 -20.66	87.17 4.05 -26.91	75.47 4.34 -14.73	61.70 4.16 -1.33	55.12 3.51 0.00	54.04 3.30 0.00	49.55 3.02 0.00	51.59 3.01 0.00	49.67 2.99 0.00	52.24 3.33 0.00	60.05 4.24 0.00	67.86 5.03 -2.89	61.67 4.44 -1.00	58.90 4.06 0.00	50.43 3.21 0.00	48.07 3.23 0.00	43.79 2.48 0.00	41.95 2.00 0.00

DANSKAMMER___4 23591	56.57 2.75 -10.90	53.18 2.66 -7.65	49.86 2.66 -4.37	49.42 2.66 -3.79	49.31 2.76 -3.46	55.13 2.68 -11.26	82.82 4.01 -20.66	87.17 4.05 -26.91	75.47 4.34 -14.73	61.70 4.16 -1.33	55.12 3.51 0.00	54.04 3.30 0.00	49.55 3.02 0.00	51.59 3.01 0.00	49.67 2.99 0.00	52.24 3.33 0.00	60.05 4.24 0.00	67.86 5.03 -2.89	61.67 4.44 -1.00	58.90 4.06 0.00	50.43 3.21 0.00	48.07 3.23 0.00	43.79 2.48 0.00	41.95 2.00 0.00
DANSKAMMER___DIESEL 23592	56.61 2.79 -10.90	53.22 2.70 -7.65	49.86 2.66 -4.37	49.42 2.66 -3.79	49.31 2.76 -3.46	55.09 2.64 -11.26	82.82 4.01 -20.66	87.17 4.05 -26.91	75.47 4.34 -14.73	61.70 4.16 -1.33	55.17 3.56 0.00	54.04 3.30 0.00	49.56 3.02 0.00	51.59 3.01 0.00	49.66 2.99 0.00	52.29 3.38 0.00	59.99 4.19 0.00	67.86 5.03 -2.89	61.73 4.50 -1.00	59.01 4.17 0.00	50.43 3.21 0.00	48.11 3.27 0.00	43.83 2.52 0.00	41.95 2.00 0.00
DARBY___SOLAR 323810	59.17 2.58 -13.68	55.04 2.57 -9.59	50.80 2.48 -5.48	50.30 2.58 -4.76	49.97 2.54 -4.33	57.86 2.55 -14.11	87.81 3.78 -25.89	93.64 3.71 -33.72	78.66 3.89 -18.38	61.64 3.77 -1.66	54.55 2.94 0.00	53.53 2.79 0.00	49.14 2.60 0.00	51.34 2.77 0.00	49.24 2.57 0.00	51.70 2.79 0.00	59.21 3.40 0.00	67.55 4.02 -3.61	61.24 3.77 -1.25	58.24 3.40 0.00	50.10 2.88 0.00	47.44 2.60 0.00	43.29 1.98 0.00	41.79 1.84 0.00
DASHVILLE___HYD 23610	55.85 1.72 -11.21	52.37 1.63 -7.86	48.91 1.58 -4.49	48.45 1.59 -3.90	48.37 1.72 -3.55	54.41 1.65 -11.57	82.05 2.67 -21.23	86.67 2.81 -27.65	74.55 3.05 -15.11	60.44 2.87 -1.37	54.39 2.79 0.00	53.33 2.59 0.00	48.90 2.37 0.00	50.86 2.28 0.00	49.01 2.33 0.00	51.66 2.74 0.00	59.32 3.52 0.00	66.73 3.84 -2.97	60.63 3.37 -1.03	58.30 3.45 0.00	49.77 2.55 0.00	47.57 2.74 0.00	43.37 2.07 0.00	41.47 1.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	80.00 5.45 -31.63	57.11 5.79 -8.44	52.77 5.61 -4.32	52.63 5.76 -3.91	63.51 5.86 -14.55	71.38 5.40 -24.79	114.98 6.57 -50.26	144.98 6.86 -81.91	137.70 6.88 -74.42	121.77 6.91 -58.65	67.89 7.84 -8.44	64.58 7.15 -6.68	64.00 6.56 -10.91	63.72 6.65 -8.49	63.01 6.49 -9.84	64.08 6.95 -8.22	74.05 8.43 -9.81	93.71 9.11 -24.67	84.16 8.27 -19.67	74.78 8.01 -11.93	64.92 6.23 -11.47	62.17 6.46 -10.88	56.16 5.16 -9.69	53.92 4.44 -9.53
DELAWARE___LFGE 323621	49.34 1.46 -4.96	47.77 1.41 -3.48	46.19 1.37 -1.98	46.06 1.37 -1.72	46.12 1.51 -1.51	47.63 1.52 -4.91	69.66 2.50 -9.01	70.48 2.53 -11.74	65.72 2.65 -6.67	59.26 2.47 -0.58	53.72 2.12 0.00	52.77 2.03 0.00	48.30 1.77 0.00	50.42 1.85 0.00	48.40 1.73 0.00	50.82 1.91 0.00	58.34 2.40 -0.13	64.17 2.94 -1.31	59.39 2.70 -0.47	57.45 2.41 -0.19	49.06 1.84 0.00	46.64 1.79 0.00	42.59 1.28 0.00	41.03 1.08 0.00
DERFIELD_115KV_TB7 355931	43.44 0.52 0.00	43.35 0.47 0.00	43.31 0.47 0.00	43.48 0.52 0.00	43.66 0.56 0.00	41.77 0.58 0.00	59.02 0.87 0.00	57.00 0.79 0.00	57.25 0.85 0.00	57.00 0.79 0.00	52.23 0.62 0.00	51.30 0.56 0.00	47.04 0.51 0.00	49.11 0.53 0.00	47.19 0.51 0.00	49.45 0.54 0.00	56.53 0.73 0.00	60.89 0.96 0.00	57.07 0.84 0.00	55.55 0.71 0.00	47.78 0.57 0.00	45.38 0.54 0.00	41.64 0.33 0.00	40.28 0.32 0.00
DOGLEVILLE___HYD 23807	44.68 1.76 0.00	44.64 1.76 0.00	44.55 1.72 0.00	44.73 1.76 0.00	44.91 1.81 0.00	43.05 1.86 0.00	61.06 2.91 0.00	59.08 2.87 0.00	59.39 2.99 0.00	59.19 2.98 0.00	54.29 2.68 0.00	53.38 2.64 0.00	48.95 2.42 0.00	51.15 2.57 0.00	49.10 2.43 0.00	51.36 2.44 0.00	58.76 2.96 0.00	63.28 3.35 0.00	59.26 3.03 0.00	57.75 2.90 0.00	49.62 2.41 0.00	46.99 2.15 0.00	43.08 1.77 0.00	41.59 1.64 0.00
DUNKIRK___115KV_TB_200 55889	39.01 -4.51 -0.60	38.59 -4.72 -0.43	38.33 -4.75 -0.25	38.55 -4.64 -0.22	39.27 -4.35 -0.53	39.02 -4.00 -1.82	56.50 -5.00 -3.35	55.40 -5.17 -4.36	52.07 -5.13 -0.80	50.89 -5.51 -0.19	47.27 -4.33 0.00	46.73 -4.01 0.00	42.30 -4.23 0.00	44.44 -4.13 0.00	42.24 -4.43 0.00	43.98 -4.94 0.00	49.32 -5.41 1.07	54.71 -5.39 -0.18	50.89 -5.34 -0.01	47.61 -5.65 1.58	42.39 -4.82 0.01	40.11 -4.71 0.02	37.01 -4.30 0.00	36.52 -3.44 0.00
DUNKIRK___1 23563	39.01 -4.51 -0.60	38.59 -4.72 -0.43	38.33 -4.75 -0.25	38.55 -4.64 -0.22	39.27 -4.35 -0.53	39.02 -4.00 -1.82	56.50 -5.00 -3.35	55.40 -5.17 -4.36	52.07 -5.13 -0.80	50.89 -5.51 -0.19	47.27 -4.33 0.00	46.73 -4.01 0.00	42.30 -4.23 0.00	44.44 -4.13 0.00	42.24 -4.43 0.00	43.98 -4.94 0.00	49.32 -5.41 1.07	54.71 -5.39 -0.18	50.89 -5.34 -0.01	47.61 -5.65 1.58	42.39 -4.82 0.01	40.11 -4.71 0.02	37.01 -4.30 0.00	36.52 -3.44 0.00
DUNKIRK___2 23564	39.01 -4.51 -0.60	38.59 -4.72 -0.43	38.33 -4.75 -0.25	38.55 -4.64 -0.22	39.27 -4.35 -0.53	39.02 -4.00 -1.82	56.50 -5.00 -3.35	55.40 -5.17 -4.36	52.07 -5.13 -0.80	50.89 -5.51 -0.19	47.27 -4.33 0.00	46.73 -4.01 0.00	42.30 -4.23 0.00	44.44 -4.13 0.00	42.24 -4.43 0.00	43.98 -4.94 0.00	49.32 -5.41 1.07	54.71 -5.39 -0.18	50.89 -5.34 -0.01	47.61 -5.65 1.58	42.39 -4.82 0.01	40.11 -4.71 0.02	37.01 -4.30 0.00	36.52 -3.44 0.00
DUNKIRK___3 23565	38.99 -4.55 -0.62	38.60 -4.72 -0.44	38.34 -4.75 -0.26	38.51 -4.68 -0.23	39.14 -4.48 -0.53	38.90 -4.12 -1.82	56.27 -5.23 -3.35	55.18 -5.40 -4.36	51.81 -5.41 -0.83	50.61 -5.79 -0.19	47.12 -4.49 0.00	46.53 -4.21 0.00	42.06 -4.47 0.00	44.25 -4.32 0.00	42.10 -4.57 0.00	43.83 -5.09 0.00	49.21 -5.53 1.07	54.48 -5.63 -0.18	50.78 -5.45 -0.01	47.57 -5.70 1.57	42.34 -4.86 0.01	40.11 -4.71 0.02	37.01 -4.30 0.00	36.44 -3.52 0.00
DUNKIRK___4 23566	38.93 -4.59 -0.60	38.55 -4.76 -0.43	38.29 -4.80 -0.25	38.46 -4.73 -0.22	39.17 -4.44 -0.52	38.90 -4.08 -1.79	56.20 -5.23 -3.28	55.09 -5.40 -4.27	51.84 -5.36 -0.80	50.71 -5.68 -0.18	47.12 -4.49 0.00	46.58 -4.16 0.00	42.11 -4.42 0.00	44.25 -4.32 0.00	42.10 -4.57 0.00	43.78 -5.14 0.00	49.15 -5.58 1.07	54.47 -5.63 -0.17	50.78 -5.45 0.00	47.51 -5.76 1.58	42.30 -4.91 0.01	40.06 -4.75 0.02	36.97 -4.34 0.00	36.44 -3.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	56.60 2.88 -10.80	53.24 2.79 -7.57	49.90 2.74 -4.33	49.47 2.75 -3.76	49.41 2.89 -3.42	55.15 2.80 -11.15	82.91 4.30 -20.46	87.36 4.50 -26.65	75.54 4.62 -14.52	62.02 4.50 -1.31	55.48 3.87 0.00	54.40 3.65 0.00	50.16 3.49 -0.14	52.07 3.50 0.00	50.08 3.41 0.00	52.68 3.77 0.00	61.24 4.63 -0.80	68.90 5.45 -3.51	62.19 4.95 -1.02	59.68 4.61 -0.23	50.76 3.54 0.00	48.47 3.63 0.00	44.12 2.81 0.00	42.11 2.16 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	55.89 2.40 -10.56	52.64 2.36 -7.41	49.38 2.31 -4.23	48.92 2.28 -3.68	48.86 2.41 -3.35	54.45 2.35 -10.91	81.71 3.55 -20.01	85.98 3.71 -26.06	74.62 3.89 -14.33	61.27 3.77 -1.30	54.81 3.20 0.00	53.74 2.99 0.00	49.28 2.75 0.00	51.29 2.72 0.00	49.38 2.71 0.00	52.00 3.08 0.00	59.60 3.79 0.00	67.36 4.61 -2.81	61.31 4.10 -0.97	58.62 3.78 0.00	50.14 2.93 0.00	47.89 3.05 0.00	43.62 2.31 0.00	41.75 1.80 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	57.04 3.30 -10.81	53.72 3.26 -7.58	50.38 3.21 -4.33	49.90 3.18 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.44 4.83 -20.46	88.21 4.83 -27.17	76.91 4.96 -15.54	64.06 4.78 -3.07	55.68 4.08 0.00	54.55 3.81 0.00	50.27 3.63 -0.11	52.16 3.59 0.00	50.27 3.59 0.00	52.83 3.91 0.00	61.30 4.86 -0.64	69.13 5.81 -3.38	62.52 5.29 -1.01	59.91 4.88 -0.18	50.85 3.64 0.00	48.71 3.86 -0.01	44.45 3.14 0.00	42.31 2.36 0.00
E179THST_13_KV_LOAD 356214	57.21 3.48 -10.81	53.89 3.43 -7.58	50.55 3.38 -4.33	50.03 3.31 -3.76	49.98 3.45 -3.43	55.69 3.34 -11.16	83.67 5.06 -20.46	88.44 5.06 -27.17	77.19 5.25 -15.54	64.34 5.06 -3.07	55.89 4.28 0.00	54.80 4.06 0.00	50.46 3.82 -0.11	52.41 3.84 0.00	50.45 3.78 0.00	53.07 4.16 0.00	61.58 5.13 -0.64	69.43 6.11 -3.38	62.80 5.57 -1.01	60.18 5.16 -0.18	51.04 3.82 0.00	48.93 4.08 -0.01	44.65 3.35 0.00	42.47 2.52 0.00
EAST HAMPTON___GT 23717	80.31 5.75 -31.63	57.37 6.05 -8.44	53.07 5.91 -4.32	52.94 6.06 -3.91	63.85 6.21 -14.55	71.70 5.72 -24.79	115.51 7.09 -50.26	145.60 7.48 -81.91	138.21 7.39 -74.42	122.28 7.42 -58.65	68.15 8.10 -8.44	65.09 7.66 -6.68	64.46 7.03 -10.91	64.16 7.09 -8.49	63.43 6.91 -9.84	64.47 7.34 -8.22	74.61 8.99 -9.81	94.38 9.77 -24.67	84.67 8.77 -19.67	75.21 8.44 -11.93	65.39 6.70 -11.47	62.48 6.77 -10.88	56.45 5.45 -9.69	54.20 4.71 -9.53
EAST RIVER___6 23660	56.68 2.96 -10.80	53.28 2.83 -7.57	49.94 2.78 -4.33	49.47 2.75 -3.76	49.41 2.89 -3.42	55.23 2.88 -11.15	83.14 4.54 -20.45	97.55 4.78 -36.56	95.94 4.96 -34.57	96.58 4.83 -35.53	55.74 4.13 0.00	54.65 3.91 0.00	51.98 4.14 -1.30	52.77 4.13 -0.07	50.81 4.06 -0.07	53.27 4.35 0.00	69.72 5.47 -8.44	76.05 6.29 -9.83	63.00 5.68 -1.09	62.41 5.27 -2.30	51.23 4.01 0.00	49.03 4.12 -0.07	44.57 3.26 0.00	42.47 2.52 0.00
EAST RIVER___7 23524	56.68 2.96 -10.80	53.28 2.83 -7.57	49.94 2.78 -4.33	49.47 2.75 -3.76	49.41 2.89 -3.42	55.23 2.88 -11.15	83.14 4.54 -20.45	97.55 4.78 -36.56	95.94 4.96 -34.57	96.58 4.83 -35.53	55.74 4.13 0.00	54.65 3.91 0.00	51.98 4.14 -1.30	52.77 4.13 -0.07	50.81 4.06 -0.07	53.27 4.35 0.00	69.72 5.47 -8.44	76.05 6.29 -9.83	63.00 5.68 -1.09	62.41 5.27 -2.30	51.23 4.01 0.00	49.03 4.12 -0.07	44.57 3.26 0.00	42.47 2.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	56.44 2.75 -10.77	53.13 2.70 -7.55	49.80 2.66 -4.31	49.37 2.66 -3.75	49.27 2.76 -3.41	54.99 2.68 -11.11	82.67 4.13 -20.39	87.50 4.27 -27.02	76.25 4.46 -15.40	63.43 4.33 -2.89	55.32 3.72 0.00	54.24 3.50 0.00	49.93 3.30 -0.09	51.88 3.30 0.00	49.95 3.27 0.00	52.54 3.62 0.00	60.84 4.46 -0.57	68.51 5.27 -3.31	62.00 4.78 -0.99	59.44 4.44 -0.16	50.62 3.40 0.00	48.34 3.50 0.00	43.99 2.68 0.00	42.03 2.08 0.00
EAST_HAMPTON___DIESEL 23722	80.31 5.75 -31.63	57.37 6.05 -8.44	53.07 5.91 -4.32	52.94 6.06 -3.91	63.85 6.21 -14.55	71.70 5.72 -24.79	115.51 7.09 -50.26	145.54 7.42 -81.91	138.21 7.39 -74.42	122.28 7.42 -58.65	68.15 8.10 -8.44	65.09 7.66 -6.68	64.46 7.03 -10.91	64.16 7.09 -8.49	63.43 6.91 -9.84	64.43 7.29 -8.22	74.61 8.99 -9.81	94.38 9.77 -24.67	84.67 8.77 -19.67	75.21 8.44 -11.93	65.39 6.70 -11.47	62.48 6.77 -10.88	56.45 5.45 -9.69	54.20 4.71 -9.53
EAST_PULASKI___ESR 323781	42.64 -1.07 -0.79	42.36 -1.07 -0.56	42.08 -1.07 -0.32	42.21 -1.03 -0.28	42.53 -0.82 -0.25	41.31 -0.70 -0.82	58.96 -0.70 -1.50	57.61 -0.56 -1.96	56.96 -0.51 -1.07	55.74 -0.56 -0.10	50.88 -0.72 0.00	50.03 -0.71 0.00	45.79 -0.74 0.00	47.84 -0.73 0.00	45.93 -0.75 0.00	48.13 -0.78 0.00	54.92 -0.89 0.00	59.66 -0.48 -0.21	55.74 -0.56 -0.08	54.02 -0.82 0.00	46.46 -0.76 0.00	44.03 -0.81 0.00	40.36 -0.95 0.00	39.08 -0.88 0.00
EAST_RIVER___1 323558	56.77 3.05 -10.80	53.37 2.92 -7.57	50.03 2.87 -4.33	49.56 2.83 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.45	97.55 4.78 -36.56	95.94 4.96 -34.57	96.58 4.83 -35.53	55.74 4.13 0.00	54.65 3.91 0.00	51.65 3.82 -1.30	52.43 3.79 -0.07	50.48 3.74 -0.07	52.93 4.01 0.00	69.27 5.02 -8.44	75.57 5.81 -9.83	62.55 5.23 -1.09	62.02 4.88 -2.30	50.95 3.73 0.00	48.76 3.86 -0.07	44.36 3.06 0.00	42.27 2.32 0.00
EAST_RIVER___2 323559	56.68 2.96 -10.80	53.28 2.83 -7.57	49.94 2.78 -4.33	49.47 2.75 -3.76	49.41 2.89 -3.42	55.23 2.88 -11.15	83.14 4.54 -20.45	97.55 4.78 -36.56	95.94 4.96 -34.57	96.58 4.83 -35.53	55.74 4.13 0.00	54.65 3.91 0.00	51.98 4.14 -1.30	52.77 4.13 -0.07	50.81 4.06 -0.07	53.27 4.35 0.00	69.72 5.47 -8.44	76.05 6.29 -9.83	63.00 5.68 -1.09	62.41 5.27 -2.30	51.23 4.01 0.00	49.03 4.12 -0.07	44.57 3.26 0.00	42.47 2.52 0.00
EAST___DELAWARE_HYD 23607	54.78 2.06 -9.80	51.72 1.97 -6.87	48.64 1.88 -3.92	48.26 1.89 -3.41	48.27 2.07 -3.11	53.33 2.02 -10.12	79.91 3.20 -18.56	83.59 3.20 -24.18	73.05 3.44 -13.21	60.61 3.20 -1.19	54.29 2.68 0.00	53.28 2.54 0.00	47.55 1.02 0.00	49.49 0.92 0.00	47.70 1.03 0.00	50.24 1.32 0.00	57.81 2.01 0.00	65.22 2.70 -2.59	59.38 2.25 -0.90	56.71 1.87 0.00	49.67 2.45 0.00	47.39 2.55 0.00	43.21 1.90 0.00	41.32 1.36 0.00
EIGHT_POINT___WT_PWR 323820	39.93 -2.57 0.42	40.03 -2.57 0.28	40.17 -2.53 0.14	40.49 -2.36 0.11	41.73 -1.98 -0.62	41.81 -1.65 -2.27	60.80 -1.51 -4.16	60.22 -1.40 -5.42	54.58 -1.24 0.57	54.95 -1.52 -0.25	50.62 -0.98 0.00	49.78 -0.97 0.00	45.18 -1.35 0.00	47.41 -1.17 0.00	45.28 -1.40 0.00	47.40 -1.52 0.00	52.81 -1.67 1.33	58.54 -1.32 0.07	54.19 -1.91 0.13	50.60 -2.30 1.94	45.54 -1.65 0.02	42.77 -2.02 0.05	39.41 -1.90 0.00	38.52 -1.44 0.00
ELBRIDGE_115KV_TB2 80188	43.02 -1.07 -1.17	42.58 -1.11 -0.82	42.15 -1.16 -0.47	42.25 -1.12 -0.41	42.56 -0.91 -0.37	41.62 -0.78 -1.20	59.61 -0.76 -2.21	58.47 -0.62 -2.88	57.40 -0.56 -1.57	55.68 -0.67 -0.14	50.78 -0.83 0.00	49.88 -0.86 0.00	45.65 -0.88 0.00	47.70 -0.87 0.00	45.79 -0.89 0.00	47.99 -0.93 0.00	54.97 -1.12 -0.28	59.64 -0.60 -0.31	55.57 -0.79 -0.13	54.21 -1.04 -0.41	46.37 -0.85 0.00	43.90 -0.94 0.00	40.23 -1.07 0.00	39.00 -0.96 0.00
ELEC_TRO_TEK 24086	77.99 3.43 -31.63	54.66 3.34 -8.44	50.41 3.26 -4.32	50.18 3.31 -3.91	61.09 3.45 -14.55	69.32 3.34 -24.79	113.53 5.12 -50.26	143.35 5.23 -81.91	136.23 5.41 -74.42	120.09 5.23 -58.65	64.59 4.54 -8.44	61.74 4.31 -6.68	61.53 4.09 -10.91	61.20 4.13 -8.49	60.53 4.01 -9.84	61.54 4.40 -8.22	70.97 5.36 -9.81	90.84 6.23 -24.67	81.58 5.68 -19.67	72.09 5.32 -11.93	62.80 4.11 -11.47	59.93 4.21 -10.88	54.34 3.35 -9.69	52.20 2.72 -9.53
ELLENBURG_WT_PWR 323604	41.42 -1.50 0.00	41.55 -1.33 0.00	41.85 -0.98 0.00	42.15 -0.82 0.00	42.36 -0.73 0.00	40.45 -0.74 0.00	57.22 -0.93 0.00	55.82 -0.39 0.00	56.17 -0.22 0.00	56.49 0.28 0.00	52.48 0.88 0.00	51.86 1.11 0.00	47.60 1.07 0.00	49.83 1.26 0.00	47.89 1.21 0.00	50.14 1.22 0.00	56.98 1.17 0.00	60.11 0.18 0.00	56.67 0.45 0.00	55.39 0.55 0.00	47.79 0.57 0.00	45.24 0.40 0.00	42.05 0.74 0.00	40.75 0.80 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.63 -4.89 -0.61	38.21 -5.10 -0.43	37.95 -5.14 -0.25	38.07 -5.11 -0.22	38.90 -4.70 -0.50	38.51 -4.41 -1.72	55.49 -5.82 -3.15	54.31 -6.01 -4.11	51.23 -5.98 -0.81	50.03 -6.35 -0.17	46.08 -5.52 0.00	45.62 -5.13 0.00	41.23 -5.30 0.00	43.38 -5.20 0.00	41.26 -5.41 0.00	42.95 -5.97 0.00	48.04 -6.70 1.07	53.63 -6.47 -0.18	49.71 -6.52 -0.01	46.58 -6.69 1.57	41.68 -5.52 0.01	39.44 -5.38 0.02	36.47 -4.83 0.00	36.04 -3.92 0.00
EMPIRE_CC_1 323656	57.64 1.84 -12.87	53.79 1.88 -9.03	49.87 1.88 -5.15	49.38 1.94 -4.48	49.16 1.98 -4.08	56.33 1.86 -13.28	85.07 2.56 -24.36	90.20 2.25 -31.74	76.24 2.54 -17.30	60.31 2.53 -1.56	52.90 1.29 0.00	51.96 1.22 0.00	47.79 1.26 0.00	49.79 1.21 0.00	47.94 1.26 0.00	50.28 1.37 0.00	57.59 1.79 0.00	65.48 2.15 -3.39	59.42 2.02 -1.17	56.65 1.81 0.00	48.73 1.51 0.00	46.32 1.48 0.00	42.34 1.03 0.00	40.91 0.96 0.00
EMPIRE_CC_2 323658	57.64 1.84 -12.87	53.79 1.88 -9.03	49.87 1.88 -5.15	49.38 1.94 -4.48	49.16 1.98 -4.08	56.33 1.86 -13.28	85.07 2.56 -24.36	90.20 2.25 -31.74	76.24 2.54 -17.30	60.31 2.53 -1.56	52.90 1.29 0.00	51.96 1.22 0.00	47.79 1.26 0.00	49.79 1.21 0.00	47.94 1.26 0.00	50.28 1.37 0.00	57.59 1.79 0.00	65.48 2.15 -3.39	59.42 2.02 -1.17	56.65 1.81 0.00	48.73 1.51 0.00	46.32 1.48 0.00	42.34 1.03 0.00	40.91 0.96 0.00
ENORWICH_115KV_TB1 80156	50.80 2.83 -5.05	49.19 2.79 -3.53	47.41 2.57 -2.00	47.41 2.71 -1.74	47.24 3.02 -1.13	47.93 3.21 -3.52	70.25 5.64 -6.45	70.41 5.79 -8.41	69.00 5.81 -6.79	61.96 5.34 -0.41	56.51 4.90 0.00	55.56 4.82 0.00	50.72 4.19 0.00	53.14 4.57 0.00	50.88 4.20 0.00	53.37 4.45 0.00	62.50 5.41 -1.27	67.77 6.53 -1.31	62.79 6.02 -0.54	62.08 5.37 -1.87	51.53 4.30 -0.01	48.50 3.63 -0.03	44.07 2.77 0.00	42.63 2.68 0.00
ERIE_ST__34_KV_TB1-2 80199	38.95 -4.59 -0.62	38.73 -4.59 -0.44	38.34 -4.75 -0.26	38.42 -4.77 -0.23	38.61 -5.00 -0.51	38.31 -4.65 -1.77	55.35 -6.05 -3.25	54.26 -5.79 -4.23	51.20 -6.03 -0.83	49.98 -6.41 -0.18	47.32 -4.28 0.00	46.79 -3.96 0.00	42.30 -4.23 0.00	44.44 -4.13 0.00	42.34 -4.34 0.00	44.02 -4.89 0.00	49.99 -4.74 1.07	54.00 -6.11 -0.18	51.29 -4.95 -0.01	48.22 -5.05 1.57	42.58 -4.63 0.01	40.60 -4.21 0.02	37.26 -4.05 0.00	36.60 -3.36 0.00
ERIE_WT_PWR 323693	38.81 -4.72 -0.61	38.38 -4.93 -0.43	38.21 -4.88 -0.26	38.33 -4.86 -0.22	39.12 -4.48 -0.51	38.75 -4.20 -1.75	55.79 -5.58 -3.22	54.61 -5.79 -4.19	51.52 -5.69 -0.81	50.43 -5.96 -0.18	46.70 -4.90 0.00	46.18 -4.57 0.00	41.74 -4.79 0.00	43.86 -4.71 0.00	41.78 -4.90 0.00	43.68 -5.23 0.00	48.77 -5.97 1.07	53.99 -6.11 -0.18	49.60 -6.64 -0.01	46.52 -6.75 1.58	42.06 -5.15 0.01	39.62 -5.20 0.02	36.84 -4.46 0.00	36.28 -3.68 0.00
ESPRGFLD_115KV_TB1 80157	44.52 1.42 -0.18	44.47 1.46 -0.13	44.19 1.29 -0.07	44.40 1.37 -0.06	44.62 1.47 -0.06	43.07 1.69 -0.19	61.47 2.97 -0.35	59.81 3.15 -0.45	59.86 3.21 -0.25	59.15 2.92 -0.02	54.19 2.58 0.00	53.08 2.33 0.00	48.58 2.05 0.00	50.81 2.23 0.00	48.73 2.05 0.00	51.17 2.25 0.00	58.71 2.90 0.00	63.58 3.60 -0.05	59.56 3.32 -0.02	57.75 2.91 0.00	49.48 2.27 0.00	46.81 1.97 0.00	42.71 1.40 0.00	41.07 1.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.21 0.17 -6.11	47.27 0.13 -4.27	45.28 0.04 -2.41	45.17 0.13 -2.08	44.32 0.34 -0.88	44.21 0.49 -2.52	64.05 1.28 -4.62	63.69 1.46 -6.02	66.10 1.47 -8.23	57.74 1.24 -0.29	52.69 1.08 0.00	51.76 1.01 0.00	47.32 0.79 0.00	49.45 0.87 0.00	47.47 0.79 0.00	49.75 0.83 0.00	59.53 1.00 -2.71	63.23 1.74 -1.56	58.42 1.46 -0.73	59.91 1.10 -3.98	48.10 0.85 -0.03	45.54 0.63 -0.07	41.55 0.25 0.00	40.28 0.32 0.00
ETNA____115KV_TB2 80207	49.21 0.17 -6.11	47.27 0.13 -4.27	45.28 0.04 -2.41	45.17 0.13 -2.08	44.32 0.34 -0.88	44.21 0.49 -2.52	64.05 1.28 -4.62	63.69 1.46 -6.02	66.10 1.47 -8.23	57.74 1.24 -0.29	52.69 1.08 0.00	51.76 1.01 0.00	47.32 0.79 0.00	49.45 0.87 0.00	47.47 0.79 0.00	49.75 0.83 0.00	59.53 1.00 -2.71	63.23 1.74 -1.56	58.42 1.46 -0.73	59.91 1.10 -3.98	48.10 0.85 -0.03	45.54 0.63 -0.07	41.55 0.25 0.00	40.28 0.32 0.00
EUCLID____115KV_TB2 356179	42.51 -1.33 -0.92	42.15 -1.37 -0.65	41.79 -1.41 -0.37	41.91 -1.37 -0.32	42.23 -1.16 -0.29	41.12 -1.03 -0.95	58.68 -1.22 -1.75	57.42 -1.07 -2.28	56.62 -1.02 -1.24	55.20 -1.12 -0.11	50.37 -1.24 0.00	49.47 -1.27 0.00	45.32 -1.21 0.00	47.31 -1.26 0.00	45.42 -1.26 0.00	47.60 -1.32 0.00	54.30 -1.51 0.00	59.10 -1.08 -0.24	55.08 -1.24 -0.09	53.41 -1.43 0.00	45.99 -1.23 0.00	43.58 -1.26 0.00	39.99 -1.32 0.00	38.76 -1.20 0.00
E_CANADA_CAP_HY 24051	60.43 1.67 -15.83	55.70 1.72 -11.10	50.76 1.59 -6.34	50.15 1.67 -5.51	49.84 1.73 -5.02	59.51 1.98 -16.33	91.43 3.31 -29.97	98.74 3.49 -39.04	81.23 3.56 -21.27	61.39 3.26 -1.92	54.34 2.73 0.00	53.08 2.34 0.00	48.67 2.14 0.00	51.00 2.43 0.00	48.87 2.19 0.00	51.36 2.44 0.00	58.99 3.18 0.00	68.00 3.89 -4.18	61.27 3.60 -1.45	57.96 3.12 0.00	49.77 2.55 0.00	46.99 2.15 0.00	42.88 1.57 0.00	41.20 1.24 0.00
E_CANADA_MHWK_HY 24050	44.68 1.76 0.00	44.64 1.76 0.00	44.55 1.72 0.00	44.73 1.76 0.00	44.91 1.81 0.00	43.05 1.86 0.00	61.06 2.91 0.00	59.08 2.87 0.00	59.39 2.99 0.00	59.19 2.98 0.00	54.29 2.68 0.00	53.38 2.64 0.00	48.95 2.42 0.00	51.15 2.57 0.00	49.10 2.43 0.00	51.36 2.44 0.00	58.76 2.96 0.00	63.28 3.35 0.00	59.26 3.03 0.00	57.75 2.90 0.00	49.62 2.41 0.00	46.99 2.15 0.00	43.08 1.77 0.00	41.59 1.64 0.00
E_FISHKILL___LBMP 23776	56.54 2.49 -11.13	53.13 2.44 -7.81	49.69 2.40 -4.46	49.24 2.41 -3.87	49.17 2.54 -3.53	55.11 2.43 -11.49	82.89 3.66 -21.08	87.38 3.71 -27.46	75.25 3.89 -14.96	61.33 3.77 -1.35	54.75 3.15 0.00	53.69 2.94 0.00	49.31 2.79 0.01	51.39 2.82 0.00	49.43 2.75 0.00	52.00 3.08 0.00	59.55 3.79 0.05	67.38 4.55 -2.89	61.35 4.10 -1.01	58.66 3.84 0.02	50.14 2.93 0.00	47.89 3.05 0.00	43.58 2.27 0.00	41.75 1.80 0.00
FALCON___SEABRD_CC1 323796	41.89 -1.03 0.00	42.02 -0.86 0.00	42.32 -0.51 0.00	42.67 -0.30 0.00	42.88 -0.21 0.00	40.74 -0.45 0.00	57.63 -0.52 0.00	56.27 0.06 0.00	56.63 0.23 0.00	56.89 0.68 0.00	52.84 1.24 0.00	52.26 1.52 0.00	47.98 1.44 0.00	50.23 1.65 0.00	48.27 1.59 0.00	50.48 1.56 0.00	57.43 1.62 0.00	60.65 0.72 0.00	57.12 0.90 0.00	55.77 0.93 0.00	48.16 0.94 0.00	45.55 0.72 0.00	42.30 0.99 0.00	41.04 1.08 0.00
FALCON___SEABRD_CC2 323797	41.89 -1.03 0.00	42.02 -0.86 0.00	42.32 -0.51 0.00	42.67 -0.30 0.00	42.88 -0.21 0.00	40.74 -0.45 0.00	57.63 -0.52 0.00	56.27 0.06 0.00	56.63 0.23 0.00	56.89 0.68 0.00	52.84 1.24 0.00	52.26 1.52 0.00	47.98 1.44 0.00	50.23 1.65 0.00	48.27 1.59 0.00	50.48 1.56 0.00	57.43 1.62 0.00	60.65 0.72 0.00	57.12 0.90 0.00	55.77 0.93 0.00	48.16 0.94 0.00	45.55 0.72 0.00	42.30 0.99 0.00	41.04 1.08 0.00

FAR ROCKAWAY___4 23548	78.50 3.95 -31.63	55.18 3.86 -8.44	50.89 3.73 -4.32	50.66 3.78 -3.91	61.61 3.96 -14.55	69.81 3.83 -24.79	114.34 5.93 -50.26	144.13 6.01 -81.91	137.02 6.20 -74.42	120.87 6.01 -58.65	65.36 5.32 -8.44	62.50 5.07 -6.68	62.18 4.75 -10.91	61.88 4.81 -8.49	61.19 4.67 -9.84	62.17 5.04 -8.22	71.81 6.19 -9.81	91.80 7.19 -24.67	82.53 6.63 -19.67	72.97 6.20 -11.93	63.51 4.82 -11.47	60.56 4.84 -10.88	54.88 3.88 -9.69	52.72 3.24 -9.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	56.86 3.13 -10.80	53.45 3.00 -7.57	50.12 2.96 -4.33	49.64 2.92 -3.76	49.58 3.06 -3.42	55.35 3.01 -11.15	83.32 4.71 -20.45	98.13 4.89 -37.03	96.99 5.08 -35.52	98.30 4.95 -37.15	55.84 4.23 0.00	54.75 4.01 0.00	51.76 3.86 -1.36	52.48 3.84 -0.07	50.53 3.78 -0.07	53.03 4.11 0.00	69.71 5.08 -8.83	75.95 5.87 -10.15	62.66 5.34 -1.10	62.24 4.99 -2.41	50.99 3.78 0.00	48.86 3.95 -0.07	44.40 3.10 0.00	42.31 2.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.64 2.92 -3.76	49.58 3.06 -3.42	55.35 3.01 -11.15	83.32 4.71 -20.45	98.13 4.89 -37.03	96.94 5.02 -35.52	98.30 4.95 -37.15	55.84 4.23 0.00	54.70 3.96 0.00	51.71 3.82 -1.36	52.48 3.84 -0.07	50.53 3.78 -0.07	53.03 4.11 0.00	69.66 5.02 -8.83	75.95 5.87 -10.15	62.66 5.34 -1.10	62.24 4.99 -2.41	50.99 3.78 0.00	48.86 3.95 -0.07	44.40 3.10 0.00	42.31 2.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	56.77 3.05 -10.80	53.41 2.96 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.26 4.65 -20.45	98.07 4.83 -37.03	96.94 5.02 -35.52	98.25 4.89 -37.15	55.79 4.18 0.00	54.65 3.91 0.00	51.66 3.77 -1.36	52.44 3.79 -0.07	50.48 3.73 -0.07	52.98 4.06 0.00	69.60 4.97 -8.83	75.89 5.81 -10.15	62.61 5.29 -1.10	62.18 4.94 -2.41	50.95 3.73 0.00	48.81 3.90 -0.07	44.32 3.02 0.00	42.27 2.32 0.00
FARRAGUT___LBMP 323566	56.77 3.05 -10.80	53.41 2.96 -7.57	50.03 2.87 -4.33	49.56 2.84 -3.76	49.54 3.02 -3.42	55.27 2.92 -11.15	83.20 4.59 -20.45	98.02 4.78 -37.03	96.88 4.96 -35.52	98.19 4.83 -37.15	55.73 4.13 0.00	54.60 3.86 0.00	51.66 3.77 -1.36	52.39 3.74 -0.07	50.44 3.69 -0.07	52.93 4.01 0.00	69.55 4.91 -8.83	75.83 5.75 -10.15	62.55 5.23 -1.10	62.13 4.88 -2.41	50.90 3.68 0.00	48.77 3.86 -0.07	44.32 3.02 0.00	42.23 2.28 0.00
FENNER___WINDPWR 24204	45.56 0.60 -2.04	44.90 0.60 -1.42	44.20 0.56 -0.81	44.31 0.65 -0.70	44.32 0.78 -0.44	43.47 0.91 -1.37	62.36 1.69 -2.52	61.24 1.74 -3.28	60.94 1.80 -2.74	58.00 1.63 -0.16	53.00 1.39 0.00	52.11 1.37 0.00	47.70 1.16 0.00	49.83 1.26 0.00	47.84 1.17 0.00	50.14 1.22 0.00	57.82 1.45 -0.57	62.32 1.86 -0.53	58.02 1.57 -0.22	56.98 1.31 -0.83	48.31 1.09 -0.01	45.70 0.85 -0.01	41.88 0.58 0.00	40.52 0.56 0.00
FIBERTEK___ENERGY 23856	43.17 -0.86 -1.10	42.79 -0.86 -0.77	42.33 -0.94 -0.44	42.49 -0.86 -0.38	42.80 -0.65 -0.35	41.80 -0.54 -1.14	59.77 -0.47 -2.09	58.59 -0.34 -2.72	57.65 -0.23 -1.48	56.01 -0.34 -0.13	51.09 -0.52 0.00	50.19 -0.56 0.00	45.97 -0.56 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.29 -0.73 -0.21	59.98 -0.24 -0.29	55.95 -0.39 -0.11	54.49 -0.66 -0.30	46.65 -0.57 0.00	44.17 -0.67 0.00	40.48 -0.83 0.00	39.24 -0.72 0.00
FITZPATRICK___ 23598	41.72 -1.84 -0.65	41.45 -1.89 -0.45	41.21 -1.88 -0.26	41.39 -1.80 -0.23	41.62 -1.68 -0.21	40.30 -1.57 -0.67	57.34 -2.04 -1.23	55.90 -1.91 -1.60	55.41 -1.86 -0.87	54.27 -2.02 -0.08	49.65 -1.96 0.00	48.82 -1.93 0.00	44.67 -1.86 0.00	46.68 -1.90 0.00	44.81 -1.87 0.00	46.96 -1.96 0.00	53.52 -2.29 0.00	58.06 -2.04 -0.17	54.21 -2.08 -0.06	52.65 -2.20 0.00	45.33 -1.89 0.00	43.00 -1.84 0.00	39.49 -1.82 0.00	38.28 -1.68 0.00
FLOWRFLD_69_KV_BK1 356044	78.97 4.42 -31.63	55.82 4.50 -8.44	51.53 4.37 -4.32	51.30 4.43 -3.91	62.26 4.61 -14.55	70.35 4.37 -24.79	114.46 6.05 -50.26	144.47 6.35 -81.91	137.25 6.43 -74.42	121.16 6.30 -58.65	65.88 5.83 -8.44	63.11 5.68 -6.68	62.74 5.30 -10.91	62.56 5.49 -8.49	61.93 5.41 -9.84	62.86 5.72 -8.22	72.10 6.47 -9.81	91.74 7.13 -24.67	82.31 6.41 -19.67	73.02 6.25 -11.93	63.89 5.19 -11.47	61.27 5.56 -10.88	55.37 4.38 -9.69	53.12 3.64 -9.53
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	56.69 2.83 -10.94	53.34 2.79 -7.67	49.96 2.74 -4.38	49.48 2.71 -3.81	49.41 2.84 -3.47	55.21 2.72 -11.30	83.01 4.13 -20.73	87.37 4.16 -27.00	75.63 4.46 -14.77	61.82 4.27 -1.34	55.22 3.61 0.00	54.14 3.40 0.00	49.65 3.12 0.00	51.63 3.06 0.00	49.76 3.08 0.00	52.39 3.47 0.00	60.11 4.30 0.00	67.98 5.15 -2.90	61.84 4.61 -1.00	59.06 4.22 0.00	50.52 3.31 0.00	48.20 3.36 0.00	43.87 2.56 0.00	41.99 2.04 0.00
FORT ORANGE___ 23900	58.28 2.10 -13.26	54.27 2.10 -9.29	50.20 2.06 -5.31	49.68 2.10 -4.61	49.41 2.11 -4.20	56.93 2.06 -13.67	85.68 2.44 -25.09	90.86 1.97 -32.68	76.41 2.20 -17.81	60.07 2.25 -1.61	53.00 1.39 0.00	52.06 1.32 0.00	47.88 1.35 0.00	49.89 1.31 0.00	47.98 1.31 0.00	50.19 1.27 0.00	57.37 1.56 0.00	65.22 1.80 -3.50	59.12 1.69 -1.21	56.32 1.48 0.00	48.59 1.37 0.00	46.18 1.34 0.00	42.26 0.95 0.00	41.23 1.28 0.00
FORT_DRUM_COGEN 23780	43.40 -0.09 -0.56	43.27 0.00 -0.39	43.15 0.09 -0.22	43.33 0.17 -0.20	43.62 0.34 -0.18	42.27 0.49 -0.58	60.32 1.10 -1.06	58.83 1.24 -1.38	58.28 1.13 -0.75	57.18 0.90 -0.07	52.38 0.77 0.00	51.66 0.91 0.00	47.23 0.70 0.00	49.50 0.92 0.00	47.47 0.79 0.00	49.80 0.88 0.00	56.98 1.17 0.00	61.34 1.26 -0.15	57.63 1.35 -0.05	55.94 1.10 0.00	47.97 0.76 0.00	45.24 0.40 0.00	41.47 0.17 0.00	40.20 0.24 0.00
FOX_HILLS___ESR 323835	56.95 3.22 -10.81	53.55 3.09 -7.58	50.17 3.00 -4.33	49.64 2.92 -3.76	49.76 3.23 -3.43	55.44 3.09 -11.16	83.38 4.77 -20.46	100.45 4.95 -39.29	107.08 5.08 -45.60	106.10 4.95 -44.94	55.79 4.18 0.00	54.70 3.96 0.00	51.95 3.77 -1.65	52.40 3.74 -0.09	50.50 3.73 -0.09	53.03 4.11 0.00	71.70 5.19 -10.70	100.63 6.23 -34.47	142.62 5.68 -80.72	70.62 5.26 -10.51	51.04 3.82 0.00	49.01 4.08 -0.09	44.53 3.22 0.00	42.27 2.32 0.00
FPL_FAR_ROCK_GT1 24212	78.50 3.95 -31.63	55.13 3.81 -8.44	50.88 3.72 -4.32	50.66 3.78 -3.91	61.61 3.96 -14.55	69.81 3.83 -24.79	114.35 5.93 -50.26	144.14 6.02 -81.91	137.02 6.20 -74.42	120.93 6.07 -58.65	65.36 5.32 -8.44	62.50 5.07 -6.68	62.19 4.75 -10.91	61.88 4.81 -8.49	61.19 4.67 -9.84	62.13 4.99 -8.22	71.81 6.19 -9.81	91.79 7.19 -24.67	82.42 6.52 -19.67	72.86 6.09 -11.93	63.51 4.82 -11.47	60.51 4.80 -10.88	54.88 3.88 -9.69	52.72 3.24 -9.53
FPL_FAR_ROCK_GT2 23815	78.50 3.95 -31.63	55.13 3.81 -8.44	50.88 3.72 -4.32	50.66 3.78 -3.91	61.61 3.96 -14.55	69.81 3.83 -24.79	114.35 5.93 -50.26	144.14 6.02 -81.91	137.02 6.20 -74.42	120.93 6.07 -58.65	65.36 5.32 -8.44	62.50 5.07 -6.68	62.19 4.75 -10.91	61.88 4.81 -8.49	61.19 4.67 -9.84	62.13 4.99 -8.22	71.81 6.19 -9.81	91.79 7.19 -24.67	82.42 6.52 -19.67	72.86 6.09 -11.93	63.51 4.82 -11.47	60.51 4.80 -10.88	54.88 3.88 -9.69	52.72 3.24 -9.53

FRANKLIN_FALL_HYD 24054	42.15 -0.77 0.00	42.28 -0.60 0.00	42.49 -0.34 0.00	42.88 -0.09 0.00	42.97 -0.13 0.00	41.07 -0.12 0.00	57.92 -0.23 0.00	56.49 0.28 0.00	56.79 0.39 0.00	56.94 0.73 0.00	52.95 1.34 0.00	52.47 1.73 0.00	48.16 1.63 0.00	50.47 1.89 0.00	48.50 1.82 0.00	50.73 1.81 0.00	57.71 1.90 0.00	60.47 0.54 0.00	57.18 0.96 0.00	55.77 0.93 0.00	48.21 0.99 0.00	45.56 0.72 0.00	42.50 1.20 0.00	41.27 1.32 0.00
FREEPORT_EQUS_GT1 23764	78.29 3.73 -31.63	54.96 3.64 -8.44	50.71 3.55 -4.32	50.49 3.61 -3.91	61.39 3.75 -14.55	69.61 3.63 -24.79	113.94 5.53 -50.26	143.74 5.62 -81.91	136.63 5.81 -74.42	120.53 5.67 -58.65	64.95 4.91 -8.44	62.09 4.67 -6.68	61.81 4.37 -10.91	61.53 4.47 -8.49	60.86 4.34 -9.84	61.83 4.70 -8.22	71.42 5.80 -9.81	91.31 6.71 -24.67	81.97 6.07 -19.67	72.42 5.65 -11.93	63.18 4.49 -11.47	60.20 4.48 -10.88	54.63 3.64 -9.69	52.48 3.00 -9.53
FREEPORT___CT2 23818	78.29 3.73 -31.63	54.96 3.64 -8.44	50.71 3.55 -4.32	50.49 3.61 -3.91	61.39 3.75 -14.55	69.61 3.63 -24.79	113.94 5.53 -50.26	143.74 5.62 -81.91	136.63 5.81 -74.42	120.53 5.67 -58.65	64.95 4.91 -8.44	62.09 4.67 -6.68	61.81 4.37 -10.91	61.53 4.47 -8.49	60.86 4.34 -9.84	61.83 4.70 -8.22	71.42 5.80 -9.81	91.31 6.71 -24.67	81.97 6.07 -19.67	72.42 5.65 -11.93	63.18 4.49 -11.47	60.20 4.48 -10.88	54.63 3.64 -9.69	52.48 3.00 -9.53
FRESHKLS_33_KV_LOAD 356253	56.86 3.13 -10.81	53.46 3.00 -7.58	50.04 2.87 -4.33	49.51 2.79 -3.76	49.67 3.15 -3.43	55.36 3.01 -11.16	83.21 4.59 -20.46	100.28 4.78 -39.29	106.91 4.91 -45.60	105.93 4.78 -44.94	55.62 4.03 0.01	54.49 3.76 0.01	51.77 3.58 -1.65	52.26 3.59 -0.09	50.31 3.55 -0.09	52.83 3.91 0.00	71.53 5.02 -10.70	100.51 6.11 -34.47	142.51 5.57 -80.72	70.45 5.10 -10.51	50.90 3.68 0.00	48.87 3.95 -0.09	44.40 3.10 0.00	42.15 2.20 0.00
FULTON COGEN____ 23766	42.37 -1.42 -0.86	42.03 -1.46 -0.61	41.68 -1.50 -0.35	41.85 -1.42 -0.30	42.12 -1.25 -0.27	40.97 -1.11 -0.89	58.51 -1.28 -1.64	57.22 -1.12 -2.13	56.49 -1.07 -1.16	55.19 -1.12 -0.11	50.37 -1.24 0.00	49.47 -1.27 0.00	45.28 -1.26 0.00	47.31 -1.26 0.00	45.42 -1.26 0.00	47.60 -1.32 0.00	54.30 -1.51 0.00	59.08 -1.08 -0.23	55.08 -1.24 -0.08	53.41 -1.43 0.00	45.99 -1.23 0.00	43.58 -1.26 0.00	39.94 -1.36 0.00	38.68 -1.28 0.00
FULTON___LFGE 323630	62.29 4.25 -15.12	57.76 4.29 -10.60	52.91 4.03 -6.05	52.44 4.21 -5.26	51.98 4.10 -4.79	61.28 4.49 -15.59	93.68 6.92 -28.61	100.62 7.14 -37.27	83.87 7.16 -20.31	64.73 6.69 -1.84	57.44 5.83 0.00	55.77 5.02 0.00	51.33 4.79 0.00	54.01 5.44 0.00	51.62 4.95 0.00	54.30 5.38 0.00	62.39 6.58 0.00	71.53 7.61 -3.99	64.75 7.14 -1.38	61.25 6.41 0.00	52.74 5.52 0.00	49.54 4.71 0.00	45.19 3.88 0.00	43.35 3.39 0.00
G.F.CEMENT___DRP 24184	59.59 2.92 -13.75	55.39 2.87 -9.64	51.12 2.78 -5.51	50.63 2.88 -4.78	50.25 2.80 -4.36	58.26 2.88 -14.18	88.53 4.36 -26.02	94.49 4.38 -33.90	79.55 4.68 -18.47	62.43 4.55 -1.67	55.27 3.66 0.00	54.19 3.45 0.00	49.74 3.21 0.00	51.97 3.40 0.00	49.76 3.08 0.00	52.19 3.28 0.00	59.83 4.02 0.00	68.29 4.73 -3.63	61.92 4.44 -1.25	58.90 4.06 0.00	50.62 3.40 0.00	47.84 3.00 0.00	43.62 2.31 0.00	42.03 2.08 0.00
GARDENVILLE___LBMP 24039	38.71 -4.81 -0.60	38.33 -4.97 -0.42	38.07 -5.01 -0.25	38.20 -4.98 -0.22	38.95 -4.65 -0.51	38.58 -4.37 -1.75	55.67 -5.70 -3.22	54.50 -5.90 -4.19	51.33 -5.87 -0.80	50.15 -6.24 -0.18	46.45 -5.16 0.00	45.92 -4.82 0.00	41.51 -5.03 0.00	43.67 -4.91 0.00	41.54 -5.13 0.00	43.24 -5.67 0.00	48.48 -6.25 1.07	53.87 -6.23 -0.17	50.10 -6.13 0.00	46.96 -6.31 1.58	41.92 -5.29 0.01	39.71 -5.11 0.02	36.68 -4.63 0.00	36.20 -3.76 0.00
GARDNVLA_35_KV_LD 355827	38.90 -4.64 -0.61	38.51 -4.80 -0.44	38.25 -4.84 -0.26	38.38 -4.81 -0.23	39.08 -4.53 -0.51	38.70 -4.24 -1.75	55.84 -5.52 -3.22	54.72 -5.68 -4.19	51.58 -5.64 -0.82	50.37 -6.01 -0.18	46.70 -4.90 0.00	46.23 -4.52 0.00	41.79 -4.75 0.00	43.91 -4.66 0.00	41.78 -4.90 0.00	43.49 -5.43 0.00	48.82 -5.92 1.07	54.11 -5.99 -0.18	50.44 -5.79 -0.01	47.29 -5.98 1.57	42.16 -5.05 0.01	39.93 -4.89 0.02	36.89 -4.42 0.00	36.40 -3.56 0.00
GELCKHM__115KV_LOAD 80723	42.75 -1.16 -0.99	42.41 -1.16 -0.69	42.03 -1.20 -0.40	42.15 -1.16 -0.34	42.42 -0.99 -0.31	41.35 -0.87 -1.02	59.09 -0.93 -1.87	57.87 -0.79 -2.44	56.99 -0.73 -1.33	55.49 -0.84 -0.12	50.68 -0.93 0.00	49.78 -0.96 0.00	45.55 -0.98 0.00	47.60 -0.97 0.00	45.70 -0.98 0.00	47.89 -1.03 0.00	54.70 -1.23 -0.11	59.47 -0.72 -0.26	55.43 -0.90 -0.10	53.86 -1.15 -0.17	46.27 -0.94 0.00	43.81 -1.03 0.00	40.19 -1.12 0.00	38.92 -1.04 0.00
GENERAL___MILLS 23808	38.81 -4.72 -0.61	38.47 -4.85 -0.43	38.17 -4.93 -0.26	38.29 -4.90 -0.22	38.99 -4.61 -0.51	38.62 -4.33 -1.75	55.73 -5.64 -3.22	54.56 -5.85 -4.19	51.46 -5.75 -0.81	50.26 -6.13 -0.18	46.60 -5.01 0.00	46.13 -4.62 0.00	41.69 -4.84 0.00	43.81 -4.76 0.00	41.68 -4.99 0.00	43.39 -5.53 0.00	48.71 -6.03 1.07	53.99 -6.11 -0.18	50.33 -5.90 -0.01	47.18 -6.09 1.58	42.06 -5.15 0.01	39.89 -4.93 0.02	36.80 -4.50 0.00	36.32 -3.64 0.00
GE_PLASTICS___DRP 24183	57.94 1.76 -13.26	53.89 1.72 -9.30	49.86 1.71 -5.31	49.34 1.76 -4.61	49.07 1.77 -4.20	56.61 1.73 -13.68	85.64 2.38 -25.10	90.99 2.08 -32.70	76.53 2.31 -17.82	60.07 2.25 -1.61	53.15 1.55 0.00	52.21 1.47 0.00	47.97 1.44 0.00	49.98 1.41 0.00	48.08 1.40 0.00	50.38 1.47 0.00	57.54 1.73 0.00	65.53 2.10 -3.50	59.41 1.97 -1.21	56.60 1.75 0.00	48.73 1.51 0.00	46.32 1.48 0.00	42.38 1.07 0.00	41.03 1.08 0.00
GILBOA___1 23756	54.86 1.41 -10.53	51.67 1.41 -7.38	48.42 1.37 -4.22	48.04 1.42 -3.66	47.94 1.51 -3.34	53.50 1.44 -10.86	80.23 2.15 -19.93	84.30 2.14 -25.96	72.80 2.26 -14.14	59.68 2.19 -1.28	53.31 1.70 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.08 1.51 0.00	48.17 1.49 0.00	50.53 1.61 0.00	57.87 2.07 0.00	65.22 2.52 -2.78	59.44 2.25 -0.96	56.87 2.03 0.00	48.82 1.61 0.00	46.45 1.61 0.00	42.46 1.15 0.00	40.91 0.96 0.00
GILBOA___2 23757	54.86 1.41 -10.53	51.67 1.41 -7.38	48.42 1.37 -4.22	48.04 1.42 -3.66	47.94 1.51 -3.34	53.50 1.44 -10.86	80.23 2.15 -19.93	84.30 2.14 -25.96	72.80 2.26 -14.14	59.68 2.19 -1.28	53.31 1.70 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.08 1.51 0.00	48.17 1.49 0.00	50.53 1.61 0.00	57.87 2.07 0.00	65.22 2.52 -2.78	59.44 2.25 -0.96	56.87 2.03 0.00	48.82 1.61 0.00	46.45 1.61 0.00	42.46 1.15 0.00	40.91 0.96 0.00
GILBOA___3 23758	54.86 1.41 -10.53	51.67 1.41 -7.38	48.42 1.37 -4.22	48.04 1.42 -3.66	47.94 1.51 -3.34	53.50 1.44 -10.86	80.23 2.15 -19.93	84.30 2.14 -25.96	72.80 2.26 -14.14	59.68 2.19 -1.28	53.31 1.70 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.08 1.51 0.00	48.17 1.49 0.00	50.53 1.61 0.00	57.87 2.07 0.00	65.22 2.52 -2.78	59.44 2.25 -0.96	56.87 2.03 0.00	48.82 1.61 0.00	46.45 1.61 0.00	42.46 1.15 0.00	40.91 0.96 0.00

GILBOA___4 23759	54.86 1.41 -10.53	51.67 1.41 -7.38	48.42 1.37 -4.22	48.04 1.42 -3.66	47.94 1.51 -3.34	53.50 1.44 -10.86	80.23 2.15 -19.93	84.30 2.14 -25.96	72.80 2.26 -14.14	59.68 2.19 -1.28	53.31 1.70 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.08 1.51 0.00	48.17 1.49 0.00	50.53 1.61 0.00	57.87 2.07 0.00	65.22 2.52 -2.78	59.44 2.25 -0.96	56.87 2.03 0.00	48.82 1.61 0.00	46.45 1.61 0.00	42.46 1.15 0.00	40.91 0.96 0.00
GILBOA____ 23599	54.86 1.42 -10.53	51.67 1.41 -7.38	48.42 1.37 -4.22	48.04 1.42 -3.66	47.90 1.47 -3.34	53.50 1.44 -10.86	80.23 2.15 -19.93	84.30 2.14 -25.96	72.80 2.26 -14.14	59.68 2.19 -1.28	53.31 1.70 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.08 1.51 0.00	48.17 1.49 0.00	50.53 1.61 0.00	57.82 2.01 0.00	65.22 2.52 -2.78	59.49 2.31 -0.96	56.92 2.08 0.00	48.82 1.61 0.00	46.45 1.61 0.00	42.46 1.16 0.00	40.91 0.96 0.00
GINNA____ 23603	39.35 -4.25 -0.68	38.90 -4.46 -0.48	38.62 -4.50 -0.28	39.08 -4.12 -0.24	39.77 -3.71 -0.38	38.98 -3.50 -1.28	55.91 -4.60 -2.36	54.90 -4.38 -3.07	52.97 -4.34 -0.91	51.36 -5.00 -0.15	46.86 -4.75 0.00	46.23 -4.52 0.00	42.06 -4.47 0.00	44.01 -4.57 0.00	42.20 -4.48 0.00	44.17 -4.74 0.00	48.61 -5.75 1.46	55.32 -4.80 -0.19	51.12 -5.12 -0.01	47.10 -5.59 2.14	42.59 -4.63 0.00	40.30 -4.53 0.01	37.01 -4.30 0.00	36.12 -3.84 0.00
GLEN PARK____ 23778	43.63 0.13 -0.58	43.50 0.22 -0.41	43.33 0.26 -0.23	43.55 0.39 -0.20	43.88 0.60 -0.18	42.53 0.74 -0.60	60.76 1.51 -1.10	59.27 1.63 -1.43	58.70 1.52 -0.78	57.52 1.24 -0.07	52.69 1.09 0.00	51.96 1.22 0.00	47.46 0.93 0.00	49.74 1.16 0.00	47.70 1.03 0.00	50.09 1.17 0.00	57.32 1.51 0.00	61.76 1.68 -0.15	58.03 1.74 -0.05	56.26 1.42 0.00	48.25 1.04 0.00	45.47 0.63 0.00	41.68 0.37 0.00	40.36 0.40 0.00
GLENDALE_27_KV_LOAD 356172	57.16 3.43 -10.81	53.80 3.34 -7.58	50.42 3.26 -4.33	49.94 3.22 -3.76	49.93 3.40 -3.43	55.69 3.34 -11.16	83.79 5.18 -20.46	100.78 5.28 -39.29	107.48 5.47 -45.61	106.44 5.28 -44.94	56.15 4.54 0.00	55.01 4.26 0.00	52.23 4.05 -1.65	52.74 4.08 -0.09	50.78 4.01 -0.09	53.27 4.35 0.00	71.87 5.36 -10.70	77.98 6.35 -11.70	63.14 5.79 -1.12	63.13 5.37 -2.92	51.28 4.06 0.00	49.19 4.26 -0.09	44.69 3.39 0.00	42.55 2.60 0.00
GLENWOOD_IC_1_G5 23712	78.20 3.65 -31.63	54.88 3.56 -8.44	50.63 3.47 -4.32	50.36 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.88 5.47 -50.26	143.74 5.62 -81.91	136.57 5.75 -74.42	120.48 5.62 -58.65	64.59 4.54 -8.44	61.74 4.31 -6.68	61.49 4.05 -10.91	61.15 4.08 -8.49	60.53 4.01 -9.84	61.49 4.35 -8.22	70.92 5.30 -9.81	90.84 6.23 -24.67	81.58 5.68 -19.67	72.04 5.26 -11.93	62.75 4.06 -11.47	59.84 4.13 -10.88	54.59 3.59 -9.69	52.44 2.96 -9.53
GLENWOOD_IC_2_G1 23688	78.07 3.52 -31.63	54.75 3.43 -8.44	50.54 3.38 -4.32	50.27 3.39 -3.91	61.22 3.58 -14.55	69.44 3.46 -24.79	113.70 5.29 -50.26	143.52 5.40 -81.91	136.40 5.58 -74.42	120.31 5.45 -58.65	64.69 4.65 -8.44	61.84 4.41 -6.68	61.63 4.19 -10.91	61.29 4.22 -8.49	60.63 4.11 -9.84	61.54 4.40 -8.22	71.09 5.47 -9.81	90.95 6.35 -24.67	81.64 5.74 -19.67	72.09 5.32 -11.93	62.89 4.20 -11.47	59.93 4.21 -10.88	54.46 3.47 -9.69	52.32 2.84 -9.53
GLENWOOD_IC_3_G1 23689	78.07 3.52 -31.63	54.75 3.43 -8.44	50.54 3.38 -4.32	50.27 3.39 -3.91	61.22 3.58 -14.55	69.44 3.46 -24.79	113.70 5.29 -50.26	143.52 5.40 -81.91	136.40 5.58 -74.42	120.31 5.45 -58.65	64.69 4.65 -8.44	61.84 4.41 -6.68	61.63 4.19 -10.91	61.29 4.22 -8.49	60.63 4.11 -9.84	61.54 4.40 -8.22	71.09 5.47 -9.81	90.95 6.35 -24.67	81.64 5.74 -19.67	72.09 5.32 -11.93	62.89 4.20 -11.47	59.93 4.21 -10.88	54.46 3.47 -9.69	52.32 2.84 -9.53
GLENWOOD___4 23550	78.20 3.65 -31.63	54.88 3.56 -8.44	50.63 3.47 -4.32	50.36 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.88 5.47 -50.26	143.74 5.62 -81.91	136.57 5.75 -74.42	120.48 5.62 -58.65	64.74 4.70 -8.44	61.84 4.41 -6.68	61.62 4.19 -10.91	61.29 4.23 -8.49	60.63 4.11 -9.84	61.59 4.45 -8.22	71.09 5.47 -9.81	90.96 6.35 -24.67	81.69 5.79 -19.67	72.20 5.43 -11.93	62.89 4.20 -11.47	59.93 4.21 -10.88	54.59 3.59 -9.69	52.44 2.96 -9.53
GLENWOOD___5 23614	78.20 3.65 -31.63	54.88 3.56 -8.44	50.63 3.47 -4.32	50.36 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.88 5.47 -50.26	143.74 5.62 -81.91	136.57 5.75 -74.42	120.48 5.62 -58.65	64.74 4.70 -8.44	61.84 4.41 -6.68	61.62 4.19 -10.91	61.29 4.23 -8.49	60.63 4.11 -9.84	61.59 4.45 -8.22	71.09 5.47 -9.81	90.96 6.35 -24.67	81.69 5.79 -19.67	72.20 5.43 -11.93	62.89 4.20 -11.47	59.93 4.21 -10.88	54.59 3.59 -9.69	52.44 2.96 -9.53
GLOBAL GREEN_PORT_GT1 23814	80.31 5.75 -31.63	57.37 6.05 -8.44	53.03 5.87 -4.32	52.89 6.01 -3.91	63.81 6.16 -14.55	71.70 5.72 -24.79	115.51 7.09 -50.26	145.60 7.48 -81.91	138.26 7.44 -74.42	122.34 7.48 -58.65	68.15 8.10 -8.44	65.09 7.66 -6.68	64.41 6.98 -10.91	64.16 7.09 -8.49	63.43 6.91 -9.84	64.47 7.34 -8.22	74.61 8.99 -9.81	94.38 9.77 -24.67	84.67 8.77 -19.67	75.21 8.44 -11.93	65.39 6.70 -11.47	62.48 6.77 -10.88	56.45 5.45 -9.69	54.20 4.71 -9.53
GLOBE___DSASP 323697	37.41 -6.14 -0.63	36.94 -6.39 -0.45	36.72 -6.38 -0.26	36.84 -6.36 -0.23	38.09 -5.47 -0.47	37.50 -5.31 -1.62	53.68 -7.44 -2.97	52.38 -7.70 -3.87	49.63 -7.61 -0.84	48.38 -7.98 -0.16	43.92 -7.69 0.00	43.54 -7.21 0.00	39.32 -7.21 0.00	41.34 -7.24 0.00	39.35 -7.33 0.00	40.94 -7.97 0.00	45.37 -9.38 1.07	51.60 -8.51 -0.18	47.24 -9.00 -0.01	44.17 -9.10 1.57	39.89 -7.32 0.01	37.65 -7.17 0.02	35.03 -6.28 0.00	34.76 -5.19 0.00
GOETHSLN___LBMP 323567	56.55 2.83 -10.80	53.20 2.74 -7.57	49.82 2.66 -4.33	49.34 2.62 -3.76	49.32 2.80 -3.42	55.10 2.76 -11.15	82.91 4.30 -20.45	97.79 4.55 -37.03	95.40 4.68 -34.32	97.00 4.55 -36.24	55.48 3.87 0.00	54.40 3.65 0.00	51.43 3.54 -1.36	52.14 3.50 -0.07	50.25 3.50 -0.07	52.73 3.82 0.00	54.75 4.63 5.69	55.56 5.45 9.83	46.44 4.95 14.73	55.36 4.66 4.14	50.71 3.49 0.00	48.59 3.68 -0.07	44.12 2.81 0.00	42.03 2.08 0.00
GOLAH___69_KV_TB 1_2 80279	40.54 -3.05 -0.66	40.09 -3.26 -0.47	39.85 -3.26 -0.27	40.02 -3.18 -0.24	41.03 -2.46 -0.39	40.27 -2.27 -1.34	57.59 -3.02 -2.46	56.27 -3.15 -3.20	54.19 -3.10 -0.89	52.94 -3.43 -0.16	47.94 -3.66 0.00	47.34 -3.40 0.00	42.90 -3.63 0.00	44.93 -3.64 0.00	42.94 -3.73 0.00	44.71 -4.21 0.00	49.82 -4.86 1.13	56.46 -3.66 -0.18	52.03 -4.22 -0.02	48.68 -4.50 1.66	43.58 -3.64 0.01	41.24 -3.59 0.01	38.08 -3.22 0.00	37.40 -2.56 0.00
GOODYEAR_LAKE_HYD 323669	47.95 1.59 -3.44	46.88 1.59 -2.42	45.67 1.46 -1.38	45.67 1.50 -1.20	45.83 1.64 -1.09	46.48 1.73 -3.55	67.58 2.91 -6.52	67.74 3.04 -8.49	64.13 3.10 -4.63	59.49 2.87 -0.42	54.13 2.53 0.00	53.13 2.38 0.00	48.63 2.09 0.00	50.81 2.23 0.00	48.73 2.05 0.00	51.17 2.25 0.00	58.60 2.79 0.00	64.26 3.42 -0.91	59.70 3.15 -0.32	57.64 2.80 0.00	49.39 2.17 0.00	46.86 2.02 0.00	42.75 1.45 0.00	41.19 1.24 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.35 -0.13 -3.56	45.25 -0.13 -2.50	44.05 -0.21 -1.43	44.07 -0.13 -1.24	44.23 0.00 -1.13	44.95 0.08 -3.67	65.42 0.52 -6.74	65.61 0.62 -8.78	61.86 0.68 -4.79	57.09 0.45 -0.43	52.12 0.52 0.00	51.20 0.46 0.00	46.81 0.28 0.00	48.91 0.34 0.00	46.96 0.28 0.00	49.21 0.29 0.00	56.41 0.45 -0.16	61.71 0.84 -0.94	57.29 0.73 -0.34	55.51 0.44 -0.23	47.50 0.28 0.00	45.06 0.22 0.00	41.27 -0.04 0.00	39.96 0.00 0.00
GOUDEY___7 23579	46.40 -0.09 -3.56	45.29 -0.09 -2.50	44.09 -0.17 -1.43	44.07 -0.13 -1.24	44.23 0.00 -1.13	44.99 0.12 -3.67	65.48 0.58 -6.74	65.67 0.67 -8.78	61.92 0.73 -4.79	57.14 0.51 -0.43	52.17 0.57 0.00	51.25 0.51 0.00	46.86 0.33 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.26 0.34 0.00	56.47 0.50 -0.16	61.77 0.90 -0.94	57.35 0.79 -0.34	55.57 0.49 -0.23	47.55 0.33 0.00	45.11 0.27 0.00	41.27 -0.04 0.00	40.00 0.04 0.00
GOUDEY___8 23580	46.35 -0.13 -3.56	45.25 -0.13 -2.50	44.05 -0.21 -1.43	44.07 -0.13 -1.24	44.23 0.00 -1.13	44.95 0.08 -3.67	65.42 0.52 -6.74	65.61 0.62 -8.78	61.86 0.68 -4.79	57.09 0.45 -0.43	52.12 0.52 0.00	51.20 0.46 0.00	46.81 0.28 0.00	48.91 0.34 0.00	46.96 0.28 0.00	49.21 0.29 0.00	56.41 0.45 -0.16	61.71 0.84 -0.94	57.29 0.73 -0.34	55.51 0.44 -0.23	47.50 0.28 0.00	45.06 0.22 0.00	41.27 -0.04 0.00	39.96 0.00 0.00
GOWANUS_GT1_1 24077	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT1_2 24078	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT1_3 24079	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT1_4 24080	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT1_5 24084	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT1_6 24111	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT1_7 24112	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT1_8 24113	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT2_1 24114	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT2_2 24115	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT2_3 24116	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT2_4 24117	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00

GOWANUS_GT2_5 24118	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT2_6 24119	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT2_7 24120	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT2_8 24121	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_1 24122	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_2 24123	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_3 24124	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_4 24125	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_5 24126	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_6 24127	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_7 24128	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT3_8 24129	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
GOWANUS_GT4_1 24130	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT4_2 24131	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT4_3 24132	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00

GOWANUS_GT4_4 24133	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT4_5 24134	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT4_6 24135	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT4_7 24136	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GOWANUS_GT4_8 24137	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GREENBSH_115KV_TB3 55895	58.17 1.93 -13.32	54.15 1.93 -9.34	50.05 1.88 -5.33	49.53 1.93 -4.63	49.30 1.98 -4.22	56.83 1.89 -13.74	85.92 2.56 -25.21	91.19 2.14 -32.84	76.66 2.37 -17.90	60.19 2.36 -1.62	53.10 1.50 0.00	52.16 1.42 0.00	47.97 1.44 0.00	49.98 1.41 0.00	48.08 1.40 0.00	50.29 1.37 0.00	57.37 1.56 0.00	65.36 1.92 -3.51	59.24 1.80 -1.22	56.49 1.65 0.00	48.63 1.42 0.00	46.27 1.43 0.00	42.30 0.99 0.00	41.03 1.08 0.00
GREENDGE_115KV_TB5 80291	40.64 -1.33 0.95	40.86 -1.37 0.65	41.03 -1.46 0.35	41.34 -1.33 0.29	42.69 -0.99 -0.58	42.61 -0.78 -2.20	61.60 -0.58 -4.03	61.12 -0.34 -5.25	54.76 -0.34 1.30	55.84 -0.62 -0.25	51.09 -0.52 0.00	50.19 -0.56 0.00	45.69 -0.84 0.00	47.89 -0.68 0.00	45.84 -0.84 0.00	47.94 -0.98 0.00	54.73 -1.17 -0.09	59.30 -0.42 0.21	55.48 -0.62 0.13	53.96 -1.04 -0.16	46.30 -0.90 0.02	43.61 -1.17 0.06	40.11 -1.20 0.00	39.16 -0.80 0.00
GREENIDGE___3 23582	40.64 -1.33 0.95	40.86 -1.37 0.65	41.03 -1.46 0.35	41.34 -1.33 0.29	42.69 -0.99 -0.58	42.61 -0.78 -2.20	61.60 -0.58 -4.03	61.12 -0.34 -5.25	54.76 -0.34 1.30	55.84 -0.62 -0.25	51.09 -0.52 0.00	50.19 -0.56 0.00	45.69 -0.84 0.00	47.89 -0.68 0.00	45.84 -0.84 0.00	47.94 -0.98 0.00	54.73 -1.17 -0.09	59.30 -0.42 0.21	55.48 -0.62 0.13	53.96 -1.04 -0.16	46.30 -0.90 0.02	43.61 -1.17 0.06	40.11 -1.20 0.00	39.16 -0.80 0.00
GREENIDGE___4 23583	40.59 -1.38 0.95	40.81 -1.41 0.65	41.03 -1.46 0.35	41.38 -1.29 0.29	42.73 -0.95 -0.58	42.65 -0.74 -2.20	61.60 -0.58 -4.03	61.13 -0.34 -5.25	54.77 -0.34 1.30	55.79 -0.67 -0.25	51.09 -0.52 0.00	50.19 -0.56 0.00	45.70 -0.84 0.00	47.89 -0.68 0.00	45.88 -0.79 0.00	48.04 -0.88 0.00	54.78 -1.12 -0.09	59.31 -0.42 0.21	55.25 -0.84 0.13	53.68 -1.32 -0.16	46.25 -0.94 0.03	43.52 -1.26 0.06	40.19 -1.11 0.00	39.16 -0.80 0.00
GREENLWN_69_KV_BK 3 55738	78.37 3.82 -31.63	55.09 3.77 -8.44	50.80 3.64 -4.32	50.61 3.74 -3.91	61.53 3.88 -14.55	69.73 3.75 -24.79	114.00 5.58 -50.26	143.97 5.85 -81.91	136.80 5.98 -74.42	120.65 5.79 -58.65	63.71 3.66 -8.44	61.74 4.31 -6.68	61.53 4.09 -10.91	61.54 4.47 -8.49	60.95 4.43 -9.84	61.59 4.45 -8.22	69.35 3.74 -9.80	88.98 4.37 -24.67	79.78 3.88 -19.67	70.34 3.56 -11.93	62.42 3.73 -11.47	60.51 4.80 -10.88	54.84 3.84 -9.69	52.60 3.12 -9.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.09 -3.76	49.89 3.36 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.96 4.21 0.00	52.14 3.96 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.22 4.30 0.00	71.92 5.41 -10.70	100.81 6.41 -34.47	142.85 5.90 -80.72	70.78 5.43 -10.51	51.23 4.01 0.00	49.14 4.21 -0.09	44.65 3.35 0.00	42.43 2.48 0.00
GRISSOM___SOLAR 323813	62.29 4.25 -15.12	57.76 4.29 -10.60	52.91 4.03 -6.05	52.44 4.21 -5.26	51.98 4.10 -4.79	61.28 4.49 -15.59	93.68 6.92 -28.61	100.62 7.14 -37.27	83.87 7.16 -20.31	64.73 6.69 -1.84	57.44 5.83 0.00	55.77 5.02 0.00	51.33 4.79 0.00	54.01 5.44 0.00	51.62 4.95 0.00	54.30 5.38 0.00	62.39 6.58 0.00	71.53 7.61 -3.99	64.75 7.14 -1.38	61.25 6.41 0.00	52.74 5.52 0.00	49.54 4.71 0.00	45.19 3.88 0.00	43.35 3.39 0.00
GROVEVILLE___HYD 323602	56.69 2.83 -10.94	53.34 2.79 -7.67	49.96 2.74 -4.38	49.48 2.71 -3.81	49.41 2.84 -3.47	55.21 2.72 -11.30	83.01 4.13 -20.73	87.37 4.16 -27.00	75.63 4.46 -14.77	61.82 4.27 -1.34	55.22 3.61 0.00	54.14 3.40 0.00	49.65 3.12 0.00	51.63 3.06 0.00	49.76 3.08 0.00	52.39 3.47 0.00	60.11 4.30 0.00	67.98 5.15 -2.90	61.84 4.61 -1.00	59.06 4.22 0.00	50.52 3.31 0.00	48.20 3.36 0.00	43.87 2.56 0.00	41.99 2.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.17 -0.86 -1.10	42.79 -0.86 -0.77	42.33 -0.94 -0.44	42.49 -0.86 -0.38	42.80 -0.65 -0.35	41.80 -0.54 -1.14	59.77 -0.47 -2.09	58.59 -0.34 -2.72	57.65 -0.23 -1.48	56.01 -0.34 -0.13	51.09 -0.52 0.00	50.19 -0.56 0.00	45.97 -0.56 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.29 -0.73 -0.21	59.98 -0.24 -0.29	55.95 -0.39 -0.11	54.49 -0.66 -0.30	46.65 -0.57 0.00	44.17 -0.67 0.00	40.48 -0.83 0.00	39.24 -0.72 0.00
HAMLTNNY_34_KV_TB 80303	43.19 -0.90 -1.17	42.76 -0.94 -0.82	42.32 -0.99 -0.47	42.43 -0.95 -0.41	42.78 -0.69 -0.37	41.83 -0.58 -1.21	60.02 -0.35 -2.22	58.88 -0.22 -2.89	57.80 -0.17 -1.57	56.07 -0.28 -0.14	51.14 -0.46 0.00	50.29 -0.46 0.00	45.97 -0.56 0.00	48.04 -0.53 0.00	46.12 -0.56 0.00	48.33 -0.59 0.00	55.26 -0.78 -0.23	60.06 -0.18 -0.31	55.90 -0.45 -0.12	54.47 -0.71 -0.34	46.65 -0.57 0.00	44.12 -0.72 0.00	40.48 -0.83 0.00	39.24 -0.72 0.00

HAMPSHIRE___PAPER_HYD 323593	42.53 -0.69 -0.30	42.53 -0.56 -0.21	42.61 -0.34 -0.12	42.77 -0.30 -0.10	42.89 -0.30 -0.09	41.09 -0.41 -0.31	57.95 -0.76 -0.56	56.38 -0.56 -0.73	56.18 -0.62 -0.40	55.63 -0.62 -0.04	51.25 -0.36 0.00	50.85 0.10 0.00	46.72 0.19 0.00	48.92 0.34 0.00	46.96 0.28 0.00	49.21 0.30 0.00	55.92 0.11 0.00	58.81 -1.20 -0.08	55.86 -0.39 -0.03	54.46 -0.38 0.00	46.84 -0.38 0.00	44.30 -0.54 0.00	41.18 -0.12 0.00	40.04 0.08 0.00
HARDSCRABBLE_WT_PWR 323673	44.25 1.33 0.00	44.21 1.33 0.00	44.12 1.28 0.00	44.30 1.33 0.00	44.52 1.42 0.00	42.68 1.48 0.00	60.54 2.39 0.00	58.57 2.36 0.00	58.94 2.54 0.00	58.80 2.59 0.00	53.93 2.32 0.00	53.03 2.29 0.00	48.67 2.14 0.00	50.81 2.24 0.00	48.78 2.10 0.00	51.07 2.15 0.00	58.38 2.57 0.00	62.93 3.00 0.00	58.93 2.70 0.00	57.36 2.52 0.00	49.25 2.03 0.00	46.63 1.80 0.00	42.71 1.41 0.00	41.23 1.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	55.55 2.45 -10.19	52.42 2.40 -7.14	49.27 2.36 -4.08	48.87 2.36 -3.54	48.82 2.50 -3.23	54.14 2.43 -10.51	81.10 3.66 -19.29	85.10 3.77 -25.13	74.02 3.95 -13.67	61.21 3.77 -1.24	54.86 3.25 0.00	53.79 3.04 0.00	49.39 2.84 -0.02	51.39 2.82 0.00	49.48 2.80 0.00	52.10 3.18 0.00	59.80 3.91 -0.09	67.42 4.73 -2.75	61.43 4.27 -0.93	58.76 3.89 -0.03	50.19 2.97 0.00	47.89 3.05 0.00	43.66 2.35 0.00	41.75 1.80 0.00
HARSNRAD_115KV_TB1 81005	38.05 -5.49 -0.63	37.58 -5.75 -0.44	37.36 -5.74 -0.26	37.48 -5.71 -0.23	38.43 -5.13 -0.46	37.89 -4.90 -1.60	54.51 -6.57 -2.93	53.06 -6.97 -3.82	50.30 -6.94 -0.84	49.06 -7.31 -0.16	44.79 -6.81 0.00	44.35 -6.39 0.00	40.06 -6.47 0.00	42.11 -6.46 0.00	40.10 -6.58 0.00	41.73 -7.19 0.00	46.36 -8.37 1.08	52.50 -7.61 -0.18	48.25 -7.98 -0.01	45.08 -8.17 1.59	40.60 -6.61 0.01	38.50 -6.32 0.02	35.69 -5.62 0.00	35.48 -4.48 0.00
HARZA MOOSE___RIVER 24016	43.75 0.43 -0.40	43.71 0.56 -0.28	43.76 0.77 -0.16	43.92 0.82 -0.14	44.17 0.95 -0.13	42.63 1.03 -0.41	60.64 1.74 -0.75	58.98 1.80 -0.97	58.73 1.80 -0.53	57.89 1.63 -0.05	53.05 1.44 0.00	52.21 1.47 0.00	47.83 1.30 0.00	50.03 1.46 0.00	48.03 1.35 0.00	50.34 1.42 0.00	57.54 1.73 0.00	61.83 1.80 -0.10	58.06 1.80 -0.04	56.43 1.59 0.00	48.45 1.23 0.00	45.82 0.99 0.00	42.05 0.74 0.00	40.72 0.76 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.72 -1.20 -1.00	42.34 -1.24 -0.70	41.95 -1.29 -0.40	42.07 -1.25 -0.35	42.38 -1.03 -0.32	41.32 -0.91 -1.03	59.06 -0.99 -1.90	57.84 -0.84 -2.47	56.96 -0.79 -1.35	55.49 -0.84 -0.12	50.63 -0.98 0.00	49.73 -1.01 0.00	45.51 -1.02 0.00	47.55 -1.02 0.00	45.65 -1.03 0.00	47.84 -1.08 0.00	54.58 -1.23 0.00	59.42 -0.78 -0.26	55.37 -0.96 -0.10	53.63 -1.21 0.00	46.23 -0.99 0.00	43.76 -1.08 0.00	40.15 -1.16 0.00	38.88 -1.08 0.00
HELLGATE_13_KV_LD 55870	57.04 3.30 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.86 3.14 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.25 5.25 -45.60	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.50 3.84 -0.09	50.55 3.78 -0.09	53.07 4.16 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.86 5.51 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	57.04 3.30 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.86 3.14 -3.76	49.80 3.28 -3.43	55.56 3.21 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.25 5.25 -45.60	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.50 3.84 -0.09	50.55 3.78 -0.09	53.07 4.16 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.86 5.51 -1.12	62.86 5.10 -2.92	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
HEMPSTEAD____ 23647	78.03 3.48 -31.63	54.67 3.35 -8.44	50.46 3.30 -4.32	50.23 3.35 -3.91	61.14 3.49 -14.55	69.36 3.38 -24.79	113.59 5.17 -50.26	143.40 5.28 -81.91	136.29 5.47 -74.42	120.20 5.34 -58.65	64.59 4.54 -8.44	61.74 4.31 -6.68	61.53 4.10 -10.91	61.19 4.13 -8.49	60.53 4.01 -9.84	61.49 4.35 -8.22	70.98 5.36 -9.81	90.84 6.23 -24.67	81.52 5.62 -19.67	71.99 5.21 -11.93	62.80 4.11 -11.47	59.84 4.12 -10.88	54.42 3.43 -9.69	52.28 2.80 -9.53
HEWLETT__69_KV_BK3 55828	78.33 3.78 -31.63	55.01 3.69 -8.44	50.71 3.56 -4.32	50.49 3.61 -3.91	61.40 3.75 -14.55	69.65 3.67 -24.79	114.05 5.64 -50.26	143.85 5.73 -81.91	136.69 5.87 -74.42	120.59 5.73 -58.65	65.10 5.06 -8.44	62.20 4.77 -6.68	61.95 4.51 -10.91	61.59 4.52 -8.49	60.95 4.43 -9.84	61.93 4.79 -8.22	71.48 5.86 -9.81	91.44 6.83 -24.67	82.19 6.30 -19.67	72.64 5.87 -11.93	63.27 4.58 -11.47	60.29 4.57 -10.88	54.67 3.68 -9.69	52.52 3.04 -9.53
HICKLING___1 23621	40.94 -1.67 0.30	41.01 -1.67 0.19	40.99 -1.76 0.09	41.26 -1.63 0.07	42.37 -1.51 -0.78	42.75 -1.28 -2.84	62.25 -1.10 -5.21	61.98 -1.01 -6.78	55.02 -0.96 0.42	55.24 -1.29 -0.32	50.88 -0.72 0.00	50.03 -0.71 0.00	45.51 -1.02 0.00	47.70 -0.87 0.00	45.65 -1.03 0.00	47.69 -1.22 0.00	53.10 -1.17 1.54	59.00 -0.90 0.04	55.20 -0.90 0.13	51.34 -1.26 2.24	46.06 -1.13 0.02	43.57 -1.21 0.06	39.94 -1.36 0.00	38.92 -1.04 0.00
HICKLING___2 23622	40.94 -1.67 0.30	41.01 -1.67 0.19	40.99 -1.76 0.09	41.26 -1.63 0.07	42.37 -1.51 -0.78	42.75 -1.28 -2.84	62.25 -1.10 -5.21	61.98 -1.01 -6.78	55.02 -0.96 0.42	55.24 -1.29 -0.32	50.88 -0.72 0.00	50.03 -0.71 0.00	45.51 -1.02 0.00	47.70 -0.87 0.00	45.65 -1.03 0.00	47.69 -1.22 0.00	53.10 -1.17 1.54	59.00 -0.90 0.04	55.20 -0.90 0.13	51.34 -1.26 2.24	46.06 -1.13 0.02	43.57 -1.21 0.06	39.94 -1.36 0.00	38.92 -1.04 0.00
HIGH FALLS___HY 23754	56.26 2.53 -10.81	52.90 2.44 -7.58	49.56 2.40 -4.33	49.13 2.41 -3.76	49.07 2.54 -3.43	54.82 2.47 -11.16	82.58 3.95 -20.47	86.87 3.99 -26.67	75.20 4.23 -14.57	61.52 3.99 -1.32	55.12 3.51 0.00	53.99 3.25 0.00	49.14 2.61 0.00	51.15 2.57 0.00	49.34 2.66 0.00	52.05 3.13 0.00	59.77 3.96 0.00	67.65 4.85 -2.86	61.49 4.27 -0.99	58.68 3.84 0.00	50.43 3.21 0.00	48.16 3.32 0.00	43.83 2.52 0.00	41.83 1.88 0.00
HILLBURN___GT 23639	55.68 2.45 -10.32	52.47 2.36 -7.23	49.32 2.35 -4.13	48.91 2.36 -3.59	48.91 2.54 -3.27	54.27 2.43 -10.65	81.41 3.72 -19.53	85.59 3.93 -25.45	74.30 4.06 -13.84	61.39 3.93 -1.25	55.01 3.41 0.00	53.94 3.20 0.00	49.57 3.02 -0.02	51.59 3.01 0.00	49.67 2.99 0.00	52.19 3.28 0.00	60.04 4.13 -0.10	67.65 4.92 -2.80	61.56 4.39 -0.94	58.87 4.00 -0.03	50.33 3.12 0.00	47.98 3.14 0.00	43.74 2.44 0.00	41.79 1.84 0.00
HILLSIDE_115KV_TB1 80332	40.94 -1.93 0.05	40.93 -1.93 0.02	40.84 -2.01 -0.01	41.05 -1.93 -0.02	42.06 -1.85 -0.82	42.50 -1.65 -2.95	61.82 -1.74 -5.41	61.58 -1.69 -7.05	54.63 -1.69 0.08	54.52 -2.02 -0.34	50.26 -1.34 0.00	49.37 -1.37 0.00	45.00 -1.54 0.00	47.12 -1.46 0.00	45.09 -1.59 0.00	47.20 -1.71 0.00	52.61 -1.73 1.47	58.34 -1.62 -0.03	54.61 -1.52 0.10	50.89 -1.81 2.14	45.59 -1.61 0.02	43.17 -1.61 0.06	39.61 -1.69 0.00	38.56 -1.40 0.00

HISHELDN_WT_PWR 323625	38.93 -4.46 -0.47	38.59 -4.63 -0.34	38.46 -4.58 -0.21	38.72 -4.42 -0.18	39.59 -4.05 -0.55	39.37 -3.75 -1.92	56.80 -4.88 -3.53	55.80 -5.00 -4.60	52.07 -4.96 -0.63	51.07 -5.34 -0.20	47.17 -4.44 0.00	46.58 -4.16 0.00	42.16 -4.38 0.00	44.30 -4.27 0.00	42.20 -4.48 0.00	44.17 -4.74 0.00	49.24 -5.47 1.10	54.80 -5.27 -0.14	50.36 -5.85 0.01	47.14 -6.09 1.61	42.53 -4.68 0.01	40.06 -4.75 0.03	37.18 -4.13 0.00	36.56 -3.40 0.00
HOLTSVILLE_IC_1 23690	78.84 4.29 -31.63	55.70 4.38 -8.44	51.44 4.28 -4.32	51.26 4.38 -3.91	62.17 4.52 -14.55	70.22 4.24 -24.79	114.17 5.76 -50.26	144.14 6.02 -81.91	136.86 6.04 -74.42	120.82 5.96 -58.65	65.93 5.88 -8.44	63.06 5.63 -6.68	62.65 5.21 -10.91	62.41 5.34 -8.49	61.75 5.23 -9.84	62.71 5.57 -8.22	72.37 6.75 -9.81	92.03 7.43 -24.67	82.53 6.63 -19.67	73.19 6.41 -11.93	63.84 5.15 -11.47	60.96 5.24 -10.88	55.16 4.17 -9.69	52.96 3.47 -9.53
HOLTSVILLE_IC_10 23699	79.06 4.51 -31.63	55.95 4.63 -8.44	51.66 4.50 -4.32	51.48 4.60 -3.91	62.39 4.74 -14.55	70.47 4.49 -24.79	114.40 5.99 -50.26	144.41 6.29 -81.91	137.14 6.32 -74.42	121.15 6.29 -58.65	66.29 6.24 -8.44	63.41 5.98 -6.68	62.97 5.53 -10.91	62.70 5.63 -8.49	62.07 5.55 -9.84	63.00 5.87 -8.22	72.77 7.15 -9.81	92.39 7.79 -24.67	82.81 6.91 -19.67	73.52 6.74 -11.93	64.12 5.43 -11.47	61.27 5.56 -10.88	55.42 4.42 -9.69	53.20 3.72 -9.53
HOLTSVILLE_IC_2 23691	78.84 4.29 -31.63	55.70 4.38 -8.44	51.44 4.28 -4.32	51.26 4.38 -3.91	62.17 4.52 -14.55	70.22 4.24 -24.79	114.17 5.76 -50.26	144.14 6.02 -81.91	136.86 6.04 -74.42	120.82 5.96 -58.65	65.93 5.88 -8.44	63.06 5.63 -6.68	62.65 5.21 -10.91	62.41 5.34 -8.49	61.75 5.23 -9.84	62.71 5.57 -8.22	72.37 6.75 -9.81	92.03 7.43 -24.67	82.53 6.63 -19.67	73.19 6.41 -11.93	63.84 5.15 -11.47	60.96 5.24 -10.88	55.16 4.17 -9.69	52.96 3.47 -9.53
HOLTSVILLE_IC_3 23692	78.84 4.29 -31.63	55.70 4.38 -8.44	51.44 4.28 -4.32	51.26 4.38 -3.91	62.17 4.52 -14.55	70.22 4.24 -24.79	114.17 5.76 -50.26	144.14 6.02 -81.91	136.86 6.04 -74.42	120.82 5.96 -58.65	65.93 5.88 -8.44	63.06 5.63 -6.68	62.65 5.21 -10.91	62.41 5.34 -8.49	61.75 5.23 -9.84	62.71 5.57 -8.22	72.37 6.75 -9.81	92.03 7.43 -24.67	82.53 6.63 -19.67	73.19 6.41 -11.93	63.84 5.15 -11.47	60.96 5.24 -10.88	55.16 4.17 -9.69	52.96 3.47 -9.53
HOLTSVILLE_IC_4 23693	78.84 4.29 -31.63	55.70 4.38 -8.44	51.44 4.28 -4.32	51.26 4.38 -3.91	62.17 4.52 -14.55	70.22 4.24 -24.79	114.17 5.76 -50.26	144.14 6.02 -81.91	136.86 6.04 -74.42	120.82 5.96 -58.65	65.93 5.88 -8.44	63.06 5.63 -6.68	62.65 5.21 -10.91	62.41 5.34 -8.49	61.75 5.23 -9.84	62.71 5.57 -8.22	72.37 6.75 -9.81	92.03 7.43 -24.67	82.53 6.63 -19.67	73.19 6.41 -11.93	63.84 5.15 -11.47	60.96 5.24 -10.88	55.16 4.17 -9.69	52.96 3.47 -9.53
HOLTSVILLE_IC_5 23694	78.84 4.29 -31.63	55.70 4.38 -8.44	51.44 4.28 -4.32	51.26 4.38 -3.91	62.17 4.52 -14.55	70.22 4.24 -24.79	114.17 5.76 -50.26	144.14 6.02 -81.91	136.86 6.04 -74.42	120.82 5.96 -58.65	65.93 5.88 -8.44	63.06 5.63 -6.68	62.65 5.21 -10.91	62.41 5.34 -8.49	61.75 5.23 -9.84	62.71 5.57 -8.22	72.37 6.75 -9.81	92.03 7.43 -24.67	82.53 6.63 -19.67	73.19 6.41 -11.93	63.84 5.15 -11.47	60.96 5.24 -10.88	55.16 4.17 -9.69	52.96 3.47 -9.53
HOLTSVILLE_IC_6 23695	79.06 4.51 -31.63	55.95 4.63 -8.44	51.66 4.50 -4.32	51.48 4.60 -3.91	62.39 4.74 -14.55	70.47 4.49 -24.79	114.40 5.99 -50.26	144.41 6.29 -81.91	137.14 6.32 -74.42	121.15 6.29 -58.65	66.29 6.24 -8.44	63.41 5.98 -6.68	62.97 5.53 -10.91	62.70 5.63 -8.49	62.07 5.55 -9.84	63.00 5.87 -8.22	72.77 7.15 -9.81	92.39 7.79 -24.67	82.81 6.91 -19.67	73.52 6.74 -11.93	64.12 5.43 -11.47	61.27 5.56 -10.88	55.42 4.42 -9.69	53.20 3.72 -9.53
HOLTSVILLE_IC_7 23696	79.06 4.51 -31.63	55.95 4.63 -8.44	51.66 4.50 -4.32	51.48 4.60 -3.91	62.39 4.74 -14.55	70.47 4.49 -24.79	114.40 5.99 -50.26	144.41 6.29 -81.91	137.14 6.32 -74.42	121.15 6.29 -58.65	66.29 6.24 -8.44	63.41 5.98 -6.68	62.97 5.53 -10.91	62.70 5.63 -8.49	62.07 5.55 -9.84	63.00 5.87 -8.22	72.77 7.15 -9.81	92.39 7.79 -24.67	82.81 6.91 -19.67	73.52 6.74 -11.93	64.12 5.43 -11.47	61.27 5.56 -10.88	55.42 4.42 -9.69	53.20 3.72 -9.53
HOLTSVILLE_IC_8 23697	79.06 4.51 -31.63	55.95 4.63 -8.44	51.66 4.50 -4.32	51.48 4.60 -3.91	62.39 4.74 -14.55	70.47 4.49 -24.79	114.40 5.99 -50.26	144.41 6.29 -81.91	137.14 6.32 -74.42	121.15 6.29 -58.65	66.29 6.24 -8.44	63.41 5.98 -6.68	62.97 5.53 -10.91	62.70 5.63 -8.49	62.07 5.55 -9.84	63.00 5.87 -8.22	72.77 7.15 -9.81	92.39 7.79 -24.67	82.81 6.91 -19.67	73.52 6.74 -11.93	64.12 5.43 -11.47	61.27 5.56 -10.88	55.42 4.42 -9.69	53.20 3.72 -9.53
HOLTSVILLE_IC_9 23698	79.06 4.51 -31.63	55.95 4.63 -8.44	51.66 4.50 -4.32	51.48 4.60 -3.91	62.39 4.74 -14.55	70.47 4.49 -24.79	114.40 5.99 -50.26	144.41 6.29 -81.91	137.14 6.32 -74.42	121.15 6.29 -58.65	66.29 6.24 -8.44	63.41 5.98 -6.68	62.97 5.53 -10.91	62.70 5.63 -8.49	62.07 5.55 -9.84	63.00 5.87 -8.22	72.77 7.15 -9.81	92.39 7.79 -24.67	82.81 6.91 -19.67	73.52 6.74 -11.93	64.12 5.43 -11.47	61.27 5.56 -10.88	55.42 4.42 -9.69	53.20 3.72 -9.53
HOMER_HL_115KV_TB2 355744	38.87 -4.59 -0.54	38.81 -4.46 -0.39	38.36 -4.71 -0.23	38.49 -4.68 -0.21	38.23 -5.43 -0.56	38.21 -4.94 -1.96	55.40 -6.34 -3.59	54.48 -6.41 -4.67	50.81 -6.32 -0.73	49.61 -6.80 -0.20	47.84 -3.77 0.00	47.09 -3.65 0.00	42.62 -3.91 0.00	44.78 -3.79 0.00	42.66 -4.01 0.00	44.47 -4.45 0.00	50.87 -3.85 1.09	53.92 -6.17 -0.16	51.95 -4.27 0.01	48.91 -4.33 1.59	42.91 -4.30 0.01	41.05 -3.77 0.03	37.51 -3.80 0.00	36.68 -3.28 0.00
HOWARD_WT_PWR 323690	39.69 -2.62 0.61	39.85 -2.62 0.41	40.06 -2.57 0.21	40.38 -2.41 0.18	41.74 -1.98 -0.63	41.89 -1.61 -2.31	60.93 -1.45 -4.23	60.37 -1.35 -5.51	54.38 -1.19 0.83	55.06 -1.40 -0.26	50.68 -0.93 0.00	49.83 -0.91 0.00	45.28 -1.25 0.00	47.50 -1.07 0.00	45.37 -1.31 0.00	47.50 -1.42 0.00	52.83 -1.56 1.42	58.61 -1.20 0.12	54.22 -1.85 0.15	50.52 -2.25 2.07	45.59 -1.61 0.02	42.77 -2.02 0.05	39.45 -1.86 0.00	38.52 -1.44 0.00
HQ_GEN_CEDARS 23644	42.75 -0.17 0.00	42.79 -0.09 0.00	42.84 0.00 0.00	43.01 0.04 0.00	42.92 -0.17 0.00	40.91 -0.29 0.00	57.34 -0.81 0.00	55.42 -0.79 0.00	55.50 -0.90 0.00	55.48 -0.73 0.00	51.50 -0.10 0.00	50.95 0.20 0.00	46.81 0.28 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.16 0.24 0.00	55.86 0.06 0.00	57.71 -2.22 0.00	55.55 -0.67 0.00	54.40 -0.44 0.00	47.03 -0.19 0.00	44.57 -0.27 0.00	41.68 0.37 0.00	40.48 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	42.75 -0.17 0.00	42.79 -0.09 0.00	42.84 0.00 0.00	42.96 0.00 0.00	42.92 -0.17 0.00	42.88 -0.29 -1.97	55.31 -0.87 1.97	55.42 -0.79 0.00	55.49 -0.90 0.00	55.59 -0.62 0.00	51.50 -0.10 0.00	50.95 0.20 0.00	46.77 0.23 0.00	48.96 0.39 0.00	47.01 0.33 0.00	49.16 0.25 0.00	55.81 0.00 0.00	57.71 -2.22 0.00	55.61 -0.62 0.00	54.51 -0.33 0.00	47.03 -0.19 0.00	44.61 -0.22 0.00	41.68 0.37 0.00	40.47 0.52 0.00

HQ_GEN_IMPORT 323601	42.75 -0.17 0.00	42.75 -0.13 0.00	42.75 -0.09 0.00	42.75 -0.21 0.00	42.75 -0.35 0.00	42.75 -0.41 -1.97	55.37 -0.81 1.97	55.37 -0.84 0.00	55.44 -0.96 0.00	55.37 -0.79 0.05	51.30 -0.36 -0.05	50.49 -0.25 0.00	46.30 -0.23 0.00	48.38 -0.19 0.00	46.49 -0.19 0.00	48.67 -0.24 0.00	55.36 -0.45 0.00	58.79 -1.14 0.00	55.44 -0.79 0.00	54.40 -0.44 0.00	46.89 -0.33 0.00	43.17 -0.31 1.36	42.75 0.08 -1.36	40.12 0.16 0.00
HQ_GEN_WHEEL 23651	42.75 -0.17 0.00	42.75 -0.13 0.00	42.75 -0.09 0.00	42.75 -0.21 0.00	42.75 -0.35 0.00	42.75 -0.41 -1.97	55.37 -0.81 1.97	55.37 -0.84 0.00	55.44 -0.96 0.00	55.37 -0.79 0.05	51.30 -0.36 -0.05	50.49 -0.25 0.00	46.30 -0.23 0.00	48.38 -0.19 0.00	46.49 -0.19 0.00	48.67 -0.24 0.00	55.36 -0.45 0.00	58.79 -1.14 0.00	55.44 -0.79 0.00	54.40 -0.44 0.00	46.89 -0.33 0.00	43.17 -0.31 1.36	42.75 0.08 -1.36	40.12 0.16 0.00
HUDSON AVE_GT_3 23810	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.35 3.01 -11.15	83.26 4.65 -20.45	98.13 4.89 -37.03	96.94 5.02 -35.52	98.25 4.89 -37.15	55.84 4.23 0.00	54.70 3.96 0.00	51.71 3.82 -1.36	52.44 3.79 -0.07	50.53 3.78 -0.07	53.03 4.11 0.00	69.66 5.02 -8.83	75.95 5.87 -10.15	62.66 5.34 -1.10	62.24 4.99 -2.41	50.99 3.78 0.00	48.86 3.95 -0.07	44.36 3.06 0.00	42.27 2.32 0.00
HUDSON AVE_GT_4 23540	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.35 3.01 -11.15	83.26 4.65 -20.45	98.13 4.89 -37.03	96.94 5.02 -35.52	98.25 4.89 -37.15	55.84 4.23 0.00	54.70 3.96 0.00	51.71 3.82 -1.36	52.44 3.79 -0.07	50.53 3.78 -0.07	53.03 4.11 0.00	69.66 5.02 -8.83	75.95 5.87 -10.15	62.66 5.34 -1.10	62.24 4.99 -2.41	50.99 3.78 0.00	48.86 3.95 -0.07	44.36 3.06 0.00	42.27 2.32 0.00
HUDSON AVE_GT_5 23657	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.35 3.01 -11.15	83.26 4.65 -20.45	98.13 4.89 -37.03	96.94 5.02 -35.52	98.25 4.89 -37.15	55.84 4.23 0.00	54.70 3.96 0.00	51.71 3.82 -1.36	52.44 3.79 -0.07	50.53 3.78 -0.07	53.03 4.11 0.00	69.66 5.02 -8.83	75.95 5.87 -10.15	62.66 5.34 -1.10	62.24 4.99 -2.41	50.99 3.78 0.00	48.86 3.95 -0.07	44.36 3.06 0.00	42.27 2.32 0.00
HUDSON_AVE_10 24168	56.77 3.05 -10.80	53.37 2.92 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.27 2.92 -11.15	83.20 4.59 -20.45	98.13 4.89 -37.03	96.99 5.08 -35.52	98.30 4.95 -37.15	55.79 4.18 0.00	54.70 3.96 0.00	51.71 3.82 -1.36	52.44 3.79 -0.07	50.53 3.78 -0.07	52.98 4.06 0.00	69.66 5.02 -8.83	75.95 5.87 -10.15	62.66 5.34 -1.10	62.24 4.99 -2.41	50.99 3.78 0.00	48.86 3.95 -0.07	44.32 3.02 0.00	42.23 2.28 0.00
HUDSON___115KV_TB 4 355613	58.40 2.49 -12.99	54.43 2.44 -9.11	50.39 2.36 -5.20	49.93 2.45 -4.52	49.63 2.41 -4.12	57.03 2.43 -13.40	85.94 3.20 -24.59	90.83 2.59 -32.03	76.74 2.88 -17.46	60.66 2.87 -1.58	53.62 2.01 0.00	52.72 1.98 0.00	48.39 1.86 0.00	50.42 1.85 0.00	48.50 1.82 0.00	50.82 1.91 0.00	58.10 2.29 0.00	65.94 2.58 -3.43	59.94 2.53 -1.19	57.20 2.36 0.00	49.29 2.08 0.00	46.81 1.97 0.00	42.75 1.45 0.00	41.63 1.68 0.00
HUNTER MOUNT___DRP 323613	58.09 2.53 -12.64	54.22 2.49 -8.86	50.29 2.40 -5.06	49.81 2.45 -4.40	49.56 2.46 -4.00	56.70 2.47 -13.04	85.38 3.31 -23.92	89.95 2.59 -31.16	76.32 2.93 -16.99	60.61 2.87 -1.54	53.67 2.06 0.00	52.77 2.03 0.00	48.39 1.86 0.00	50.42 1.85 0.00	48.50 1.82 0.00	50.82 1.91 0.00	58.15 2.34 0.00	65.78 2.52 -3.34	59.86 2.47 -1.15	57.25 2.41 0.00	49.34 2.12 0.00	46.81 1.97 0.00	42.79 1.49 0.00	41.71 1.76 0.00
HUNTINGTON_RES_REC 323705	78.63 4.08 -31.63	55.35 4.03 -8.44	51.10 3.94 -4.32	50.91 4.04 -3.91	61.83 4.18 -14.55	70.02 4.04 -24.79	114.17 5.76 -50.26	144.19 6.07 -81.91	136.91 6.09 -74.42	120.82 5.96 -58.65	64.84 4.80 -8.44	62.35 4.92 -6.68	62.04 4.61 -10.91	61.97 4.90 -8.49	61.37 4.85 -9.84	62.13 4.99 -8.22	70.63 5.02 -9.80	90.30 5.70 -24.67	80.90 5.00 -19.67	71.54 4.77 -11.93	63.22 4.53 -11.47	60.82 5.11 -10.88	55.04 4.05 -9.69	52.84 3.36 -9.53
HUNTLEY___63 23557	38.39 -5.15 -0.62	37.92 -5.40 -0.44	37.70 -5.40 -0.26	37.78 -5.41 -0.23	38.83 -4.74 -0.48	38.31 -4.53 -1.65	55.08 -6.11 -3.03	53.81 -6.35 -3.95	50.97 -6.26 -0.83	49.74 -6.63 -0.16	45.57 -6.04 0.00	45.16 -5.58 0.00	40.76 -5.77 0.00	42.89 -5.68 0.00	40.80 -5.88 0.00	42.41 -6.51 0.00	47.26 -7.48 1.07	53.22 -6.89 -0.18	49.10 -7.14 -0.01	45.91 -7.35 1.58	41.21 -6.00 0.01	38.99 -5.83 0.02	36.10 -5.20 0.00	35.76 -4.20 0.00
HUNTLEY___64 23558	38.39 -5.15 -0.62	37.92 -5.40 -0.44	37.70 -5.40 -0.26	37.78 -5.41 -0.23	38.83 -4.74 -0.48	38.31 -4.53 -1.65	55.08 -6.11 -3.03	53.81 -6.35 -3.95	50.97 -6.26 -0.83	49.74 -6.63 -0.16	45.57 -6.04 0.00	45.16 -5.58 0.00	40.76 -5.77 0.00	42.89 -5.68 0.00	40.80 -5.88 0.00	42.41 -6.51 0.00	47.26 -7.48 1.07	53.22 -6.89 -0.18	49.10 -7.14 -0.01	45.91 -7.35 1.58	41.21 -6.00 0.01	38.99 -5.83 0.02	36.10 -5.20 0.00	35.76 -4.20 0.00
HUNTLEY___65 23559	38.39 -5.15 -0.62	37.92 -5.40 -0.44	37.70 -5.40 -0.26	37.78 -5.41 -0.23	38.83 -4.74 -0.48	38.31 -4.53 -1.65	55.08 -6.11 -3.03	53.81 -6.35 -3.95	50.97 -6.26 -0.83	49.74 -6.63 -0.16	45.57 -6.04 0.00	45.16 -5.58 0.00	40.76 -5.77 0.00	42.89 -5.68 0.00	40.80 -5.88 0.00	42.41 -6.51 0.00	47.26 -7.48 1.07	53.22 -6.89 -0.18	49.10 -7.14 -0.01	45.91 -7.35 1.58	41.21 -6.00 0.01	38.99 -5.83 0.02	36.10 -5.20 0.00	35.76 -4.20 0.00
HUNTLEY___66 23560	38.39 -5.15 -0.62	37.92 -5.40 -0.44	37.70 -5.40 -0.26	37.78 -5.41 -0.23	38.83 -4.74 -0.48	38.31 -4.53 -1.65	55.08 -6.11 -3.03	53.81 -6.35 -3.95	50.97 -6.26 -0.83	49.74 -6.63 -0.16	45.57 -6.04 0.00	45.16 -5.58 0.00	40.76 -5.77 0.00	42.89 -5.68 0.00	40.80 -5.88 0.00	42.41 -6.51 0.00	47.26 -7.48 1.07	53.22 -6.89 -0.18	49.10 -7.14 -0.01	45.91 -7.35 1.58	41.21 -6.00 0.01	38.99 -5.83 0.02	36.10 -5.20 0.00	35.76 -4.20 0.00
HUNTLEY___67 23561	38.38 -5.15 -0.61	38.00 -5.32 -0.44	37.74 -5.35 -0.26	37.86 -5.33 -0.23	38.80 -4.78 -0.49	38.31 -4.57 -1.69	55.14 -6.11 -3.09	53.95 -6.30 -4.03	50.90 -6.32 -0.82	49.69 -6.69 -0.17	45.62 -5.99 0.00	45.16 -5.58 0.00	40.81 -5.72 0.00	42.89 -5.68 0.00	40.84 -5.83 0.00	42.46 -6.46 0.00	47.37 -7.37 1.07	53.22 -6.89 -0.18	49.15 -7.08 -0.01	46.03 -7.24 1.57	41.31 -5.90 0.01	39.08 -5.74 0.02	36.18 -5.12 0.00	35.80 -4.16 0.00
HUNTLEY___68 23562	38.38 -5.15 -0.61	38.00 -5.32 -0.44	37.74 -5.35 -0.26	37.86 -5.33 -0.23	38.80 -4.78 -0.49	38.31 -4.57 -1.69	55.14 -6.11 -3.09	53.95 -6.30 -4.03	50.90 -6.32 -0.82	49.69 -6.69 -0.17	45.62 -5.99 0.00	45.16 -5.58 0.00	40.81 -5.72 0.00	42.89 -5.68 0.00	40.84 -5.83 0.00	42.46 -6.46 0.00	47.37 -7.37 1.07	53.22 -6.89 -0.18	49.15 -7.08 -0.01	46.03 -7.24 1.57	41.31 -5.90 0.01	39.08 -5.74 0.02	36.18 -5.12 0.00	35.80 -4.16 0.00

HYLAND___LFGE 323620	41.87 -1.29 -0.23	41.51 -1.54 -0.17	41.36 -1.58 -0.11	41.86 -1.20 -0.10	43.03 -0.60 -0.54	42.76 -0.33 -1.89	61.98 0.35 -3.48	61.24 0.50 -4.53	57.16 0.45 -0.31	55.97 -0.45 -0.21	51.14 -0.47 0.00	50.29 -0.46 0.00	45.55 -0.98 0.00	47.85 -0.73 0.00	45.84 -0.84 0.00	47.99 -0.93 0.00	53.93 -0.84 1.04	60.55 0.54 -0.08	55.91 -0.28 0.04	52.28 -1.04 1.52	46.59 -0.62 0.01	43.86 -0.94 0.03	40.23 -1.07 0.00	39.28 -0.68 0.00
INDECK___CORINTH 23802	59.31 2.62 -13.77	55.15 2.62 -9.66	50.83 2.48 -5.51	50.38 2.62 -4.79	49.96 2.50 -4.36	58.04 2.64 -14.21	88.23 4.01 -26.07	94.21 4.05 -33.95	79.19 4.28 -18.50	62.10 4.22 -1.67	54.96 3.35 0.00	53.89 3.15 0.00	49.46 2.93 0.00	51.69 3.11 0.00	49.48 2.80 0.00	51.90 2.98 0.00	59.49 3.68 0.00	67.88 4.32 -3.63	61.53 4.05 -1.26	58.46 3.62 0.00	50.33 3.12 0.00	47.57 2.74 0.00	43.37 2.06 0.00	41.79 1.84 0.00
INDECK___ILION 23567	44.04 1.12 0.00	43.95 1.07 0.00	43.91 1.07 0.00	44.04 1.07 0.00	44.26 1.16 0.00	42.39 1.19 0.00	60.01 1.86 0.00	58.01 1.80 0.00	58.26 1.86 0.00	58.06 1.85 0.00	53.21 1.60 0.00	52.27 1.52 0.00	47.93 1.40 0.00	50.03 1.46 0.00	48.08 1.40 0.00	50.38 1.47 0.00	57.59 1.79 0.00	62.03 2.10 0.00	58.14 1.91 0.00	56.65 1.81 0.00	48.63 1.42 0.00	46.14 1.30 0.00	42.30 0.99 0.00	40.87 0.92 0.00
INDECK___OLEAN 23982	38.74 -4.72 -0.54	38.55 -4.72 -0.39	38.36 -4.71 -0.23	37.84 -5.33 -0.21	38.35 -5.30 -0.56	38.25 -4.90 -1.96	55.40 -6.34 -3.59	54.47 -6.41 -4.67	50.81 -6.32 -0.73	50.91 -5.51 -0.20	47.84 -3.77 0.00	47.09 -3.65 0.00	42.67 -3.86 0.00	44.78 -3.79 0.00	42.66 -4.01 0.00	44.61 -4.31 0.00	50.87 -3.85 1.09	53.86 -6.23 -0.16	49.76 -6.46 0.01	47.54 -5.70 1.59	42.86 -4.34 0.01	40.29 -4.53 0.03	37.51 -3.80 0.00	36.68 -3.28 0.00
INDECK___OSWEGO 23783	42.25 -1.50 -0.84	41.92 -1.54 -0.59	41.59 -1.58 -0.34	41.79 -1.46 -0.29	42.03 -1.34 -0.27	40.82 -1.23 -0.86	58.22 -1.51 -1.59	56.93 -1.35 -2.06	56.23 -1.29 -1.12	54.85 -1.46 -0.10	50.11 -1.50 0.00	49.27 -1.47 0.00	45.09 -1.44 0.00	47.12 -1.46 0.00	45.23 -1.45 0.00	47.45 -1.47 0.00	54.08 -1.73 0.00	58.83 -1.32 -0.22	54.85 -1.46 -0.08	53.20 -1.64 0.00	45.80 -1.42 0.00	43.40 -1.44 0.00	39.82 -1.49 0.00	38.56 -1.40 0.00
INDECK___YERKES 23781	38.44 -5.11 -0.62	37.92 -5.40 -0.44	37.74 -5.36 -0.26	38.08 -5.11 -0.23	38.96 -4.61 -0.48	38.44 -4.41 -1.65	55.13 -6.05 -3.03	53.86 -6.29 -3.95	51.03 -6.20 -0.83	49.51 -6.86 -0.16	45.67 -5.93 0.00	45.21 -5.53 0.00	40.81 -5.73 0.00	42.94 -5.63 0.00	40.84 -5.84 0.00	42.75 -6.16 0.00	47.31 -7.42 1.07	53.34 -6.77 -0.18	48.81 -7.42 -0.01	45.48 -7.79 1.58	41.17 -6.04 0.01	38.86 -5.96 0.02	36.14 -5.16 0.00	35.76 -4.19 0.00
INDIAN POINT_GT_1 24139	56.17 2.58 -10.68	52.90 2.53 -7.49	49.60 2.48 -4.28	49.17 2.49 -3.72	49.11 2.63 -3.38	54.73 2.51 -11.02	82.27 3.90 -20.22	86.98 4.05 -26.73	75.70 4.17 -15.13	62.89 4.05 -2.63	55.12 3.51 0.00	54.04 3.30 0.00	49.73 3.12 -0.08	51.69 3.11 0.00	49.76 3.08 0.00	52.34 3.42 0.00	60.47 4.19 -0.48	68.18 5.03 -3.21	61.71 4.50 -0.98	59.14 4.17 -0.13	50.38 3.16 0.00	48.16 3.32 0.00	43.83 2.52 0.00	41.87 1.92 0.00
INDIAN POINT_GT_2 23659	56.17 2.58 -10.68	52.90 2.53 -7.49	49.60 2.48 -4.28	49.17 2.49 -3.72	49.11 2.63 -3.38	54.73 2.51 -11.02	82.27 3.90 -20.22	86.98 4.05 -26.73	75.70 4.17 -15.13	62.89 4.05 -2.63	55.12 3.51 0.00	54.04 3.30 0.00	49.73 3.12 -0.08	51.69 3.11 0.00	49.76 3.08 0.00	52.34 3.42 0.00	60.47 4.19 -0.48	68.18 5.03 -3.21	61.71 4.50 -0.98	59.14 4.17 -0.13	50.38 3.16 0.00	48.16 3.32 0.00	43.83 2.52 0.00	41.87 1.92 0.00
INDIAN POINT_GT_3 24019	56.17 2.58 -10.68	52.90 2.53 -7.49	49.60 2.48 -4.28	49.17 2.49 -3.72	49.11 2.63 -3.38	54.73 2.51 -11.02	82.27 3.90 -20.22	86.98 4.05 -26.73	75.70 4.17 -15.13	62.89 4.05 -2.63	55.12 3.51 0.00	54.04 3.30 0.00	49.73 3.12 -0.08	51.69 3.11 0.00	49.76 3.08 0.00	52.34 3.42 0.00	60.47 4.19 -0.48	68.18 5.03 -3.21	61.71 4.50 -0.98	59.14 4.17 -0.13	50.38 3.16 0.00	48.16 3.32 0.00	43.83 2.52 0.00	41.87 1.92 0.00
INDIAN POINT___2 23530	55.97 2.49 -10.56	52.72 2.44 -7.40	49.46 2.40 -4.23	49.04 2.40 -3.67	48.98 2.54 -3.35	54.56 2.47 -10.89	81.92 3.78 -19.99	86.55 3.93 -26.40	75.38 4.06 -14.92	62.68 3.93 -2.54	55.01 3.41 0.00	53.94 3.20 0.00	49.63 3.02 -0.07	51.59 3.01 0.00	49.67 2.99 0.00	52.14 3.23 0.00	60.33 4.07 -0.45	67.94 4.85 -3.16	61.53 4.33 -0.97	58.97 4.00 -0.13	50.33 3.12 0.00	48.02 3.18 0.00	43.79 2.48 0.00	41.83 1.88 0.00
INDIAN POINT___3 23531	56.13 2.53 -10.68	52.85 2.49 -7.49	49.55 2.44 -4.28	49.13 2.45 -3.72	49.07 2.59 -3.38	54.69 2.47 -11.02	82.21 3.84 -20.22	86.86 3.93 -26.71	75.62 4.12 -15.10	62.78 3.99 -2.58	55.06 3.46 0.00	53.94 3.20 0.00	49.68 3.07 -0.07	51.64 3.06 0.00	49.71 3.03 0.00	52.24 3.33 0.00	60.40 4.13 -0.46	68.04 4.91 -3.20	61.65 4.44 -0.98	59.08 4.11 -0.13	50.33 3.12 0.00	48.11 3.27 0.00	43.79 2.48 0.00	41.87 1.92 0.00
INGHAM_C_115KV_TB7 356103	44.68 1.76 0.00	44.64 1.76 0.00	44.55 1.71 0.00	44.68 1.72 0.00	44.91 1.81 0.00	43.05 1.85 0.00	61.06 2.91 0.00	59.08 2.87 0.00	59.39 2.99 0.00	59.19 2.98 0.00	54.29 2.68 0.00	53.38 2.64 0.00	48.95 2.42 0.00	51.15 2.57 0.00	49.10 2.43 0.00	51.36 2.45 0.00	58.77 2.96 0.00	63.29 3.36 0.00	59.32 3.09 0.00	57.80 2.96 0.00	49.63 2.41 0.00	47.03 2.20 0.00	43.08 1.78 0.00	41.59 1.64 0.00
IP CORINTH___1 23988	59.31 2.62 -13.77	55.15 2.62 -9.66	50.83 2.48 -5.51	50.33 2.58 -4.79	49.96 2.50 -4.36	58.04 2.64 -14.21	88.23 4.01 -26.07	94.21 4.05 -33.95	79.19 4.29 -18.50	62.10 4.22 -1.67	54.96 3.35 0.00	53.94 3.20 0.00	49.46 2.93 0.00	51.68 3.11 0.00	49.48 2.80 0.00	51.95 3.03 0.00	59.49 3.68 0.00	67.88 4.32 -3.63	61.59 4.10 -1.26	58.51 3.67 0.00	50.33 3.12 0.00	47.57 2.74 0.00	43.37 2.07 0.00	41.79 1.84 0.00
IP___TICONDEROGA 23804	60.88 4.21 -13.76	56.68 4.16 -9.65	52.28 3.94 -5.51	51.83 4.08 -4.79	51.33 3.88 -4.36	59.51 4.12 -14.19	90.47 6.28 -26.04	96.59 6.46 -33.92	81.76 6.88 -18.48	64.57 6.69 -1.67	57.23 5.63 0.00	56.12 5.38 0.00	51.28 4.75 0.00	53.72 5.15 0.00	51.20 4.53 0.00	53.76 4.84 0.00	61.67 5.86 0.00	70.27 6.71 -3.63	63.89 6.41 -1.26	60.65 5.81 0.00	52.18 4.96 0.00	49.10 4.26 0.00	44.69 3.39 0.00	43.03 3.08 0.00
ISLIP_RES_REC 323679	79.23 4.68 -31.63	56.12 4.80 -8.44	51.83 4.67 -4.32	51.64 4.77 -3.91	62.56 4.91 -14.55	70.63 4.65 -24.79	114.70 6.28 -50.26	144.69 6.57 -81.91	137.47 6.65 -74.42	121.43 6.57 -58.65	66.60 6.55 -8.44	63.72 6.29 -6.68	63.25 5.82 -10.91	62.99 5.92 -8.49	62.35 5.83 -9.84	63.30 6.16 -8.22	73.10 7.48 -9.81	92.75 8.15 -24.67	83.20 7.31 -19.67	73.85 7.08 -11.93	64.40 5.71 -11.47	61.50 5.79 -10.88	55.58 4.58 -9.69	53.36 3.87 -9.53

JAMAICA__27_KV_LOAD 355505	57.07 3.35 -10.80	53.62 3.17 -7.57	50.20 3.04 -4.33	49.73 3.01 -3.76	49.71 3.19 -3.42	55.56 3.21 -11.15	83.78 5.18 -20.45	101.10 5.62 -39.27	102.22 5.75 -40.07	106.76 5.62 -44.93	56.35 4.75 0.00	55.26 4.52 0.00	52.59 4.42 -1.64	52.97 4.32 -0.07	51.09 4.34 -0.07	53.51 4.60 0.00	70.38 5.75 -8.83	76.74 6.65 -10.16	63.42 6.07 -1.12	63.50 5.76 -2.90	51.56 4.34 0.00	49.44 4.53 -0.07	44.69 3.39 0.00	42.47 2.52 0.00
JANIS__SOLAR 323808	49.86 1.41 -5.53	48.11 1.37 -3.86	46.22 1.20 -2.18	46.23 1.37 -1.89	45.75 1.64 -1.02	46.12 1.86 -3.07	67.27 3.49 -5.63	67.19 3.65 -7.33	67.50 3.66 -7.44	59.77 3.20 -0.36	54.49 2.89 0.00	53.48 2.74 0.00	48.90 2.37 0.00	51.15 2.57 0.00	49.10 2.43 0.00	51.56 2.64 0.00	60.91 3.18 -1.92	65.48 4.13 -1.42	60.46 3.60 -0.63	60.73 3.07 -2.82	49.83 2.60 -0.02	46.95 2.06 -0.05	42.84 1.53 0.00	41.44 1.48 0.00
JARVIS____ 23743	43.44 0.52 0.00	43.35 0.47 0.00	43.31 0.47 0.00	43.48 0.52 0.00	43.66 0.56 0.00	41.77 0.58 0.00	59.03 0.87 0.00	57.00 0.79 0.00	57.25 0.85 0.00	57.00 0.79 0.00	52.23 0.62 0.00	51.30 0.56 0.00	47.04 0.51 0.00	49.11 0.54 0.00	47.19 0.51 0.00	49.46 0.54 0.00	56.53 0.72 0.00	60.89 0.96 0.00	57.07 0.84 0.00	55.55 0.71 0.00	47.79 0.57 0.00	45.38 0.54 0.00	41.64 0.33 0.00	40.27 0.32 0.00
JENNISON____1 23625	49.59 2.10 -4.57	48.18 2.10 -3.20	46.54 1.88 -1.82	46.56 2.02 -1.58	46.58 2.24 -1.24	47.55 2.39 -3.97	69.61 4.19 -7.28	69.96 4.27 -9.48	66.83 4.29 -6.14	60.61 3.93 -0.46	55.27 3.66 0.00	54.24 3.50 0.00	49.56 3.02 0.00	51.83 3.25 0.00	49.66 2.99 0.00	52.10 3.18 0.00	60.34 3.91 -0.63	65.86 4.73 -1.19	61.07 4.39 -0.46	59.66 3.89 -0.92	50.29 3.07 -0.01	47.54 2.69 -0.01	43.29 1.98 0.00	41.87 1.92 0.00
JENNISON____2 23626	49.59 2.10 -4.57	48.18 2.10 -3.20	46.54 1.88 -1.82	46.56 2.02 -1.58	46.58 2.24 -1.24	47.55 2.39 -3.97	69.61 4.19 -7.28	69.96 4.27 -9.48	66.83 4.29 -6.14	60.61 3.93 -0.46	55.27 3.66 0.00	54.24 3.50 0.00	49.56 3.02 0.00	51.83 3.25 0.00	49.66 2.99 0.00	52.10 3.18 0.00	60.34 3.91 -0.63	65.86 4.73 -1.19	61.07 4.39 -0.46	59.66 3.89 -0.92	50.29 3.07 -0.01	47.54 2.69 -0.01	43.29 1.98 0.00	41.87 1.92 0.00
JERICOHO_RISE_WT_PWR 323719	41.51 -1.42 0.00	41.63 -1.24 0.00	41.89 -0.94 0.00	42.19 -0.77 0.00	42.36 -0.73 0.00	40.45 -0.74 0.00	57.16 -0.99 0.00	55.76 -0.45 0.00	56.06 -0.34 0.00	56.38 0.17 0.00	52.38 0.78 0.00	51.81 1.07 0.00	47.55 1.02 0.00	49.79 1.21 0.00	47.84 1.17 0.00	50.09 1.17 0.00	56.92 1.12 0.00	59.99 0.06 0.00	56.62 0.40 0.00	55.33 0.49 0.00	47.79 0.57 0.00	45.19 0.36 0.00	42.05 0.74 0.00	40.80 0.84 0.00
KATONAH__115KV_46KV_TB4 355592	56.95 3.00 -11.02	53.39 2.79 -7.73	49.99 2.74 -4.41	49.55 2.75 -3.84	49.39 2.80 -3.49	55.40 2.68 -11.53	83.43 4.13 -21.15	88.14 4.38 -27.55	76.04 4.62 -15.02	62.06 4.50 -1.36	55.53 3.92 0.00	54.35 3.60 0.00	49.84 3.30 0.00	51.83 3.25 0.00	49.90 3.22 0.00	52.54 3.62 0.00	60.27 4.46 0.00	68.21 5.33 -2.95	61.97 4.72 -1.02	59.23 4.39 0.00	50.57 3.35 0.00	48.25 3.41 0.00	43.87 2.56 0.00	41.99 2.04 0.00
KCE_NY_1 323755	59.28 2.62 -13.74	55.12 2.62 -9.63	50.86 2.53 -5.50	50.36 2.62 -4.78	50.04 2.59 -4.35	57.96 2.60 -14.17	87.99 3.84 -26.00	93.84 3.77 -33.87	78.80 3.95 -18.46	61.75 3.88 -1.67	54.65 3.04 0.00	53.63 2.89 0.00	49.23 2.70 0.00	51.39 2.82 0.00	49.29 2.61 0.00	51.75 2.84 0.00	59.27 3.46 0.00	67.63 4.08 -3.62	61.31 3.83 -1.25	58.30 3.46 0.00	50.15 2.93 0.00	47.53 2.69 0.00	43.37 2.06 0.00	41.87 1.92 0.00
KCE_NY_6_ESR 323823	38.81 -4.72 -0.61	38.38 -4.93 -0.43	38.21 -4.88 -0.26	38.33 -4.86 -0.22	39.12 -4.48 -0.51	38.75 -4.20 -1.75	55.79 -5.58 -3.22	54.61 -5.79 -4.19	51.52 -5.69 -0.81	50.43 -5.96 -0.18	46.70 -4.90 0.00	46.18 -4.57 0.00	41.74 -4.79 0.00	43.86 -4.71 0.00	41.78 -4.90 0.00	43.68 -5.23 0.00	48.77 -5.97 1.07	53.99 -6.11 -0.18	49.60 -6.64 -0.01	46.52 -6.75 1.58	42.06 -5.15 0.01	39.62 -5.20 0.02	36.84 -4.46 0.00	36.28 -3.68 0.00
KEDC_PORT_JEFF_GT2 24210	79.02 4.46 -31.63	55.91 4.59 -8.44	51.61 4.45 -4.32	51.43 4.55 -3.91	62.35 4.70 -14.55	70.43 4.45 -24.79	114.40 5.99 -50.26	144.36 6.24 -81.91	137.14 6.32 -74.42	121.10 6.24 -58.65	66.18 6.14 -8.44	63.31 5.88 -6.68	62.88 5.44 -10.91	62.65 5.58 -8.49	61.98 5.46 -9.84	62.95 5.82 -8.22	72.60 6.98 -9.81	92.03 7.43 -24.67	82.47 6.58 -19.67	73.35 6.58 -11.93	64.07 5.38 -11.47	61.23 5.51 -10.88	55.37 4.38 -9.69	53.16 3.67 -9.53
KEDC_PORT_JEFF_GT3 24211	79.02 4.46 -31.63	55.91 4.59 -8.44	51.61 4.45 -4.32	51.43 4.55 -3.91	62.35 4.70 -14.55	70.43 4.45 -24.79	114.40 5.99 -50.26	144.36 6.24 -81.91	137.14 6.32 -74.42	121.10 6.24 -58.65	66.18 6.14 -8.44	63.31 5.88 -6.68	62.88 5.44 -10.91	62.65 5.58 -8.49	61.98 5.46 -9.84	62.95 5.82 -8.22	72.60 6.98 -9.81	92.03 7.43 -24.67	82.47 6.58 -19.67	73.35 6.58 -11.93	64.07 5.38 -11.47	61.23 5.51 -10.88	55.37 4.38 -9.69	53.16 3.67 -9.53
KEDC_GLWD_GT4 24219	78.20 3.65 -31.63	54.84 3.52 -8.44	50.63 3.47 -4.32	50.35 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.88 5.46 -50.26	143.69 5.57 -81.91	136.58 5.76 -74.42	120.48 5.62 -58.65	64.59 4.54 -8.44	61.74 4.31 -6.68	61.48 4.05 -10.91	61.15 4.08 -8.49	60.49 3.97 -9.84	61.44 4.31 -8.22	70.98 5.36 -9.81	90.84 6.23 -24.67	81.47 5.57 -19.67	71.99 5.21 -11.93	62.75 4.06 -11.47	59.79 4.08 -10.88	54.59 3.59 -9.69	52.44 2.96 -9.53
KEDC_GLWD_GT5 24220	78.20 3.65 -31.63	54.84 3.52 -8.44	50.63 3.47 -4.32	50.35 3.48 -3.91	61.31 3.66 -14.55	69.52 3.54 -24.79	113.88 5.46 -50.26	143.69 5.57 -81.91	136.58 5.76 -74.42	120.48 5.62 -58.65	64.59 4.54 -8.44	61.74 4.31 -6.68	61.48 4.05 -10.91	61.15 4.08 -8.49	60.49 3.97 -9.84	61.44 4.31 -8.22	70.98 5.36 -9.81	90.84 6.23 -24.67	81.47 5.57 -19.67	71.99 5.21 -11.93	62.75 4.06 -11.47	59.79 4.08 -10.88	54.59 3.59 -9.69	52.44 2.96 -9.53
KENSICO____ 23655	56.44 2.75 -10.77	53.13 2.70 -7.55	49.80 2.66 -4.31	49.37 2.66 -3.75	49.27 2.76 -3.41	54.99 2.68 -11.11	82.67 4.13 -20.39	87.50 4.27 -27.02	76.25 4.46 -15.40	63.43 4.33 -2.89	55.32 3.72 0.00	54.24 3.50 0.00	49.93 3.30 -0.09	51.88 3.30 0.00	49.95 3.27 0.00	52.54 3.62 0.00	60.84 4.46 -0.57	68.51 5.27 -3.31	62.00 4.78 -0.99	59.44 4.44 -0.16	50.62 3.40 0.00	48.34 3.50 0.00	43.99 2.68 0.00	42.03 2.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	55.79 2.62 -10.25	52.59 2.53 -7.18	49.38 2.44 -4.10	48.98 2.45 -3.56	48.93 2.59 -3.25	54.28 2.51 -10.58	81.51 3.95 -19.40	85.48 3.99 -25.27	74.44 4.23 -13.81	61.45 3.99 -1.25	55.06 3.46 0.00	53.99 3.25 0.00	49.04 2.51 0.00	51.00 2.43 0.00	49.20 2.52 0.00	51.90 2.98 0.00	59.60 3.79 0.00	67.26 4.61 -2.71	61.27 4.10 -0.94	58.51 3.67 0.00	50.38 3.16 0.00	48.11 3.27 0.00	43.79 2.48 0.00	41.83 1.88 0.00

KIAC_JFK_GT1 23816	56.94 3.22 -10.80	53.50 3.04 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.43 3.09 -11.15	83.61 5.00 -20.45	100.88 5.40 -39.27	102.05 5.58 -40.07	106.59 5.45 -44.93	56.20 4.59 0.00	55.11 4.36 0.00	52.45 4.28 -1.64	52.82 4.18 -0.07	50.95 4.20 -0.07	53.37 4.45 0.00	70.22 5.58 -8.83	76.56 6.47 -10.16	63.25 5.90 -1.12	63.28 5.54 -2.90	51.37 4.16 0.00	49.31 4.39 -0.07	44.57 3.26 0.00	42.35 2.40 0.00
KIAC_JFK_GT2 23817	56.94 3.22 -10.80	53.50 3.04 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.43 3.09 -11.15	83.61 5.00 -20.45	100.88 5.40 -39.27	102.05 5.58 -40.07	106.59 5.45 -44.93	56.20 4.59 0.00	55.11 4.36 0.00	52.45 4.28 -1.64	52.82 4.18 -0.07	50.95 4.20 -0.07	53.37 4.45 0.00	70.22 5.58 -8.83	76.56 6.47 -10.16	63.25 5.90 -1.12	63.28 5.54 -2.90	51.37 4.16 0.00	49.31 4.39 -0.07	44.57 3.26 0.00	42.35 2.40 0.00
KIAC_JFK____ 323774	56.94 3.22 -10.80	53.50 3.04 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.43 3.09 -11.15	83.61 5.00 -20.45	100.88 5.40 -39.27	102.05 5.58 -40.07	106.59 5.45 -44.93	56.20 4.59 0.00	55.05 4.31 0.00	52.45 4.28 -1.64	52.82 4.18 -0.07	50.95 4.20 -0.07	53.32 4.40 0.00	70.22 5.58 -8.83	76.51 6.42 -10.16	63.14 5.79 -1.12	63.17 5.43 -2.90	51.37 4.16 0.00	49.26 4.35 -0.07	44.57 3.26 0.00	42.35 2.40 0.00
KINTIGH____ 23543	38.98 -4.59 -0.65	38.45 -4.89 -0.46	38.31 -4.80 -0.27	38.43 -4.77 -0.24	39.64 -3.88 -0.43	38.91 -3.75 -1.46	55.89 -4.94 -2.68	54.59 -5.12 -3.49	52.08 -5.19 -0.87	50.83 -5.56 -0.19	45.88 -5.73 0.00	45.36 -5.38 0.00	41.09 -5.44 0.00	43.13 -5.44 0.00	41.17 -5.51 0.00	42.85 -6.07 0.00	47.45 -7.31 1.05	54.24 -5.87 -0.18	49.50 -6.75 -0.02	46.27 -7.02 1.55	41.73 -5.48 0.01	39.35 -5.47 0.01	36.52 -4.79 0.00	36.04 -3.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.98 -0.94 0.00	42.11 -0.77 0.00	42.41 -0.43 0.00	42.83 -0.13 0.00	43.01 -0.09 0.00	41.03 -0.16 0.00	58.04 -0.12 0.00	56.89 0.67 0.00	57.25 0.85 0.00	57.39 1.18 0.00	53.41 1.81 0.00	52.77 2.03 0.00	48.44 1.91 0.00	50.71 2.14 0.00	48.78 2.10 0.00	51.02 2.10 0.00	58.15 2.34 0.00	61.37 1.44 0.00	57.80 1.57 0.00	56.27 1.43 0.00	48.63 1.42 0.00	45.91 1.08 0.00	42.67 1.36 0.00	41.39 1.44 0.00
LACHUTE____HYDRO 323717	60.89 4.21 -13.76	56.68 4.16 -9.65	52.28 3.94 -5.51	51.83 4.08 -4.79	51.34 3.88 -4.36	59.51 4.12 -14.19	90.47 6.28 -26.04	96.59 6.46 -33.92	81.76 6.88 -18.48	64.57 6.69 -1.67	57.23 5.63 0.00	56.07 5.33 0.00	51.33 4.79 0.00	53.72 5.15 0.00	51.20 4.53 0.00	53.76 4.84 0.00	61.67 5.86 0.00	70.27 6.71 -3.63	63.83 6.35 -1.26	60.54 5.70 0.00	52.17 4.96 0.00	49.10 4.26 0.00	44.69 3.39 0.00	43.03 3.08 0.00
LAWRNCV_115KV_TB1 80681	42.41 -0.52 0.00	42.49 -0.39 0.00	42.58 -0.26 0.00	42.79 -0.17 0.00	42.71 -0.39 0.00	40.54 -0.66 0.00	56.64 -1.51 0.00	54.86 -1.35 0.00	54.93 -1.47 0.00	54.92 -1.29 0.00	50.99 -0.62 0.00	50.74 0.00 0.00	46.76 0.23 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.16 0.24 0.00	55.70 -0.11 0.00	57.29 -2.64 0.00	55.05 -1.18 0.00	53.85 -0.99 0.00	46.56 -0.66 0.00	44.03 -0.81 0.00	41.39 0.08 0.00	40.36 0.40 0.00
LEDERLE____ 23769	55.87 2.53 -10.42	52.67 2.49 -7.30	49.49 2.48 -4.17	49.08 2.49 -3.62	49.03 2.63 -3.30	54.46 2.51 -10.75	81.71 3.84 -19.72	86.23 4.05 -25.97	75.12 4.17 -14.55	62.50 4.05 -2.24	55.17 3.56 0.00	54.09 3.35 0.00	49.71 3.12 -0.06	51.68 3.11 0.00	49.76 3.08 0.00	52.34 3.42 0.00	60.40 4.24 -0.35	68.06 5.09 -3.03	61.74 4.55 -0.96	59.16 4.22 -0.10	50.48 3.26 0.00	48.16 3.32 0.00	43.87 2.56 0.00	41.87 1.92 0.00
LIGHTHSE_115KV_TB6 355974	42.71 -0.99 -0.78	42.44 -0.99 -0.54	42.16 -0.99 -0.31	42.33 -0.90 -0.27	42.61 -0.73 -0.25	41.42 -0.58 -0.80	59.04 -0.58 -1.47	57.73 -0.39 -1.91	57.05 -0.39 -1.04	55.85 -0.45 -0.09	50.99 -0.62 0.00	50.19 -0.56 0.00	45.88 -0.65 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.08 -0.73 0.00	59.78 -0.36 -0.20	55.85 -0.45 -0.08	54.18 -0.66 0.00	46.60 -0.61 0.00	44.12 -0.72 0.00	40.44 -0.87 0.00	39.16 -0.80 0.00
LINDEN COGEN____ 23786	56.51 2.79 -10.80	53.15 2.70 -7.57	49.82 2.66 -4.33	49.33 2.62 -3.75	49.28 2.76 -3.42	55.06 2.72 -11.15	82.91 4.30 -20.45	97.74 4.50 -37.03	95.34 4.63 -34.32	97.00 4.55 -36.24	55.42 3.82 0.00	54.35 3.60 0.00	51.43 3.53 -1.36	52.15 3.50 -0.07	50.20 3.45 -0.07	52.63 3.72 0.00	54.75 4.63 5.69	55.50 5.40 9.83	46.33 4.84 14.73	55.25 4.55 4.14	50.66 3.45 0.00	48.50 3.59 -0.07	44.12 2.81 0.00	42.02 2.08 0.01
LINDHRST_69_KV_BK1 356055	78.72 4.16 -31.63	55.44 4.12 -8.44	51.14 3.98 -4.32	50.96 4.08 -3.91	61.87 4.22 -14.55	70.06 4.08 -24.79	114.46 6.05 -50.26	144.30 6.18 -81.91	137.14 6.32 -74.42	120.99 6.13 -58.65	65.67 5.63 -8.44	62.75 5.33 -6.68	62.42 4.98 -10.91	62.17 5.10 -8.49	61.51 4.99 -9.84	62.57 5.43 -8.22	72.09 6.47 -9.81	92.09 7.49 -24.67	82.70 6.80 -19.67	73.19 6.42 -11.93	63.79 5.10 -11.47	60.87 5.16 -10.88	55.08 4.09 -9.69	52.88 3.40 -9.53
LIPA_MISC_IPP 23656	78.97 4.42 -31.63	55.99 4.67 -8.44	51.70 4.54 -4.32	51.47 4.60 -3.91	62.34 4.70 -14.55	70.39 4.41 -24.79	113.88 5.47 -50.26	143.85 5.73 -81.91	136.63 5.81 -74.42	120.65 5.79 -58.65	66.29 6.24 -8.44	63.21 5.78 -6.68	62.79 5.35 -10.91	62.46 5.39 -8.49	61.84 5.32 -9.84	62.86 5.72 -8.22	72.54 6.92 -9.81	92.09 7.49 -24.67	82.64 6.75 -19.67	73.41 6.64 -11.93	63.84 5.15 -11.47	61.09 5.38 -10.88	55.25 4.25 -9.69	53.00 3.52 -9.53
LISF__SOLAR 323691	79.06 4.51 -31.63	56.08 4.76 -8.44	51.79 4.63 -4.32	51.60 4.73 -3.91	62.47 4.83 -14.55	70.47 4.49 -24.79	114.00 5.58 -50.26	143.97 5.85 -81.91	136.74 5.92 -74.42	120.76 5.90 -58.65	66.29 6.24 -8.44	63.36 5.93 -6.68	62.88 5.44 -10.91	62.60 5.54 -8.49	61.98 5.46 -9.84	62.91 5.77 -8.22	72.77 7.15 -9.81	92.28 7.67 -24.67	82.75 6.86 -19.67	73.46 6.69 -11.93	63.98 5.29 -11.47	61.14 5.42 -10.88	55.33 4.34 -9.69	53.12 3.64 -9.53
LITTLE FALLS____HYD 24013	44.68 1.76 0.00	44.64 1.76 0.00	44.55 1.71 0.00	44.68 1.72 0.00	44.91 1.81 0.00	43.05 1.85 0.00	61.06 2.91 0.00	59.08 2.87 0.00	59.39 2.99 0.00	59.19 2.98 0.00	54.29 2.68 0.00	53.38 2.64 0.00	48.95 2.42 0.00	51.15 2.57 0.00	49.10 2.43 0.00	51.36 2.45 0.00	58.77 2.96 0.00	63.29 3.36 0.00	59.32 3.09 0.00	57.80 2.96 0.00	49.63 2.41 0.00	47.03 2.20 0.00	43.08 1.78 0.00	41.59 1.64 0.00
LITTLRIV_115KV_TB1 356100	42.88 -0.04 0.00	42.96 0.09 0.00	43.05 0.21 0.00	43.26 0.30 0.00	43.18 0.09 0.00	41.03 -0.16 0.00	57.45 -0.70 0.00	55.71 -0.51 0.00	55.78 -0.62 0.00	55.70 -0.51 0.00	51.76 0.15 0.00	51.50 0.76 0.00	47.42 0.88 0.00	49.69 1.12 0.00	47.66 0.98 0.00	49.85 0.93 0.00	56.42 0.61 0.00	58.07 -1.86 0.00	55.83 -0.39 0.00	54.62 -0.22 0.00	47.12 -0.09 0.00	44.57 -0.27 0.00	41.84 0.54 0.00	40.76 0.80 0.00

LI_NEWBRDGE___DRP 323616	77.90 3.35 -31.63	54.58 3.26 -8.44	50.37 3.21 -4.32	50.10 3.22 -3.91	61.01 3.36 -14.55	69.23 3.25 -24.79	113.36 4.94 -50.26	143.18 5.06 -81.91	136.01 5.19 -74.42	119.92 5.06 -58.65	64.48 4.44 -8.44	61.64 4.21 -6.68	61.39 3.96 -10.91	61.05 3.98 -8.49	60.44 3.92 -9.84	61.44 4.30 -8.22	70.81 5.19 -9.81	90.66 6.05 -24.67	81.41 5.51 -19.67	71.93 5.16 -11.93	62.70 4.01 -11.47	59.84 4.13 -10.88	54.26 3.26 -9.69	52.12 2.64 -9.53
LOCKPORT_115KV_TB60_63_64 80432	38.14 -5.41 -0.63	37.66 -5.66 -0.45	37.44 -5.65 -0.26	37.57 -5.63 -0.23	38.51 -5.04 -0.46	38.00 -4.78 -1.59	54.61 -6.45 -2.91	53.20 -6.80 -3.79	50.53 -6.71 -0.84	49.29 -7.08 -0.16	44.95 -6.66 0.00	44.50 -6.24 0.00	40.20 -6.33 0.00	42.31 -6.27 0.00	40.24 -6.44 0.00	41.87 -7.04 0.00	46.58 -8.15 1.08	52.68 -7.43 -0.18	48.42 -7.82 -0.01	45.24 -8.01 1.59	40.74 -6.47 0.01	38.59 -6.23 0.02	35.77 -5.54 0.00	35.52 -4.44 0.00
LOCKPORT___CC1 323769	38.05 -5.49 -0.63	37.53 -5.79 -0.44	37.36 -5.74 -0.26	37.74 -5.46 -0.23	38.56 -5.00 -0.46	38.02 -4.78 -1.60	54.51 -6.57 -2.93	53.06 -6.97 -3.82	50.35 -6.88 -0.84	48.73 -7.64 -0.16	44.85 -6.76 0.00	44.35 -6.40 0.00	40.07 -6.47 0.00	42.11 -6.46 0.00	40.10 -6.58 0.00	42.02 -6.90 0.00	46.41 -8.32 1.08	52.50 -7.61 -0.18	48.08 -8.15 -0.01	44.70 -8.55 1.59	40.51 -6.70 0.01	38.36 -6.46 0.02	35.69 -5.62 0.00	35.44 -4.52 0.00
LOCKPORT___CC2 323770	38.05 -5.49 -0.63	37.53 -5.79 -0.44	37.36 -5.74 -0.26	37.74 -5.46 -0.23	38.56 -5.00 -0.46	38.02 -4.78 -1.60	54.51 -6.57 -2.93	53.06 -6.97 -3.82	50.35 -6.88 -0.84	48.73 -7.64 -0.16	44.85 -6.76 0.00	44.35 -6.40 0.00	40.07 -6.47 0.00	42.11 -6.46 0.00	40.10 -6.58 0.00	42.02 -6.90 0.00	46.41 -8.32 1.08	52.50 -7.61 -0.18	48.08 -8.15 -0.01	44.70 -8.55 1.59	40.51 -6.70 0.01	38.36 -6.46 0.02	35.69 -5.62 0.00	35.44 -4.52 0.00
LOCKPORT___CC3 323771	38.05 -5.49 -0.63	37.53 -5.79 -0.44	37.36 -5.74 -0.26	37.74 -5.46 -0.23	38.56 -5.00 -0.46	38.02 -4.78 -1.60	54.51 -6.57 -2.93	53.06 -6.97 -3.82	50.35 -6.88 -0.84	48.73 -7.64 -0.16	44.85 -6.76 0.00	44.35 -6.40 0.00	40.07 -6.47 0.00	42.11 -6.46 0.00	40.10 -6.58 0.00	42.02 -6.90 0.00	46.41 -8.32 1.08	52.50 -7.61 -0.18	48.08 -8.15 -0.01	44.70 -8.55 1.59	40.51 -6.70 0.01	38.36 -6.46 0.02	35.69 -5.62 0.00	35.44 -4.52 0.00
LONG_LAKE_PHOENIX 24014	42.37 -1.42 -0.86	42.03 -1.46 -0.61	41.68 -1.50 -0.35	41.85 -1.42 -0.30	42.12 -1.25 -0.27	40.97 -1.11 -0.89	58.51 -1.28 -1.64	57.22 -1.12 -2.13	56.49 -1.07 -1.16	55.19 -1.12 -0.11	50.37 -1.24 0.00	49.47 -1.27 0.00	45.28 -1.26 0.00	47.31 -1.26 0.00	45.42 -1.26 0.00	47.60 -1.32 0.00	54.30 -1.51 0.00	59.08 -1.08 -0.23	55.08 -1.24 -0.08	53.41 -1.43 0.00	45.99 -1.23 0.00	43.58 -1.26 0.00	39.94 -1.36 0.00	38.68 -1.28 0.00
LOVETT___3 23632	55.73 2.36 -10.45	52.52 2.32 -7.33	49.33 2.31 -4.18	48.92 2.32 -3.64	48.86 2.46 -3.31	54.33 2.35 -10.78	81.54 3.61 -19.79	86.05 3.77 -26.07	74.86 3.84 -14.63	62.20 3.71 -2.28	54.91 3.30 0.00	53.84 3.10 0.00	49.52 2.93 -0.06	51.49 2.91 0.00	49.57 2.89 0.00	52.14 3.23 0.00	60.13 3.96 -0.36	67.78 4.79 -3.06	61.46 4.27 -0.96	58.89 3.95 -0.10	50.24 3.02 0.00	47.98 3.14 0.00	43.70 2.40 0.00	41.75 1.80 0.00
LOVETT___4 23642	55.73 2.36 -10.45	52.52 2.32 -7.33	49.33 2.31 -4.18	48.92 2.32 -3.64	48.86 2.46 -3.31	54.33 2.35 -10.78	81.54 3.61 -19.79	86.05 3.77 -26.07	74.86 3.84 -14.63	62.20 3.71 -2.28	54.91 3.30 0.00	53.84 3.10 0.00	49.52 2.93 -0.06	51.49 2.91 0.00	49.57 2.89 0.00	52.14 3.23 0.00	60.13 3.96 -0.36	67.78 4.79 -3.06	61.46 4.27 -0.96	58.89 3.95 -0.10	50.24 3.02 0.00	47.98 3.14 0.00	43.70 2.40 0.00	41.75 1.80 0.00
LOVETT___5 23593	55.73 2.36 -10.45	52.52 2.32 -7.33	49.33 2.31 -4.18	48.92 2.32 -3.64	48.86 2.46 -3.31	54.33 2.35 -10.78	81.54 3.61 -19.79	86.05 3.77 -26.07	74.86 3.84 -14.63	62.20 3.71 -2.28	54.91 3.30 0.00	53.84 3.10 0.00	49.52 2.93 -0.06	51.49 2.91 0.00	49.57 2.89 0.00	52.14 3.23 0.00	60.13 3.96 -0.36	67.78 4.79 -3.06	61.46 4.27 -0.96	58.89 3.95 -0.10	50.24 3.02 0.00	47.98 3.14 0.00	43.70 2.40 0.00	41.75 1.80 0.00
LOWER RAQUET___HYD 24057	42.32 -0.60 0.00	42.41 -0.47 0.00	42.49 -0.34 0.00	42.62 -0.35 0.00	42.62 -0.47 0.00	40.41 -0.78 0.00	56.41 -1.74 0.00	54.70 -1.52 0.00	54.76 -1.64 0.00	54.81 -1.40 0.00	50.83 -0.77 0.00	50.69 -0.05 0.00	46.77 0.23 0.00	48.96 0.39 0.00	47.01 0.33 0.00	49.16 0.25 0.00	55.59 -0.22 0.00	57.11 -2.82 0.00	54.94 -1.29 0.00	53.80 -1.04 0.00	46.41 -0.80 0.00	43.94 -0.90 0.00	41.31 0.00 0.00	40.27 0.32 0.00
LOWER___HUDSON 24059	58.58 2.15 -13.51	54.50 2.14 -9.47	50.39 2.14 -5.41	49.85 2.19 -4.70	49.62 2.24 -4.28	57.28 2.14 -13.94	86.75 3.02 -25.58	92.39 2.87 -33.32	77.60 3.04 -18.16	60.89 3.03 -1.64	53.72 2.12 0.00	52.72 1.98 0.00	48.44 1.91 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.43 2.62 0.00	66.61 3.11 -3.56	60.38 2.92 -1.23	57.53 2.69 0.00	49.44 2.22 0.00	46.95 2.11 0.00	42.84 1.53 0.00	41.39 1.44 0.00
LOWVILLE_115KV_TB2 356335	43.24 -0.09 -0.41	43.25 0.09 -0.29	43.47 0.47 -0.16	43.62 0.52 -0.14	43.87 0.65 -0.13	42.36 0.74 -0.42	60.26 1.34 -0.78	58.63 1.41 -1.01	58.30 1.35 -0.55	57.44 1.18 -0.05	52.69 1.08 0.00	51.91 1.17 0.00	47.56 1.02 0.00	49.74 1.17 0.00	47.80 1.12 0.00	50.09 1.17 0.00	57.26 1.45 0.00	61.36 1.32 -0.11	57.73 1.46 -0.04	56.10 1.26 0.00	48.11 0.90 0.00	45.47 0.63 0.00	41.80 0.50 0.00	40.52 0.56 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	59.23 2.58 -13.74	55.08 2.57 -9.63	50.86 2.53 -5.50	50.32 2.58 -4.78	49.99 2.54 -4.35	57.92 2.55 -14.17	87.93 3.78 -26.00	93.79 3.71 -33.87	78.75 3.89 -18.46	61.70 3.82 -1.67	54.60 2.99 0.00	53.59 2.84 0.00	49.18 2.65 0.00	51.34 2.77 0.00	49.24 2.57 0.00	51.75 2.84 0.00	59.21 3.40 0.00	67.57 4.02 -3.62	61.30 3.82 -1.25	58.30 3.45 0.00	50.14 2.93 0.00	47.48 2.65 0.00	43.37 2.07 0.00	41.83 1.88 0.00
LUTHERNY_35_KV_BK2 355980	59.27 2.62 -13.74	55.12 2.62 -9.63	50.86 2.53 -5.50	50.36 2.62 -4.78	50.04 2.59 -4.35	57.96 2.60 -14.17	87.93 3.78 -26.00	93.84 3.77 -33.87	78.80 3.95 -18.46	61.76 3.88 -1.67	54.65 3.04 0.00	53.64 2.89 0.00	49.23 2.70 0.00	51.39 2.82 0.00	49.29 2.61 0.00	51.75 2.84 0.00	59.27 3.46 0.00	67.63 4.08 -3.62	61.36 3.88 -1.25	58.35 3.51 0.00	50.14 2.93 0.00	47.53 2.69 0.00	43.37 2.07 0.00	41.87 1.92 0.00
LWR___OSWEGATCHIE_HYD 23850	42.53 -0.69 -0.30	42.53 -0.56 -0.21	42.61 -0.34 -0.12	42.81 -0.26 -0.10	42.89 -0.30 -0.09	41.09 -0.41 -0.31	57.96 -0.76 -0.56	56.38 -0.56 -0.73	56.18 -0.62 -0.40	55.57 -0.67 -0.04	51.24 -0.36 0.00	50.84 0.10 0.00	46.72 0.19 0.00	48.91 0.34 0.00	46.96 0.28 0.00	49.21 0.29 0.00	55.92 0.11 0.00	58.81 -1.20 -0.08	55.80 -0.45 -0.03	54.40 -0.44 0.00	46.84 -0.38 0.00	44.26 -0.58 0.00	41.18 -0.12 0.00	40.04 0.08 0.00

LYONS_FALL_HYD 23570	43.75 0.43 -0.40	43.71 0.56 -0.28	43.77 0.77 -0.16	43.92 0.81 -0.14	44.17 0.95 -0.13	42.63 1.03 -0.41	60.64 1.74 -0.75	58.98 1.80 -0.97	58.73 1.80 -0.53	57.89 1.63 -0.05	53.05 1.44 0.00	52.22 1.47 0.00	47.83 1.30 0.00	50.03 1.46 0.00	48.03 1.35 0.00	50.34 1.42 0.00	57.54 1.73 0.00	61.83 1.80 -0.10	58.01 1.74 -0.04	56.37 1.53 0.00	48.44 1.23 0.00	45.78 0.94 0.00	42.05 0.74 0.00	40.71 0.76 0.00
MADISON___COUNTY_LFGE 323628	44.57 0.99 -0.66	44.37 1.03 -0.46	44.08 0.99 -0.26	44.27 1.07 -0.23	44.51 1.21 -0.21	43.23 1.36 -0.68	61.73 2.33 -1.25	60.20 2.36 -1.63	59.71 2.43 -0.89	58.54 2.25 -0.08	53.57 1.96 0.00	52.62 1.88 0.00	48.16 1.63 0.00	50.37 1.80 0.00	48.36 1.68 0.00	50.63 1.71 0.00	57.82 2.01 0.00	62.56 2.46 -0.17	58.48 2.19 -0.06	56.76 1.92 0.00	48.73 1.51 0.00	46.14 1.30 0.00	42.22 0.91 0.00	40.87 0.92 0.00
MALONE___115KV_TB1 356076	42.15 -0.77 0.00	42.28 -0.60 0.00	42.49 -0.34 0.00	42.88 -0.09 0.00	42.97 -0.13 0.00	41.07 -0.12 0.00	57.92 -0.23 0.00	56.49 0.28 0.00	56.79 0.39 0.00	56.94 0.73 0.00	52.95 1.34 0.00	52.47 1.73 0.00	48.16 1.63 0.00	50.47 1.89 0.00	48.50 1.82 0.00	50.73 1.81 0.00	57.71 1.90 0.00	60.47 0.54 0.00	57.18 0.96 0.00	55.77 0.93 0.00	48.21 0.99 0.00	45.56 0.72 0.00	42.50 1.20 0.00	41.27 1.32 0.00
MAPLEWOD_115KV_TB3 80458	58.54 2.19 -13.43	54.48 2.19 -9.42	50.35 2.14 -5.38	49.83 2.19 -4.67	49.55 2.20 -4.26	57.19 2.14 -13.85	86.59 3.02 -25.42	92.08 2.75 -33.11	77.43 2.99 -18.05	60.77 2.92 -1.63	53.62 2.01 0.00	52.67 1.93 0.00	48.44 1.91 0.00	50.47 1.89 0.00	48.54 1.87 0.00	50.82 1.91 0.00	58.10 2.29 0.00	66.23 2.76 -3.54	60.04 2.59 -1.23	57.20 2.36 0.00	49.20 1.98 0.00	46.77 1.93 0.00	42.71 1.40 0.00	41.31 1.36 0.00
MAPLE_RIDGE_WT_1 323574	42.28 -0.64 0.00	42.32 -0.56 0.00	42.41 -0.43 0.00	42.58 -0.39 0.00	42.75 -0.35 0.00	40.86 -0.33 0.00	57.63 -0.52 0.00	55.76 -0.45 0.00	55.95 -0.45 0.00	55.87 -0.34 0.00	51.50 -0.10 0.00	50.69 -0.05 0.00	46.49 -0.05 0.00	48.57 0.00 0.00	46.68 0.00 0.00	48.87 -0.05 0.00	55.70 -0.11 0.00	59.39 -0.54 0.00	55.95 -0.28 0.00	54.62 -0.22 0.00	47.08 -0.14 0.00	44.66 -0.18 0.00	41.27 -0.04 0.00	39.96 0.00 0.00
MAPLE_RIDGE_WT_2 323611	42.28 -0.64 0.00	42.32 -0.56 0.00	42.41 -0.43 0.00	42.58 -0.39 0.00	42.75 -0.35 0.00	40.86 -0.33 0.00	57.63 -0.52 0.00	55.76 -0.45 0.00	55.95 -0.45 0.00	55.87 -0.34 0.00	51.50 -0.10 0.00	50.69 -0.05 0.00	46.49 -0.05 0.00	48.57 0.00 0.00	46.68 0.00 0.00	48.87 -0.05 0.00	55.70 -0.11 0.00	59.39 -0.54 0.00	55.95 -0.28 0.00	54.62 -0.22 0.00	47.08 -0.14 0.00	44.66 -0.18 0.00	41.27 -0.04 0.00	39.96 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	41.51 -1.42 0.00	41.63 -1.24 0.00	41.89 -0.94 0.00	42.19 -0.77 0.00	42.41 -0.69 0.00	40.45 -0.74 0.00	57.22 -0.93 0.00	55.82 -0.39 0.00	56.17 -0.22 0.00	56.44 0.23 0.00	52.43 0.82 0.00	51.86 1.11 0.00	47.60 1.07 0.00	49.83 1.26 0.00	47.89 1.21 0.00	50.14 1.22 0.00	56.98 1.17 0.00	60.11 0.18 0.00	56.67 0.45 0.00	55.39 0.55 0.00	47.79 0.57 0.00	45.24 0.40 0.00	42.05 0.74 0.00	40.75 0.80 0.00
MARSHVLE_115KV_TB1 80742	60.48 1.85 -15.72	55.78 1.89 -11.02	50.84 1.71 -6.29	50.28 1.85 -5.47	49.93 1.85 -4.98	59.51 2.10 -16.21	91.45 3.55 -29.75	98.73 3.77 -38.75	81.35 3.84 -21.12	61.60 3.48 -1.91	54.55 2.94 0.00	53.28 2.54 0.00	48.86 2.33 0.00	51.20 2.62 0.00	49.10 2.43 0.00	51.56 2.64 0.00	59.21 3.40 0.00	68.21 4.14 -4.14	61.60 3.94 -1.43	58.30 3.45 0.00	50.00 2.79 0.00	47.21 2.38 0.00	43.00 1.69 0.00	41.31 1.36 0.00
MARSH_HILL_WT_PWR 323713	39.93 -2.57 0.42	40.03 -2.57 0.28	40.17 -2.53 0.14	40.49 -2.36 0.11	41.73 -1.98 -0.62	41.81 -1.65 -2.27	60.80 -1.51 -4.16	60.22 -1.40 -5.42	54.58 -1.24 0.57	54.95 -1.52 -0.25	50.62 -0.98 0.00	49.78 -0.97 0.00	45.18 -1.35 0.00	47.41 -1.17 0.00	45.28 -1.40 0.00	47.40 -1.52 0.00	52.81 -1.67 1.33	58.54 -1.32 0.07	54.19 -1.91 0.13	50.60 -2.30 1.94	45.54 -1.65 0.02	42.77 -2.02 0.05	39.41 -1.90 0.00	38.52 -1.44 0.00
MCINTYRE_115KV_TB2 80467	43.26 0.34 0.00	43.31 0.43 0.00	43.35 0.51 0.00	43.57 0.60 0.00	43.44 0.34 0.00	41.36 0.16 0.00	57.92 -0.23 0.00	56.21 0.00 0.00	56.29 -0.11 0.00	56.15 -0.06 0.00	52.28 0.67 0.00	51.81 1.07 0.00	47.60 1.07 0.00	49.93 1.36 0.00	47.89 1.21 0.00	50.09 1.17 0.00	56.76 0.95 0.00	58.49 -1.44 0.00	56.17 -0.06 0.00	55.01 0.16 0.00	47.55 0.33 0.00	44.93 0.09 0.00	42.13 0.83 0.00	40.99 1.04 0.00
MECO_____69_KV_BK1 80468	62.29 4.25 -15.12	57.76 4.29 -10.60	52.91 4.03 -6.05	52.43 4.21 -5.26	51.98 4.09 -4.79	61.24 4.45 -15.59	93.68 6.92 -28.61	100.62 7.14 -37.27	83.87 7.16 -20.31	64.74 6.69 -1.84	57.44 5.83 0.00	55.77 5.02 0.00	51.32 4.79 0.00	54.01 5.44 0.00	51.62 4.95 0.00	54.30 5.38 0.00	62.39 6.59 0.00	71.53 7.61 -3.99	64.86 7.25 -1.38	61.37 6.53 0.00	52.74 5.52 0.00	49.59 4.75 0.00	45.19 3.88 0.00	43.35 3.40 0.00
MENANDS___115KV_TB5 355628	58.43 2.10 -13.40	54.33 2.06 -9.40	50.26 2.06 -5.37	49.73 2.11 -4.66	49.46 2.11 -4.25	57.08 2.06 -13.83	86.37 2.85 -25.37	91.73 2.47 -33.05	77.12 2.71 -18.01	60.54 2.70 -1.63	53.36 1.75 0.00	52.47 1.73 0.00	48.25 1.72 0.00	50.27 1.70 0.00	48.31 1.63 0.00	50.58 1.66 0.00	57.76 1.95 0.00	65.86 2.40 -3.54	59.70 2.25 -1.22	56.87 2.03 0.00	48.96 1.75 0.00	46.54 1.70 0.00	42.55 1.24 0.00	41.19 1.24 0.00
MG INDUSTRY___DRP 24185	58.01 1.97 -13.11	54.05 1.97 -9.20	50.06 1.97 -5.25	49.50 1.98 -4.56	49.24 1.98 -4.16	56.66 1.94 -13.53	85.65 2.67 -24.82	90.85 2.30 -32.33	76.56 2.54 -17.63	60.28 2.47 -1.59	53.36 1.75 0.00	52.42 1.67 0.00	48.16 1.63 0.00	50.23 1.65 0.00	48.26 1.59 0.00	50.53 1.61 0.00	57.71 1.90 0.00	65.67 2.28 -3.46	59.62 2.19 -1.20	56.81 1.97 0.00	48.92 1.70 0.00	46.50 1.66 0.00	42.55 1.24 0.00	41.23 1.28 0.00
MID___OSWEGATCHIE_HYD 23849	42.53 -0.69 -0.30	42.53 -0.56 -0.21	42.61 -0.34 -0.12	42.81 -0.26 -0.10	42.89 -0.30 -0.09	41.09 -0.41 -0.31	57.96 -0.76 -0.56	56.38 -0.56 -0.73	56.18 -0.62 -0.40	55.57 -0.67 -0.04	51.24 -0.36 0.00	50.84 0.10 0.00	46.72 0.19 0.00	48.91 0.34 0.00	46.96 0.28 0.00	49.21 0.29 0.00	55.92 0.11 0.00	58.81 -1.20 -0.08	55.80 -0.45 -0.03	54.40 -0.44 0.00	46.84 -0.38 0.00	44.26 -0.58 0.00	41.18 -0.12 0.00	40.04 0.08 0.00
MID___RAQUETTE_HYD 23851	42.32 -0.60 0.00	42.41 -0.47 0.00	42.49 -0.34 0.00	42.71 -0.26 0.00	42.67 -0.43 0.00	40.41 -0.78 0.00	56.41 -1.74 0.00	54.69 -1.52 0.00	54.76 -1.64 0.00	54.75 -1.46 0.00	50.78 -0.83 0.00	50.69 -0.05 0.00	46.76 0.23 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.16 0.24 0.00	55.64 -0.17 0.00	57.11 -2.82 0.00	54.88 -1.35 0.00	53.69 -1.15 0.00	46.37 -0.85 0.00	43.85 -0.99 0.00	41.31 0.00 0.00	40.28 0.32 0.00

MILLIKEN___1 23584	48.21 0.13 -5.16	46.56 0.09 -3.60	44.87 0.00 -2.03	44.81 0.09 -1.76	44.18 0.30 -0.78	43.92 0.45 -2.27	63.53 1.22 -4.16	63.04 1.41 -5.42	64.81 1.47 -6.95	57.71 1.24 -0.26	52.64 1.03 0.00	51.71 0.96 0.00	47.28 0.74 0.00	49.45 0.87 0.00	47.42 0.75 0.00	49.70 0.78 0.00	58.99 0.95 -2.24	62.93 1.68 -1.32	58.25 1.41 -0.61	59.16 1.04 -3.28	48.04 0.80 -0.02	45.48 0.58 -0.06	41.51 0.21 0.00	40.24 0.28 0.00
MILLIKEN___2 23585	48.21 0.13 -5.16	46.56 0.09 -3.60	44.87 0.00 -2.03	44.81 0.09 -1.76	44.18 0.30 -0.78	43.92 0.45 -2.27	63.53 1.22 -4.16	63.04 1.41 -5.42	64.81 1.47 -6.95	57.71 1.24 -0.26	52.64 1.03 0.00	51.71 0.96 0.00	47.28 0.74 0.00	49.45 0.87 0.00	47.42 0.75 0.00	49.70 0.78 0.00	58.99 0.95 -2.24	62.93 1.68 -1.32	58.25 1.41 -0.61	59.16 1.04 -3.28	48.04 0.80 -0.02	45.48 0.58 -0.06	41.51 0.21 0.00	40.24 0.28 0.00
MILLIKEN___DIESEL 23629	48.21 0.13 -5.16	46.56 0.09 -3.60	44.87 0.00 -2.03	44.81 0.09 -1.76	44.18 0.30 -0.78	43.92 0.45 -2.27	63.53 1.22 -4.16	63.04 1.41 -5.42	64.81 1.47 -6.95	57.71 1.24 -0.26	52.64 1.03 0.00	51.71 0.96 0.00	47.28 0.74 0.00	49.45 0.87 0.00	47.42 0.75 0.00	49.70 0.78 0.00	58.99 0.95 -2.24	62.93 1.68 -1.32	58.25 1.41 -0.61	59.16 1.04 -3.28	48.04 0.80 -0.02	45.48 0.58 -0.06	41.51 0.21 0.00	40.24 0.28 0.00
MILLSEAT___LFGE 323607	39.09 -4.46 -0.64	38.57 -4.76 -0.45	38.34 -4.76 -0.26	38.81 -4.38 -0.23	39.62 -3.92 -0.45	39.03 -3.71 -1.54	56.04 -4.94 -2.83	54.78 -5.11 -3.68	52.18 -5.08 -0.85	50.47 -5.90 -0.16	46.40 -5.21 0.00	45.87 -4.87 0.00	41.46 -5.07 0.00	43.57 -5.00 0.00	41.54 -5.13 0.00	43.49 -5.43 0.00	48.19 -6.53 1.09	54.54 -5.57 -0.18	50.00 -6.24 -0.01	46.49 -6.75 1.61	41.97 -5.24 0.01	39.71 -5.11 0.02	36.76 -4.54 0.00	36.32 -3.64 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	56.30 2.66 -10.72	53.01 2.62 -7.51	49.70 2.57 -4.29	49.27 2.58 -3.73	49.16 2.67 -3.40	54.85 2.60 -11.06	82.46 4.01 -20.29	87.20 4.16 -26.83	75.88 4.29 -15.20	63.03 4.16 -2.66	55.22 3.61 0.00	54.09 3.35 0.00	49.82 3.21 -0.08	51.78 3.21 0.00	49.81 3.13 0.00	52.39 3.47 0.00	60.59 4.30 -0.49	68.25 5.09 -3.23	61.83 4.61 -0.99	59.25 4.28 -0.14	50.48 3.26 0.00	48.20 3.36 0.00	43.91 2.60 0.00	41.95 2.00 0.00
MILLWOOD_13_KV_LOAD 356217	56.39 2.75 -10.72	53.09 2.70 -7.51	49.78 2.66 -4.29	49.36 2.66 -3.73	49.25 2.76 -3.40	54.89 2.64 -11.06	82.52 4.07 -20.29	87.31 4.27 -26.83	76.05 4.46 -15.20	63.20 4.33 -2.66	55.42 3.82 0.00	54.30 3.55 0.00	49.91 3.30 -0.08	51.88 3.30 0.00	49.95 3.27 0.00	52.54 3.62 0.00	60.76 4.46 -0.49	68.43 5.27 -3.23	61.94 4.72 -0.99	59.36 4.39 -0.14	50.57 3.35 0.00	48.29 3.45 0.00	43.95 2.64 0.00	41.99 2.04 0.00
MODEL_CITY_ENERGY 24167	37.84 -5.71 -0.63	37.32 -6.00 -0.45	37.14 -5.95 -0.26	37.52 -5.67 -0.23	38.31 -5.26 -0.47	37.78 -5.03 -1.61	54.13 -6.98 -2.96	52.81 -7.25 -3.85	50.08 -7.16 -0.84	48.39 -7.98 -0.16	44.54 -7.07 0.00	44.04 -6.70 0.00	39.78 -6.75 0.00	41.82 -6.75 0.00	39.82 -6.86 0.00	41.73 -7.19 0.00	46.03 -8.70 1.08	52.20 -7.91 -0.18	47.80 -8.44 -0.01	44.37 -8.88 1.58	40.27 -6.94 0.01	38.05 -6.77 0.02	35.40 -5.91 0.00	35.08 -4.88 0.00
MODERN_LFGE___ 323580	37.84 -5.71 -0.63	37.32 -6.00 -0.45	37.14 -5.95 -0.26	37.52 -5.67 -0.23	38.31 -5.26 -0.47	37.78 -5.03 -1.61	54.13 -6.98 -2.96	52.81 -7.25 -3.85	50.08 -7.16 -0.84	48.39 -7.98 -0.16	44.54 -7.07 0.00	44.04 -6.70 0.00	39.78 -6.75 0.00	41.82 -6.75 0.00	39.82 -6.86 0.00	41.73 -7.19 0.00	46.03 -8.70 1.08	52.20 -7.91 -0.18	47.80 -8.44 -0.01	44.37 -8.88 1.58	40.27 -6.94 0.01	38.05 -6.77 0.02	35.40 -5.91 0.00	35.08 -4.88 0.00
MOHAWK_PAPER___DRP 24187	58.54 2.19 -13.43	54.48 2.19 -9.42	50.35 2.14 -5.38	49.83 2.19 -4.67	49.55 2.20 -4.26	57.19 2.14 -13.85	86.59 3.02 -25.42	92.08 2.75 -33.11	77.43 2.99 -18.05	60.77 2.92 -1.63	53.62 2.01 0.00	52.67 1.93 0.00	48.44 1.91 0.00	50.47 1.89 0.00	48.54 1.87 0.00	50.82 1.91 0.00	58.10 2.29 0.00	66.23 2.76 -3.54	60.04 2.59 -1.23	57.20 2.36 0.00	49.20 1.98 0.00	46.77 1.93 0.00	42.71 1.40 0.00	41.31 1.36 0.00
MOHICAN__35_KV_115KV_LD 80490	59.59 2.92 -13.75	55.39 2.87 -9.64	51.12 2.78 -5.51	50.63 2.88 -4.78	50.25 2.80 -4.36	58.26 2.88 -14.18	88.53 4.36 -26.02	94.49 4.38 -33.90	79.55 4.68 -18.47	62.43 4.55 -1.67	55.27 3.66 0.00	54.19 3.45 0.00	49.74 3.21 0.00	51.97 3.40 0.00	49.76 3.08 0.00	52.19 3.28 0.00	59.83 4.02 0.00	68.29 4.73 -3.63	61.92 4.44 -1.25	58.90 4.06 0.00	50.62 3.40 0.00	47.84 3.00 0.00	43.62 2.31 0.00	42.03 2.08 0.00
MONGAUP___HYD 23641	54.90 2.06 -9.91	51.80 1.97 -6.95	48.73 1.93 -3.97	48.35 1.94 -3.45	48.26 2.03 -3.14	53.44 2.02 -10.23	79.60 2.68 -18.77	83.20 2.53 -24.45	72.47 2.76 -13.31	60.00 2.59 -1.20	54.03 2.43 0.00	52.97 2.23 0.00	48.59 2.05 -0.01	50.57 1.99 0.00	48.73 2.05 0.00	51.31 2.40 0.00	59.00 3.12 -0.07	66.07 3.47 -2.67	60.11 2.98 -0.91	57.87 3.01 -0.02	49.53 2.31 0.00	47.26 2.42 0.00	43.08 1.77 0.00	41.32 1.36 0.00
MONTAUK___DIESEL 23721	80.30 5.75 -31.63	57.41 6.09 -8.44	53.07 5.91 -4.32	52.93 6.06 -3.91	63.85 6.21 -14.55	71.71 5.73 -24.79	115.51 7.09 -50.26	145.54 7.42 -81.91	138.26 7.44 -74.42	122.28 7.42 -58.65	68.35 8.31 -8.44	65.09 7.66 -6.68	64.46 7.03 -10.91	64.16 7.09 -8.49	63.43 6.91 -9.84	64.52 7.39 -8.22	74.60 8.99 -9.81	94.37 9.77 -24.67	84.78 8.88 -19.67	75.38 8.61 -11.93	65.40 6.70 -11.47	62.57 6.86 -10.88	56.45 5.45 -9.69	54.20 4.71 -9.53
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.87 -4.64 -0.59	38.41 -4.89 -0.42	38.24 -4.84 -0.25	38.67 -4.51 -0.22	39.28 -4.35 -0.54	39.31 -3.75 -1.86	57.09 -4.48 -3.41	56.16 -4.50 -4.45	52.73 -4.46 -0.78	51.68 -4.72 -0.19	48.35 -3.25 0.00	47.85 -2.89 0.00	43.27 -3.26 0.00	45.46 -3.11 0.00	43.18 -3.50 0.00	44.86 -4.06 0.00	50.49 -4.24 1.08	55.49 -4.61 -0.17	51.90 -4.33 0.00	48.38 -4.88 1.58	42.77 -4.44 0.01	40.42 -4.39 0.02	37.13 -4.17 0.00	36.64 -3.32 0.00
MORTIMER_115KV_TB3 55949	40.62 -2.96 -0.67	40.18 -3.17 -0.47	39.94 -3.17 -0.27	40.11 -3.09 -0.24	41.12 -2.37 -0.39	40.30 -2.22 -1.33	57.80 -2.79 -2.44	56.57 -2.81 -3.17	54.47 -2.82 -0.89	53.28 -3.09 -0.16	48.15 -3.46 0.00	47.55 -3.20 0.00	43.18 -3.35 0.00	45.27 -3.30 0.00	43.32 -3.36 0.00	45.20 -3.72 0.00	50.32 -4.35 1.13	57.06 -3.06 -0.19	52.37 -3.88 -0.02	49.01 -4.17 1.67	43.95 -3.26 0.01	41.51 -3.32 0.01	38.25 -3.06 0.00	37.48 -2.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	56.77 3.05 -10.80	53.41 2.96 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.46	102.15 4.78 -41.16	105.17 4.91 -43.87	112.38 4.78 -51.39	55.73 4.13 0.00	54.60 3.86 0.00	52.10 3.68 -1.89	52.37 3.69 -0.10	50.42 3.64 -0.10	52.93 4.01 0.00	72.97 4.91 -12.25	78.67 5.75 -12.98	62.59 5.23 -1.14	63.06 4.88 -3.34	50.95 3.73 0.00	48.80 3.86 -0.10	44.32 3.02 0.00	42.27 2.32 0.00

MUNSVILLE_WIND_PWR 323609	50.97 3.00 -5.05	49.41 3.00 -3.53	47.58 2.74 -2.00	47.62 2.92 -1.74	47.50 3.27 -1.13	48.21 3.50 -3.52	70.65 6.05 -6.45	70.86 6.24 -8.41	69.45 6.26 -6.79	62.41 5.79 -0.41	56.97 5.37 0.00	55.97 5.23 0.00	51.09 4.56 0.00	53.53 4.96 0.00	51.25 4.58 0.00	53.81 4.89 0.00	62.99 5.91 -1.27	68.31 7.07 -1.31	63.07 6.30 -0.54	62.36 5.65 -1.87	51.86 4.63 -0.01	48.73 3.86 -0.03	44.32 3.01 0.00	42.87 2.92 0.00
N SALMON___HYD 24042	42.15 -0.77 0.00	42.28 -0.60 0.00	42.49 -0.34 0.00	42.84 -0.13 0.00	42.97 -0.13 0.00	41.07 -0.12 0.00	57.86 -0.29 0.00	56.49 0.28 0.00	56.80 0.40 0.00	57.00 0.79 0.00	52.95 1.34 0.00	52.47 1.73 0.00	48.16 1.63 0.00	50.47 1.89 0.00	48.50 1.82 0.00	50.73 1.81 0.00	57.65 1.84 0.00	60.47 0.54 0.00	57.18 0.95 0.00	55.88 1.04 0.00	48.25 1.04 0.00	45.65 0.81 0.00	42.51 1.20 0.00	41.27 1.32 0.00
N.AKRON___115KV_KNAPP 355671	39.05 -4.51 -0.63	38.57 -4.76 -0.45	38.30 -4.80 -0.26	38.47 -4.73 -0.23	39.50 -4.05 -0.45	38.91 -3.83 -1.55	56.00 -5.00 -2.85	54.69 -5.23 -3.71	52.06 -5.19 -0.85	50.81 -5.56 -0.16	46.24 -5.37 0.00	45.77 -4.97 0.00	41.37 -5.16 0.00	43.52 -5.05 0.00	41.45 -5.23 0.00	43.14 -5.77 0.00	48.08 -6.64 1.09	54.42 -5.69 -0.18	50.00 -6.24 -0.01	46.77 -6.47 1.60	41.97 -5.24 0.01	39.71 -5.11 0.02	36.72 -4.59 0.00	36.36 -3.60 0.00
N.BELMOR_69_KV_BK1 55787	78.24 3.69 -31.63	54.92 3.60 -8.44	50.63 3.47 -4.32	50.40 3.52 -3.91	61.31 3.66 -14.55	69.56 3.58 -24.79	113.88 5.47 -50.26	143.68 5.56 -81.91	136.52 5.70 -74.42	120.42 5.56 -58.65	64.90 4.85 -8.44	61.99 4.57 -6.68	61.76 4.33 -10.91	61.44 4.37 -8.49	60.81 4.29 -9.84	61.78 4.65 -8.22	71.31 5.69 -9.81	91.20 6.59 -24.67	81.97 6.07 -19.67	72.42 5.65 -11.93	63.08 4.39 -11.47	60.15 4.44 -10.88	54.59 3.59 -9.69	52.44 2.96 -9.53
N.E_GEN_SANDY PD 24062	57.62 2.40 -12.30	53.90 2.40 -8.62	50.20 2.44 -4.92	50.20 2.45 -4.79	51.35 2.54 -5.71	58.24 2.39 -14.65	82.83 3.37 -21.31	89.73 3.20 -30.32	76.31 3.38 -16.52	61.08 3.37 -1.49	53.98 2.38 0.00	52.97 2.23 0.00	48.72 2.19 0.00	50.76 2.19 0.00	48.87 2.19 0.00	51.41 2.49 0.00	58.99 3.18 0.00	66.89 3.72 -3.24	60.78 3.43 -1.12	58.02 3.18 0.00	49.81 2.60 0.00	47.39 2.55 0.00	43.17 1.86 0.00	41.59 1.64 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	55.76 2.40 -10.43	52.59 2.40 -7.31	49.37 2.36 -4.18	48.96 2.36 -3.63	48.90 2.50 -3.31	54.35 2.39 -10.77	81.57 3.66 -19.75	86.05 3.82 -26.02	74.94 3.95 -14.59	62.29 3.82 -2.26	54.96 3.35 0.00	53.89 3.15 0.00	49.57 2.98 -0.06	51.54 2.96 0.00	49.62 2.94 0.00	52.19 3.28 0.00	60.24 4.07 -0.36	67.89 4.91 -3.04	61.57 4.39 -0.96	59.00 4.06 -0.10	50.29 3.07 0.00	48.02 3.18 0.00	43.74 2.44 0.00	41.79 1.84 0.00
N.QUEENS_27_KV_LOAD 356247	57.29 3.56 -10.81	53.98 3.52 -7.58	50.68 3.51 -4.33	50.17 3.44 -3.77	50.06 3.53 -3.43	55.81 3.46 -11.16	83.79 5.18 -20.46	100.72 5.23 -39.28	101.84 5.36 -40.08	106.32 5.17 -44.93	55.99 4.39 0.00	54.90 4.16 0.00	52.13 3.96 -1.64	52.59 3.93 -0.08	50.68 3.92 -0.08	53.17 4.26 0.00	69.88 5.25 -8.83	76.32 6.23 -10.15	63.02 5.68 -1.11	63.01 5.26 -2.91	51.14 3.92 0.00	49.09 4.17 -0.08	44.69 3.39 0.00	42.51 2.56 0.00
N.TROY___115KV_TB1 355778	58.58 2.15 -13.51	54.50 2.14 -9.47	50.39 2.14 -5.41	49.86 2.19 -4.70	49.62 2.24 -4.28	57.28 2.14 -13.94	86.75 3.02 -25.58	92.40 2.87 -33.32	77.60 3.05 -18.16	60.89 3.04 -1.64	53.72 2.12 0.00	52.72 1.98 0.00	48.44 1.91 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.43 2.62 0.00	66.61 3.12 -3.56	60.44 2.98 -1.23	57.58 2.74 0.00	49.44 2.22 0.00	46.99 2.15 0.00	42.84 1.53 0.00	41.39 1.44 0.00
NARROWS_GT1_1 24228	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT1_2 24229	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT1_3 24230	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT1_4 24231	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT1_5 24232	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT1_6 24233	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT1_7 24234	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00

NARROWS_GT1_8 24235	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_1 24236	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_2 24237	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_3 24238	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_4 24239	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_5 24240	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_6 24241	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_7 24242	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NARROWS_GT2_8 24243	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	58.09 2.53 -12.64	54.22 2.49 -8.86	50.29 2.40 -5.06	49.81 2.45 -4.40	49.56 2.46 -4.00	56.70 2.47 -13.04	85.38 3.31 -23.92	89.95 2.59 -31.16	76.32 2.93 -16.99	60.61 2.87 -1.54	53.67 2.06 0.00	52.77 2.03 0.00	48.39 1.86 0.00	50.42 1.85 0.00	48.50 1.82 0.00	50.82 1.91 0.00	58.15 2.34 0.00	65.78 2.52 -3.34	59.86 2.47 -1.15	57.25 2.41 0.00	49.34 2.12 0.00	46.81 1.97 0.00	42.79 1.49 0.00	41.71 1.76 0.00
NCHELSEA_115KV_TR2 355582	56.63 2.79 -10.92	53.24 2.70 -7.66	49.86 2.66 -4.37	49.43 2.66 -3.80	49.32 2.76 -3.46	55.15 2.68 -11.28	82.91 4.07 -20.69	87.27 4.10 -26.95	75.49 4.34 -14.75	61.76 4.22 -1.33	55.17 3.56 0.00	54.09 3.35 0.00	49.60 3.07 0.00	51.59 3.01 0.00	49.71 3.03 0.00	52.34 3.42 0.00	60.05 4.24 0.00	67.86 5.03 -2.89	61.78 4.55 -1.00	59.01 4.17 0.00	50.48 3.26 0.00	48.16 3.32 0.00	43.83 2.52 0.00	41.99 2.04 0.00
NEG CAPITAL___MECHNVIL 23645	59.25 2.66 -13.67	55.12 2.66 -9.58	50.92 2.61 -5.47	50.38 2.66 -4.76	50.06 2.63 -4.33	57.93 2.64 -14.10	87.92 3.90 -25.87	93.68 3.77 -33.70	78.77 4.00 -18.37	61.80 3.93 -1.66	54.65 3.04 0.00	53.63 2.89 0.00	49.28 2.74 0.00	51.44 2.87 0.00	49.34 2.66 0.00	51.80 2.89 0.00	59.38 3.57 0.00	67.67 4.13 -3.60	61.35 3.88 -1.25	58.40 3.56 0.00	50.24 3.02 0.00	47.57 2.74 0.00	43.41 2.11 0.00	41.91 1.96 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.58 -3.13 -0.79	40.14 -3.30 -0.56	39.82 -3.34 -0.32	40.28 -2.96 -0.28	40.90 -2.58 -0.38	40.10 -2.39 -1.29	57.56 -2.96 -2.37	56.49 -2.81 -3.09	54.70 -2.76 -1.06	52.93 -3.43 -0.16	48.36 -3.25 0.00	47.65 -3.10 0.00	43.37 -3.17 0.00	45.42 -3.16 0.00	43.46 -3.22 0.00	45.54 -3.37 0.00	50.33 -4.24 1.24	57.03 -3.12 -0.22	52.72 -3.54 -0.03	48.90 -4.11 1.82	43.96 -3.26 0.00	41.56 -3.27 0.01	38.17 -3.14 0.00	37.28 -2.68 0.00
NEG CENTRAL___DRP 24199	42.44 -1.16 -0.68	42.12 -1.24 -0.48	41.83 -1.29 -0.28	42.01 -1.20 -0.25	42.66 -0.86 -0.42	41.94 -0.70 -1.45	60.40 -0.41 -2.66	59.45 -0.22 -3.46	57.14 -0.17 -0.91	55.99 -0.39 -0.17	51.14 -0.46 0.00	50.29 -0.46 0.00	45.88 -0.65 0.00	47.99 -0.58 0.00	46.02 -0.65 0.00	48.13 -0.78 0.00	57.16 -0.95 -2.30	59.88 -0.24 -0.19	55.86 -0.51 -0.14	57.37 -0.88 -3.41	46.46 -0.76 0.01	43.88 -0.94 0.01	40.23 -1.07 0.00	39.12 -0.84 0.00
NEG CENTRAL___INDECK 23768	41.39 -1.76 -0.23	41.08 -1.97 -0.17	40.93 -2.01 -0.11	41.43 -1.63 -0.10	42.51 -1.12 -0.54	42.22 -0.87 -1.90	61.11 -0.52 -3.48	60.41 -0.34 -4.53	56.37 -0.34 -0.31	55.36 -1.07 -0.22	50.62 -0.98 0.00	49.83 -0.91 0.00	45.18 -1.35 0.00	47.41 -1.17 0.00	45.42 -1.26 0.00	47.40 -1.52 0.00	53.04 -1.73 1.04	59.47 -0.54 -0.08	54.90 -1.29 0.04	51.39 -1.92 1.53	45.83 -1.37 0.01	43.20 -1.61 0.03	39.65 -1.65 0.00	38.76 -1.20 0.00

NEG CENTRAL___SENECA 23627	41.85 -1.29 -0.22	41.67 -1.37 -0.16	41.53 -1.41 -0.10	41.73 -1.33 -0.09	42.60 -0.95 -0.45	42.10 -0.70 -1.60	60.74 -0.35 -2.94	59.87 -0.17 -3.83	56.57 -0.11 -0.29	56.00 -0.39 -0.19	51.19 -0.41 0.00	50.34 -0.41 0.00	45.83 -0.70 0.00	48.04 -0.53 0.00	46.02 -0.65 0.00	48.08 -0.83 0.00	58.46 -1.06 -3.71	59.77 -0.24 -0.08	55.80 -0.56 -0.14	59.35 -0.99 -5.49	46.40 -0.80 0.01	43.74 -1.08 0.03	40.15 -1.16 0.00	39.12 -0.84 0.00
NEG CENTRAL___STATE_STREET 24147	43.84 -0.77 -1.69	43.25 -0.81 -1.18	42.61 -0.90 -0.67	42.73 -0.82 -0.58	42.98 -0.56 -0.45	42.24 -0.37 -1.42	60.76 0.00 -2.60	59.83 0.22 -3.39	59.00 0.34 -2.27	56.60 0.22 -0.17	51.66 0.05 0.00	50.69 -0.05 0.00	46.35 -0.19 0.00	48.48 -0.10 0.00	46.49 -0.19 0.00	48.62 -0.29 0.00	56.29 -0.39 -0.87	60.61 0.24 -0.44	56.43 0.00 -0.20	55.79 -0.33 -1.28	46.94 -0.28 0.00	44.35 -0.49 -0.01	40.60 -0.70 0.00	39.36 -0.60 0.00
NEG MILLWOOD___DRP 24198	56.99 3.05 -11.02	53.52 2.92 -7.73	50.12 2.87 -4.41	49.68 2.88 -3.83	49.48 2.89 -3.49	55.43 2.80 -11.43	83.43 4.30 -20.98	88.04 4.50 -27.33	76.17 4.85 -14.92	62.22 4.67 -1.35	55.68 4.08 0.00	54.55 3.81 0.00	49.97 3.44 0.00	51.93 3.35 0.00	49.99 3.31 0.00	52.68 3.77 0.00	60.44 4.63 0.00	68.43 5.57 -2.93	62.13 4.89 -1.01	59.39 4.55 0.00	50.71 3.49 0.00	48.38 3.54 0.00	43.95 2.64 0.00	42.07 2.12 0.00
NEG NORTH_FLCN_SEA 23793	41.89 -1.03 0.00	42.02 -0.86 0.00	42.28 -0.56 0.00	42.71 -0.26 0.00	42.88 -0.22 0.00	40.74 -0.45 0.00	57.69 -0.47 0.00	56.27 0.06 0.00	56.62 0.23 0.00	56.83 0.62 0.00	52.84 1.24 0.00	52.27 1.52 0.00	47.97 1.44 0.00	50.23 1.65 0.00	48.26 1.59 0.00	50.48 1.57 0.00	57.48 1.67 0.00	60.65 0.72 0.00	57.13 0.90 0.00	55.72 0.88 0.00	48.11 0.90 0.00	45.47 0.63 0.00	42.30 0.99 0.00	41.03 1.08 0.00
NEG NORTH_KES_CHATEGAY 23792	41.68 -1.24 0.00	41.76 -1.11 0.00	42.02 -0.81 0.00	42.41 -0.56 0.00	42.54 -0.56 0.00	40.66 -0.54 0.00	57.40 -0.76 0.00	55.99 -0.22 0.00	56.29 -0.11 0.00	56.49 0.28 0.00	52.59 0.98 0.00	52.01 1.27 0.00	47.74 1.21 0.00	49.98 1.41 0.00	48.03 1.35 0.00	50.29 1.37 0.00	57.20 1.40 0.00	60.29 0.36 0.00	56.85 0.62 0.00	55.50 0.66 0.00	47.97 0.76 0.00	45.33 0.49 0.00	42.22 0.91 0.00	40.95 1.00 0.00
NEG NORTH___ALICE_FALLS 23915	41.98 -0.94 0.00	42.11 -0.77 0.00	42.41 -0.43 0.00	42.83 -0.13 0.00	43.01 -0.09 0.00	41.03 -0.16 0.00	58.04 -0.12 0.00	56.89 0.67 0.00	57.25 0.85 0.00	57.39 1.18 0.00	53.41 1.81 0.00	52.77 2.03 0.00	48.44 1.91 0.00	50.71 2.14 0.00	48.78 2.10 0.00	51.02 2.10 0.00	58.15 2.34 0.00	61.37 1.44 0.00	57.80 1.57 0.00	56.27 1.43 0.00	48.63 1.42 0.00	45.91 1.08 0.00	42.67 1.36 0.00	41.39 1.44 0.00
NEG NORTH___LWR_SARANAC 23913	41.98 -0.94 0.00	42.11 -0.77 0.00	42.41 -0.43 0.00	42.83 -0.13 0.00	43.01 -0.09 0.00	41.03 -0.16 0.00	58.04 -0.12 0.00	56.89 0.67 0.00	57.25 0.85 0.00	57.39 1.18 0.00	53.41 1.81 0.00	52.77 2.03 0.00	48.44 1.91 0.00	50.71 2.14 0.00	48.78 2.10 0.00	51.02 2.10 0.00	58.15 2.34 0.00	61.37 1.44 0.00	57.80 1.57 0.00	56.27 1.43 0.00	48.63 1.42 0.00	45.91 1.08 0.00	42.67 1.36 0.00	41.39 1.44 0.00
NEG NORTH___PLATTSBURG 23628	41.98 -0.94 0.00	42.11 -0.77 0.00	42.41 -0.43 0.00	42.75 -0.21 0.00	42.97 -0.13 0.00	41.03 -0.16 0.00	58.04 -0.12 0.00	56.89 0.68 0.00	57.25 0.85 0.00	57.50 1.29 0.00	53.41 1.81 0.00	52.78 2.03 0.00	48.44 1.91 0.00	50.71 2.13 0.00	48.78 2.10 0.00	51.02 2.10 0.00	58.10 2.29 0.00	61.37 1.44 0.00	57.80 1.57 0.00	56.37 1.53 0.00	48.68 1.47 0.00	46.00 1.16 0.00	42.67 1.36 0.00	41.39 1.44 0.00
NEG WEST_LEA_LOCKPORT 23791	38.05 -5.49 -0.63	37.58 -5.75 -0.44	37.36 -5.74 -0.26	37.48 -5.71 -0.23	38.43 -5.13 -0.46	37.89 -4.90 -1.60	54.51 -6.57 -2.93	53.06 -6.97 -3.82	50.30 -6.94 -0.84	49.06 -7.31 -0.16	44.79 -6.81 0.00	44.35 -6.39 0.00	40.06 -6.47 0.00	42.11 -6.46 0.00	40.10 -6.58 0.00	41.73 -7.19 0.00	46.36 -8.37 1.08	52.50 -7.61 -0.18	48.25 -7.98 -0.01	45.08 -8.17 1.59	40.60 -6.61 0.01	38.50 -6.32 0.02	35.69 -5.62 0.00	35.48 -4.48 0.00
NEG WEST___LANCASTR 23811	38.84 -4.72 -0.64	38.79 -4.55 -0.45	38.26 -4.84 -0.27	38.34 -4.85 -0.24	37.98 -5.65 -0.53	37.76 -5.27 -1.84	54.66 -6.86 -3.37	53.63 -6.97 -4.39	50.48 -6.77 -0.85	49.20 -7.19 -0.19	47.48 -4.13 0.00	46.89 -3.86 0.00	42.44 -4.09 0.00	44.59 -3.98 0.00	42.43 -4.25 0.00	44.22 -4.70 0.00	50.78 -3.96 1.06	53.46 -6.65 -0.18	51.74 -4.50 -0.01	48.84 -4.44 1.56	42.77 -4.44 0.01	41.00 -3.81 0.02	37.38 -3.92 0.00	36.64 -3.32 0.00
NEG_PENN_ALLEGHNY 23528	46.28 -0.21 -3.57	45.17 -0.21 -2.51	43.97 -0.30 -1.43	43.99 -0.21 -1.24	44.19 -0.04 -1.13	44.92 0.04 -3.69	65.44 0.52 -6.76	65.64 0.62 -8.81	61.88 0.68 -4.80	57.14 0.50 -0.43	52.12 0.52 0.00	51.20 0.46 0.00	46.81 0.28 0.00	48.92 0.34 0.00	46.91 0.23 0.00	49.21 0.30 0.00	56.36 0.39 -0.15	61.71 0.84 -0.94	57.07 0.50 -0.34	55.29 0.22 -0.23	47.45 0.24 0.00	44.93 0.09 0.00	41.22 -0.08 0.00	39.92 -0.04 0.00
NEG___GEN_MONROE 24207	40.54 -3.05 -0.66	40.09 -3.26 -0.47	39.85 -3.26 -0.27	40.02 -3.18 -0.24	41.03 -2.46 -0.39	40.27 -2.27 -1.34	57.59 -3.02 -2.46	56.27 -3.15 -3.20	54.19 -3.10 -0.89	52.94 -3.43 -0.16	47.94 -3.66 0.00	47.34 -3.40 0.00	42.90 -3.63 0.00	44.93 -3.64 0.00	42.94 -3.73 0.00	44.71 -4.21 0.00	49.82 -4.86 1.13	56.46 -3.66 -0.18	52.03 -4.22 -0.02	48.68 -4.50 1.66	43.58 -3.64 0.01	41.24 -3.59 0.01	38.08 -3.22 0.00	37.40 -2.56 0.00
NEPA___ENERGY 23901	39.06 -4.51 -0.64	38.75 -4.59 -0.46	38.44 -4.67 -0.27	38.56 -4.64 -0.24	39.16 -4.48 -0.54	38.91 -4.16 -1.87	56.29 -5.29 -3.44	55.23 -5.45 -4.47	51.73 -5.53 -0.86	50.44 -5.96 -0.19	47.12 -4.49 0.00	46.48 -4.26 0.00	42.06 -4.47 0.00	44.20 -4.37 0.00	42.06 -4.62 0.00	43.83 -5.09 0.00	49.33 -5.41 1.07	54.42 -5.69 -0.19	50.90 -5.34 -0.01	47.68 -5.59 1.57	42.39 -4.82 0.01	40.20 -4.62 0.02	37.09 -4.21 0.00	36.48 -3.48 0.00
NEVERSINK___HYD 23608	54.94 2.27 -9.75	51.90 2.19 -6.84	48.84 2.10 -3.90	48.46 2.10 -3.39	48.47 2.28 -3.09	53.48 2.22 -10.06	80.10 3.49 -18.46	83.75 3.49 -24.05	73.20 3.66 -13.14	60.88 3.49 -1.19	54.55 2.94 0.00	53.53 2.79 0.00	47.65 1.11 0.00	49.60 1.02 0.00	47.80 1.12 0.00	50.34 1.42 0.00	57.87 2.07 0.00	65.33 2.82 -2.58	59.48 2.36 -0.89	56.81 1.97 0.00	49.91 2.69 0.00	47.62 2.78 0.00	43.37 2.06 0.00	41.51 1.56 0.00
NEWKRMKL_115KV_TB1 55635	58.39 2.06 -13.41	54.29 2.02 -9.40	50.22 2.01 -5.37	49.69 2.06 -4.66	49.41 2.07 -4.25	57.04 2.02 -13.83	86.26 2.73 -25.38	91.63 2.36 -33.05	77.01 2.59 -18.01	60.43 2.59 -1.63	53.31 1.70 0.00	52.42 1.67 0.00	48.16 1.63 0.00	50.23 1.65 0.00	48.26 1.59 0.00	50.43 1.52 0.00	57.54 1.73 0.00	65.62 2.16 -3.54	59.48 2.02 -1.22	56.65 1.81 0.00	48.82 1.61 0.00	46.41 1.57 0.00	42.42 1.12 0.00	41.15 1.20 0.00

NEWTON___FALLS_HYD 23847	42.53 -0.69 -0.30	42.53 -0.56 -0.21	42.61 -0.34 -0.12	42.81 -0.26 -0.10	42.89 -0.30 -0.09	41.09 -0.41 -0.31	57.96 -0.76 -0.56	56.38 -0.56 -0.73	56.18 -0.62 -0.40	55.57 -0.67 -0.04	51.24 -0.36 0.00	50.84 0.10 0.00	46.72 0.19 0.00	48.91 0.34 0.00	46.96 0.28 0.00	49.21 0.29 0.00	55.92 0.11 0.00	58.81 -1.20 -0.08	55.80 -0.45 -0.03	54.40 -0.44 0.00	46.84 -0.38 0.00	44.26 -0.58 0.00	41.18 -0.12 0.00	40.04 0.08 0.00
NGRID_A1_DSASP 323792	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	37.27 -5.93 -0.23	38.26 -5.30 -0.47	37.67 -5.15 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	47.99 -8.38 -0.16	44.12 -7.48 0.00	43.69 -7.05 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.34 -7.58 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.36 -8.88 -0.01	43.95 -9.32 1.57	39.94 -7.27 0.01	37.69 -7.13 0.02	35.11 -6.20 0.00	34.80 -5.15 0.00
NGRID_A2_DSASP 323793	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	37.27 -5.93 -0.23	38.26 -5.30 -0.47	37.67 -5.15 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	47.99 -8.38 -0.16	44.12 -7.48 0.00	43.69 -7.05 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.34 -7.58 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.36 -8.88 -0.01	43.95 -9.32 1.57	39.94 -7.27 0.01	37.69 -7.13 0.02	35.11 -6.20 0.00	34.80 -5.15 0.00
NGRID_A4_DSASP 323807	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	37.27 -5.93 -0.23	38.26 -5.30 -0.47	37.67 -5.15 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	47.99 -8.38 -0.16	44.12 -7.48 0.00	43.69 -7.05 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.34 -7.58 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.36 -8.88 -0.01	43.95 -9.32 1.57	39.94 -7.27 0.01	37.69 -7.13 0.02	35.11 -6.20 0.00	34.80 -5.15 0.00
NIAGARA_115E_LBMP 323715	37.67 -5.88 -0.63	37.15 -6.17 -0.45	36.97 -6.13 -0.26	37.35 -5.84 -0.23	38.14 -5.43 -0.47	37.59 -5.23 -1.63	53.81 -7.33 -2.98	52.51 -7.59 -3.89	49.79 -7.45 -0.84	48.11 -8.26 -0.16	44.22 -7.38 0.00	43.79 -6.95 0.00	39.55 -6.98 0.00	41.58 -6.99 0.00	39.58 -7.09 0.00	41.48 -7.43 0.00	45.69 -9.04 1.07	51.84 -8.27 -0.18	47.47 -8.77 -0.01	44.05 -9.21 1.58	40.03 -7.18 0.01	37.78 -7.04 0.02	35.19 -6.11 0.00	34.88 -5.08 0.00
NIAGARA_115W_LBMP 323714	37.41 -6.14 -0.63	36.94 -6.39 -0.45	36.72 -6.38 -0.26	37.18 -6.02 -0.23	38.18 -5.39 -0.47	37.62 -5.19 -1.62	53.68 -7.44 -2.97	52.38 -7.70 -3.87	49.63 -7.62 -0.84	47.88 -8.49 -0.16	43.97 -7.64 0.00	43.54 -7.21 0.00	39.32 -7.21 0.00	41.34 -7.24 0.00	39.35 -7.33 0.00	41.24 -7.68 0.00	45.37 -9.37 1.07	51.66 -8.45 -0.18	47.24 -9.00 -0.01	43.84 -9.43 1.57	39.85 -7.36 0.01	37.60 -7.22 0.02	35.03 -6.28 0.00	34.68 -5.27 0.00
NIAGARA_230_LBMP 323716	38.10 -5.45 -0.63	37.63 -5.70 -0.45	37.40 -5.70 -0.26	37.82 -5.37 -0.23	38.69 -4.87 -0.46	38.06 -4.74 -1.60	54.57 -6.51 -2.93	53.28 -6.75 -3.82	50.48 -6.77 -0.85	48.77 -7.59 -0.15	44.85 -6.76 0.00	44.35 -6.40 0.00	40.07 -6.47 0.00	42.11 -6.46 0.00	40.10 -6.58 0.00	42.02 -6.90 0.00	46.37 -8.37 1.06	52.62 -7.49 -0.18	48.14 -8.10 -0.01	44.78 -8.50 1.56	40.60 -6.61 0.01	38.32 -6.50 0.02	35.69 -5.62 0.00	35.32 -4.63 0.00
NIAGARA___115KV_198_GIBSON 55903	37.41 -6.14 -0.63	36.94 -6.39 -0.45	36.72 -6.38 -0.26	36.84 -6.36 -0.23	38.09 -5.47 -0.47	37.50 -5.31 -1.62	53.68 -7.44 -2.97	52.38 -7.70 -3.87	49.63 -7.61 -0.84	48.38 -7.98 -0.16	43.92 -7.69 0.00	43.54 -7.21 0.00	39.32 -7.21 0.00	41.34 -7.24 0.00	39.35 -7.33 0.00	40.94 -7.97 0.00	45.37 -9.38 1.07	51.60 -8.51 -0.18	47.24 -9.00 -0.01	44.17 -9.10 1.57	39.89 -7.32 0.01	37.65 -7.17 0.02	35.03 -6.28 0.00	34.76 -5.19 0.00
NIAGARA____ 23760	38.10 -5.45 -0.63	37.62 -5.70 -0.45	37.40 -5.70 -0.26	37.82 -5.37 -0.23	38.70 -4.87 -0.47	38.08 -4.74 -1.62	54.61 -6.51 -2.97	53.32 -6.75 -3.86	50.47 -6.77 -0.85	48.78 -7.59 -0.16	44.85 -6.76 0.00	44.35 -6.40 0.00	40.07 -6.47 0.00	42.11 -6.46 0.00	40.10 -6.58 0.00	42.02 -6.90 0.00	46.37 -8.37 1.07	52.62 -7.49 -0.18	48.14 -8.10 -0.01	44.77 -8.50 1.57	40.60 -6.61 0.01	38.32 -6.50 0.02	35.69 -5.62 0.00	35.32 -4.63 0.00
NINE_MILE_1 23575	41.74 -1.84 -0.67	41.46 -1.89 -0.47	41.22 -1.88 -0.27	41.39 -1.80 -0.23	41.63 -1.68 -0.21	40.32 -1.57 -0.69	57.38 -2.04 -1.26	55.95 -1.91 -1.65	55.38 -1.92 -0.90	54.27 -2.02 -0.08	49.65 -1.96 0.00	48.76 -1.98 0.00	44.67 -1.86 0.00	46.68 -1.90 0.00	44.81 -1.87 0.00	46.96 -1.96 0.00	53.52 -2.29 0.00	58.07 -2.04 -0.18	54.21 -2.08 -0.06	52.59 -2.25 0.00	45.33 -1.89 0.00	43.00 -1.84 0.00	39.49 -1.82 0.00	38.24 -1.72 0.00
NINE_MILE_2 23744	41.74 -1.84 -0.67	41.46 -1.89 -0.47	41.22 -1.88 -0.27	41.39 -1.80 -0.23	41.63 -1.68 -0.21	40.32 -1.57 -0.69	57.38 -2.04 -1.26	55.94 -1.91 -1.64	55.43 -1.86 -0.89	54.27 -2.02 -0.08	49.65 -1.96 0.00	48.82 -1.93 0.00	44.67 -1.86 0.00	46.68 -1.90 0.00	44.81 -1.87 0.00	46.96 -1.96 0.00	53.52 -2.29 0.00	58.07 -2.04 -0.18	54.21 -2.08 -0.06	52.59 -2.25 0.00	45.33 -1.89 0.00	43.00 -1.84 0.00	39.49 -1.82 0.00	38.24 -1.72 0.00
NM_CAPITAL___DRP 24208	58.35 2.06 -13.37	54.27 2.02 -9.38	50.20 2.01 -5.35	49.68 2.06 -4.65	49.40 2.07 -4.24	57.01 2.02 -13.79	86.19 2.73 -25.31	91.54 2.36 -32.97	77.02 2.65 -17.97	60.48 2.64 -1.63	53.31 1.70 0.00	52.37 1.62 0.00	48.16 1.63 0.00	50.18 1.60 0.00	48.26 1.59 0.00	50.48 1.57 0.00	57.65 1.84 0.00	65.73 2.28 -3.53	59.58 2.14 -1.22	56.76 1.92 0.00	48.87 1.65 0.00	46.45 1.61 0.00	42.46 1.16 0.00	41.15 1.20 0.00
NM_CENTRAL___DRP 24181	42.73 -1.16 -0.96	42.35 -1.20 -0.68	41.98 -1.24 -0.39	42.10 -1.20 -0.34	42.41 -0.99 -0.31	41.33 -0.87 -1.00	59.05 -0.93 -1.83	57.86 -0.73 -2.38	57.02 -0.68 -1.30	55.54 -0.79 -0.12	50.68 -0.93 0.00	49.83 -0.91 0.00	45.60 -0.93 0.00	47.60 -0.97 0.00	45.74 -0.93 0.00	47.89 -1.03 0.00	54.64 -1.17 0.00	59.47 -0.72 -0.25	55.42 -0.90 -0.09	53.74 -1.10 0.00	46.27 -0.94 0.00	43.81 -1.03 0.00	40.19 -1.12 0.00	38.92 -1.04 0.00
NM_FRONTIER___DRP 24179	37.41 -6.14 -0.63	36.94 -6.39 -0.45	36.72 -6.38 -0.26	36.84 -6.36 -0.23	38.09 -5.47 -0.47	37.50 -5.31 -1.62	53.68 -7.44 -2.97	52.38 -7.70 -3.87	49.63 -7.61 -0.84	48.38 -7.98 -0.16	43.92 -7.69 0.00	43.54 -7.21 0.00	39.32 -7.21 0.00	41.34 -7.24 0.00	39.35 -7.33 0.00	40.94 -7.97 0.00	45.37 -9.38 1.07	51.60 -8.51 -0.18	47.24 -9.00 -0.01	44.17 -9.10 1.57	39.89 -7.32 0.01	37.65 -7.17 0.02	35.03 -6.28 0.00	34.76 -5.19 0.00
NM_ST_REGIS___HYD 24053	42.19 -0.73 0.00	42.28 -0.60 0.00	42.45 -0.39 0.00	42.71 -0.26 0.00	42.67 -0.43 0.00	40.49 -0.70 0.00	56.70 -1.45 0.00	55.03 -1.18 0.00	55.21 -1.18 0.00	55.20 -1.01 0.00	51.24 -0.36 0.00	51.05 0.30 0.00	47.04 0.51 0.00	49.25 0.68 0.00	47.33 0.65 0.00	49.55 0.64 0.00	56.09 0.28 0.00	57.89 -2.04 0.00	55.44 -0.79 0.00	54.13 -0.71 0.00	46.79 -0.42 0.00	44.21 -0.63 0.00	41.55 0.25 0.00	40.48 0.52 0.00

NORTHPORT___1 23551	78.33 3.78 -31.63	55.09 3.77 -8.44	50.84 3.68 -4.32	50.66 3.78 -3.91	61.48 3.83 -14.55	69.64 3.67 -24.79	113.76 5.35 -50.26	143.52 5.40 -81.91	136.23 5.41 -74.42	120.20 5.34 -58.65	64.79 4.74 -8.44	61.94 4.51 -6.68	61.72 4.28 -10.91	61.39 4.32 -8.49	60.77 4.25 -9.84	61.79 4.65 -8.22	71.25 5.63 -9.81	91.14 6.53 -24.67	81.74 5.85 -19.67	72.26 5.48 -11.93	63.18 4.49 -11.47	60.29 4.58 -10.88	54.67 3.68 -9.69	52.52 3.04 -9.53
NORTHPORT___2 23552	78.33 3.78 -31.63	55.09 3.77 -8.44	50.84 3.68 -4.32	50.66 3.78 -3.91	61.48 3.83 -14.55	69.64 3.67 -24.79	113.76 5.35 -50.26	143.52 5.40 -81.91	136.23 5.41 -74.42	120.20 5.34 -58.65	64.79 4.74 -8.44	61.94 4.51 -6.68	61.72 4.28 -10.91	61.39 4.32 -8.49	60.77 4.25 -9.84	61.79 4.65 -8.22	71.25 5.63 -9.81	91.14 6.53 -24.67	81.74 5.85 -19.67	72.26 5.48 -11.93	63.18 4.49 -11.47	60.29 4.58 -10.88	54.67 3.68 -9.69	52.52 3.04 -9.53
NORTHPORT___3 23553	78.29 3.73 -31.63	55.01 3.69 -8.44	50.76 3.60 -4.32	50.53 3.65 -3.91	61.48 3.83 -14.55	69.69 3.71 -24.79	113.88 5.46 -50.26	143.86 5.74 -81.91	136.63 5.81 -74.42	120.53 5.67 -58.65	63.76 3.72 -8.44	61.53 4.11 -6.68	61.39 3.95 -10.91	61.39 4.32 -8.49	60.86 4.34 -9.84	61.39 4.25 -8.22	69.01 3.40 -9.80	88.56 3.95 -24.67	79.33 3.43 -19.67	69.95 3.18 -11.93	62.47 3.78 -11.47	60.42 4.71 -10.88	54.75 3.76 -9.69	52.56 3.08 -9.53
NORTHPORT___4 23650	78.29 3.73 -31.63	55.01 3.69 -8.44	50.76 3.60 -4.32	50.53 3.65 -3.91	61.48 3.83 -14.55	69.69 3.71 -24.79	113.88 5.46 -50.26	143.86 5.74 -81.91	136.63 5.81 -74.42	120.53 5.67 -58.65	63.76 3.72 -8.44	61.53 4.11 -6.68	61.39 3.95 -10.91	61.39 4.32 -8.49	60.86 4.34 -9.84	61.39 4.25 -8.22	69.01 3.40 -9.80	88.56 3.95 -24.67	79.33 3.43 -19.67	69.95 3.18 -11.93	62.47 3.78 -11.47	60.42 4.71 -10.88	54.75 3.76 -9.69	52.56 3.08 -9.53
NORTHPORT___IC 23718	78.33 3.78 -31.63	55.09 3.77 -8.44	50.84 3.68 -4.32	50.66 3.78 -3.91	61.48 3.83 -14.55	69.64 3.67 -24.79	113.76 5.35 -50.26	143.52 5.40 -81.91	136.23 5.41 -74.42	120.20 5.34 -58.65	64.79 4.74 -8.44	61.94 4.51 -6.68	61.72 4.28 -10.91	61.39 4.32 -8.49	60.77 4.25 -9.84	61.79 4.65 -8.22	71.25 5.63 -9.81	91.14 6.53 -24.67	81.74 5.85 -19.67	72.26 5.48 -11.93	63.18 4.49 -11.47	60.29 4.58 -10.88	54.67 3.68 -9.69	52.52 3.04 -9.53
NORTH___COUNTRY_ESR 323785	41.51 -1.42 0.00	41.63 -1.24 0.00	41.89 -0.94 0.00	42.19 -0.77 0.00	42.36 -0.73 0.00	40.45 -0.74 0.00	57.16 -0.99 0.00	55.76 -0.45 0.00	56.06 -0.34 0.00	56.38 0.17 0.00	52.38 0.78 0.00	51.81 1.07 0.00	47.55 1.02 0.00	49.79 1.21 0.00	47.84 1.17 0.00	50.09 1.17 0.00	56.92 1.12 0.00	59.99 0.06 0.00	56.62 0.40 0.00	55.33 0.49 0.00	47.79 0.57 0.00	45.19 0.36 0.00	42.05 0.74 0.00	40.80 0.84 0.00
NPX_GEN_1385_PROXY 323591	78.16 3.61 -31.63	55.18 3.86 -8.44	51.06 3.90 -4.32	50.96 4.08 -3.91	61.31 3.66 -14.55	71.49 3.54 -26.75	111.10 4.65 -48.29	141.96 4.16 -81.59	124.86 3.95 -64.51	96.90 3.82 -36.87	63.45 3.41 -8.44	60.57 3.15 -6.68	60.40 3.02 -10.85	60.08 3.01 -8.49	59.60 3.08 -9.84	60.95 3.82 -8.22	70.47 4.85 -9.81	90.30 5.70 -24.67	80.90 5.00 -19.67	71.60 4.83 -11.93	62.89 4.20 -11.47	59.88 4.17 -10.88	54.38 3.39 -9.69	52.40 2.92 -9.53
NPX_GEN_CSC 323557	79.19 4.64 -31.63	56.38 5.06 -8.44	52.04 4.88 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	72.56 4.61 -26.75	111.56 5.12 -48.29	143.63 5.51 -81.91	136.29 5.47 -74.42	120.48 5.62 -58.65	66.39 6.35 -8.44	63.36 5.93 -6.68	62.93 5.49 -10.91	62.60 5.54 -8.49	61.98 5.46 -9.84	62.91 5.77 -8.22	72.76 7.15 -9.81	92.22 7.61 -24.67	82.64 6.74 -19.67	73.35 6.58 -11.93	63.89 5.19 -11.47	61.14 5.42 -10.88	55.33 4.34 -9.69	53.12 3.64 -9.53
NSINS_S_GLNS_FALLS 23858	59.55 2.88 -13.76	55.40 2.87 -9.65	51.09 2.74 -5.51	50.59 2.84 -4.79	50.21 2.76 -4.36	58.27 2.88 -14.19	88.55 4.36 -26.04	94.51 4.38 -33.92	79.51 4.62 -18.48	62.38 4.50 -1.67	55.27 3.66 0.00	54.19 3.45 0.00	49.70 3.16 0.00	51.97 3.40 0.00	49.71 3.03 0.00	52.19 3.28 0.00	59.83 4.02 0.00	68.23 4.67 -3.63	61.92 4.44 -1.26	58.84 4.00 0.00	50.62 3.40 0.00	47.84 3.00 0.00	43.62 2.31 0.00	42.03 2.08 0.00
NUCOR_STEEL___DRP 24197	43.92 -0.69 -1.69	43.33 -0.73 -1.18	42.69 -0.81 -0.67	42.82 -0.73 -0.58	43.05 -0.47 -0.43	42.22 -0.33 -1.36	60.59 -0.06 -2.49	59.57 0.11 -3.25	58.84 0.17 -2.27	56.43 0.06 -0.16	51.45 -0.15 0.00	50.54 -0.20 0.00	46.21 -0.33 0.00	48.33 -0.24 0.00	46.35 -0.33 0.00	48.57 -0.34 0.00	55.84 -0.45 -0.47	60.55 0.18 -0.44	56.36 -0.06 -0.19	55.15 -0.38 -0.70	46.89 -0.33 0.00	44.40 -0.45 -0.01	40.65 -0.66 0.00	39.40 -0.56 0.00
NUMBER_THREE_WT_PWR 323818	43.16 -0.17 -0.41	43.17 0.00 -0.29	43.38 0.38 -0.16	43.58 0.47 -0.14	43.83 0.60 -0.13	42.28 0.66 -0.42	60.15 1.22 -0.78	58.52 1.29 -1.01	58.19 1.24 -0.55	57.32 1.07 -0.05	52.58 0.98 0.00	51.86 1.11 0.00	47.46 0.93 0.00	49.69 1.12 0.00	47.70 1.03 0.00	50.04 1.13 0.00	57.15 1.34 0.00	61.24 1.20 -0.11	57.61 1.35 -0.04	55.99 1.15 0.00	48.07 0.85 0.00	45.42 0.58 0.00	41.76 0.46 0.00	40.47 0.52 0.00
NYISO_LBMP_REFERENCE 24008	42.92 0.00 0.00	42.88 0.00 0.00	42.84 0.00 0.00	42.96 0.00 0.00	43.10 0.00 0.00	41.19 0.00 0.00	58.15 0.00 0.00	56.21 0.00 0.00	56.40 0.00 0.00	56.21 0.00 0.00	51.61 0.00 0.00	50.74 0.00 0.00	46.53 0.00 0.00	48.57 0.00 0.00	46.68 0.00 0.00	48.92 0.00 0.00	55.81 0.00 0.00	59.93 0.00 0.00	56.23 0.00 0.00	54.84 0.00 0.00	47.22 0.00 0.00	44.84 0.00 0.00	41.31 0.00 0.00	39.96 0.00 0.00
NYPA_BRENTWD___GT 24164	78.84 4.29 -31.63	55.61 4.29 -8.44	51.36 4.20 -4.32	51.13 4.25 -3.91	62.05 4.40 -14.55	70.18 4.20 -24.79	114.52 6.10 -50.26	144.36 6.24 -81.91	137.14 6.32 -74.42	121.04 6.18 -58.65	65.72 5.68 -8.44	62.91 5.48 -6.68	62.56 5.12 -10.91	62.32 5.25 -8.49	61.65 5.13 -9.84	62.61 5.48 -8.22	72.26 6.64 -9.81	92.15 7.55 -24.67	82.64 6.74 -19.67	73.19 6.41 -11.93	63.93 5.24 -11.47	60.96 5.24 -10.88	55.21 4.22 -9.69	53.04 3.55 -9.53
NYPA_GOWANUS___GT5 24156	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00
NYPA_GOWANUS___GT6 24157	57.12 3.39 -10.81	53.72 3.26 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.67 5.17 -39.29	107.36 5.36 -45.60	106.38 5.23 -44.94	56.04 4.44 0.00	54.95 4.21 0.00	52.14 3.95 -1.65	52.65 3.98 -0.09	50.69 3.92 -0.09	53.17 4.25 0.00	71.92 5.41 -10.70	100.81 6.42 -34.47	142.73 5.79 -80.72	70.73 5.38 -10.51	51.23 4.01 0.00	49.10 4.17 -0.09	44.65 3.34 0.00	42.47 2.52 0.00

NYPA_HARLEM__RVR__GT1 24160	57.17 3.43 -10.81	53.85 3.39 -7.58	50.55 3.38 -4.33	50.05 3.31 -3.77	50.02 3.49 -3.43	55.73 3.38 -11.16	83.62 5.00 -20.46	89.52 5.00 -28.30	79.44 5.19 -17.85	68.22 5.00 -7.01	55.78 4.18 0.01	54.70 3.96 0.01	50.55 3.77 -0.25	52.37 3.79 0.00	50.42 3.74 0.00	52.92 4.01 0.01	62.30 5.08 -1.41	69.94 5.99 -4.02	62.64 5.40 -1.02	60.27 4.99 -0.44	50.99 3.78 0.01	48.85 3.99 -0.02	44.57 3.26 0.00	42.43 2.48 0.00
NYPA_HARLEM__RVR__GT2 24161	57.17 3.43 -10.81	53.85 3.39 -7.58	50.55 3.38 -4.33	50.05 3.31 -3.77	50.02 3.49 -3.43	55.73 3.38 -11.16	83.62 5.00 -20.46	89.52 5.00 -28.30	79.44 5.19 -17.85	68.22 5.00 -7.01	55.78 4.18 0.01	54.70 3.96 0.01	50.55 3.77 -0.25	52.37 3.79 0.00	50.42 3.74 0.00	52.92 4.01 0.01	62.30 5.08 -1.41	69.94 5.99 -4.02	62.64 5.40 -1.02	60.27 4.99 -0.44	50.99 3.78 0.01	48.85 3.99 -0.02	44.57 3.26 0.00	42.43 2.48 0.00
NYPA_KENT____GT 24152	57.08 3.35 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.85 3.32 -3.43	55.61 3.25 -11.16	83.62 5.00 -20.46	100.61 5.11 -39.29	107.69 5.30 -45.99	106.32 5.17 -44.94	55.99 4.38 0.00	54.85 4.11 0.00	52.09 3.91 -1.65	52.60 3.93 -0.09	50.64 3.87 -0.09	53.07 4.16 0.00	71.82 5.30 -10.70	90.91 6.23 -24.75	108.54 5.62 -46.69	67.32 5.21 -7.26	51.13 3.92 0.00	49.05 4.12 -0.09	44.61 3.31 0.00	42.43 2.48 0.00
NYPA_POUCH1____GT 24155	56.95 3.22 -10.81	53.55 3.09 -7.58	50.17 3.00 -4.33	49.64 2.92 -3.76	49.67 3.14 -3.43	55.44 3.09 -11.16	83.39 4.77 -20.46	100.45 4.95 -39.29	107.08 5.08 -45.60	106.15 5.00 -44.94	55.79 4.18 0.00	54.71 3.96 0.00	51.95 3.77 -1.65	52.40 3.74 -0.09	50.50 3.74 -0.09	52.93 4.01 0.00	71.70 5.19 -10.70	100.63 6.23 -34.47	142.56 5.62 -80.72	70.50 5.15 -10.51	51.04 3.82 0.00	48.96 4.04 -0.09	44.53 3.22 0.00	42.27 2.32 0.00
NYPA_VERNON____GT2 24162	57.04 3.31 -10.81	53.68 3.22 -7.58	50.30 3.13 -4.33	49.82 3.10 -3.76	49.80 3.27 -3.43	55.57 3.22 -11.16	83.56 4.94 -20.47	100.56 5.06 -39.29	108.02 5.25 -46.37	106.21 5.06 -44.94	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.65	52.55 3.89 -0.09	50.59 3.83 -0.09	53.03 4.11 0.00	71.70 5.19 -10.70	81.01 6.05 -15.03	74.34 5.45 -12.66	63.90 5.04 -4.02	51.09 3.87 0.00	48.96 4.04 -0.09	44.57 3.26 0.00	42.43 2.48 0.00
NYPA_VERNON____GT3 24163	57.04 3.31 -10.81	53.68 3.22 -7.58	50.30 3.13 -4.33	49.82 3.10 -3.76	49.80 3.27 -3.43	55.57 3.22 -11.16	83.56 4.94 -20.47	100.56 5.06 -39.29	108.02 5.25 -46.37	106.21 5.06 -44.94	55.89 4.28 0.00	54.80 4.06 0.00	52.04 3.86 -1.65	52.55 3.89 -0.09	50.59 3.83 -0.09	53.03 4.11 0.00	71.70 5.19 -10.70	81.01 6.05 -15.03	74.34 5.45 -12.66	63.90 5.04 -4.02	51.09 3.87 0.00	48.96 4.04 -0.09	44.57 3.26 0.00	42.43 2.48 0.00
NYPA__ASTORIA_CC1 323568	57.04 3.31 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.80 3.27 -3.43	55.57 3.22 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.84 4.23 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	52.97 4.06 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.74 5.40 -1.12	62.75 4.99 -2.92	51.04 3.82 0.00	48.92 3.99 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
NYPA__ASTORIA_CC2 323569	57.04 3.31 -10.81	53.68 3.22 -7.58	50.34 3.17 -4.33	49.82 3.10 -3.76	49.80 3.27 -3.43	55.57 3.22 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.60	106.15 5.00 -44.94	55.84 4.23 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.55 3.78 -0.09	52.97 4.06 0.00	71.59 5.08 -10.70	77.62 5.99 -11.70	62.74 5.40 -1.12	62.75 4.99 -2.92	51.04 3.82 0.00	48.92 3.99 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
NYPA__HOLTSVILL 23794	78.84 4.29 -31.63	55.70 4.38 -8.44	51.44 4.28 -4.32	51.26 4.38 -3.91	62.17 4.52 -14.55	70.22 4.24 -24.79	114.17 5.76 -50.26	144.14 6.02 -81.91	136.86 6.04 -74.42	120.82 5.96 -58.65	65.93 5.88 -8.44	63.06 5.63 -6.68	62.65 5.21 -10.91	62.41 5.34 -8.49	61.75 5.23 -9.84	62.71 5.57 -8.22	72.37 6.75 -9.81	92.03 7.43 -24.67	82.53 6.63 -19.67	73.19 6.41 -11.93	63.84 5.15 -11.47	60.96 5.24 -10.88	55.16 4.17 -9.69	52.96 3.47 -9.53
NYPA__HELLGATE_GT1 24158	57.17 3.43 -10.81	53.85 3.39 -7.58	50.55 3.38 -4.33	50.03 3.31 -3.76	50.02 3.49 -3.43	55.73 3.38 -11.16	83.62 5.00 -20.46	111.48 5.00 -50.27	123.91 5.19 -62.33	144.11 5.00 -82.90	55.78 4.18 0.01	54.70 3.96 0.01	53.33 3.77 -3.04	52.52 3.79 -0.16	50.57 3.74 -0.16	52.92 4.01 0.01	77.14 5.08 -16.26	82.22 5.99 -16.29	62.83 5.40 -1.20	65.21 4.99 -5.38	50.99 3.78 0.01	48.97 3.99 -0.14	44.57 3.26 0.00	42.43 2.48 0.00
NYPA__HELLGATE_GT2 24159	57.17 3.43 -10.81	53.85 3.39 -7.58	50.55 3.38 -4.33	50.03 3.31 -3.76	50.02 3.49 -3.43	55.73 3.38 -11.16	83.62 5.00 -20.46	111.48 5.00 -50.27	123.91 5.19 -62.33	144.11 5.00 -82.90	55.78 4.18 0.01	54.70 3.96 0.01	53.33 3.77 -3.04	52.52 3.79 -0.16	50.57 3.74 -0.16	52.92 4.01 0.01	77.14 5.08 -16.26	82.22 5.99 -16.29	62.83 5.40 -1.20	65.21 4.99 -5.38	50.99 3.78 0.01	48.97 3.99 -0.14	44.57 3.26 0.00	42.43 2.48 0.00
NYS_BARGE__HYD 23848	38.14 -5.41 -0.63	37.62 -5.70 -0.45	37.44 -5.66 -0.26	37.82 -5.37 -0.23	38.64 -4.91 -0.46	38.08 -4.70 -1.59	54.60 -6.46 -2.91	53.20 -6.80 -3.79	50.53 -6.71 -0.84	48.90 -7.48 -0.16	45.00 -6.61 0.00	44.55 -6.19 0.00	40.20 -6.33 0.00	42.31 -6.27 0.00	40.28 -6.39 0.00	42.17 -6.75 0.00	46.58 -8.15 1.08	52.74 -7.37 -0.18	48.31 -7.93 -0.01	44.86 -8.39 1.59	40.69 -6.52 0.01	38.45 -6.37 0.02	35.77 -5.53 0.00	35.48 -4.47 0.00
OAK_ORCHARD__HYD 24046	40.67 -2.92 -0.67	40.22 -3.13 -0.47	39.94 -3.17 -0.27	40.45 -2.75 -0.24	41.20 -2.29 -0.39	40.38 -2.14 -1.33	57.80 -2.79 -2.44	56.58 -2.81 -3.17	54.48 -2.82 -0.89	52.77 -3.60 -0.16	48.20 -3.41 0.00	47.55 -3.20 0.00	43.18 -3.35 0.00	45.27 -3.30 0.00	43.32 -3.36 0.00	45.39 -3.52 0.00	50.32 -4.35 1.13	57.06 -3.05 -0.19	52.65 -3.60 -0.02	48.95 -4.22 1.67	43.91 -3.31 0.01	41.55 -3.27 0.01	38.25 -3.06 0.00	37.48 -2.48 0.00
OAKDALE__35_KV_LOAD 356122	46.22 -0.26 -3.56	45.07 -0.30 -2.49	43.92 -0.34 -1.42	43.90 -0.30 -1.24	44.05 -0.17 -1.13	44.78 -0.08 -3.67	65.17 0.29 -6.73	65.37 0.39 -8.77	61.63 0.45 -4.78	56.86 0.22 -0.43	51.92 0.31 0.00	51.00 0.25 0.00	46.62 0.09 0.00	48.72 0.15 0.00	46.77 0.09 0.00	49.01 0.10 0.00	56.19 0.22 -0.16	61.47 0.60 -0.94	57.07 0.51 -0.34	55.30 0.22 -0.24	47.31 0.09 0.00	44.88 0.04 0.00	41.10 -0.21 0.00	39.80 -0.16 0.00
OCC_CHEM__DRP 24175	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	36.92 -6.27 -0.23	38.18 -5.39 -0.47	37.58 -5.23 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	48.50 -7.87 -0.16	44.02 -7.59 0.00	43.64 -7.10 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.04 -7.88 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.35 -8.88 -0.01	44.28 -8.99 1.57	39.99 -7.22 0.01	37.74 -7.08 0.02	35.11 -6.20 0.00	34.84 -5.11 0.00

OH_GEN_PROXY 24063	38.20 -5.37 -0.64	37.72 -5.62 -0.46	37.49 -5.61 -0.27	37.91 -5.29 -0.24	38.78 -4.79 -0.46	40.11 -4.66 -3.57	52.78 -6.34 -0.97	53.46 -6.58 -3.82	50.66 -6.60 -0.86	48.94 -7.42 -0.15	45.00 -6.61 0.00	44.50 -6.24 0.00	40.20 -6.33 0.00	42.26 -6.31 0.00	40.28 -6.39 0.00	42.22 -6.70 0.00	46.55 -8.20 1.06	52.80 -7.31 -0.18	48.37 -7.87 -0.01	45.00 -8.28 1.56	40.79 -6.42 0.01	38.50 -6.32 0.02	35.81 -5.49 0.00	35.40 -4.56 0.00
OLIN_CORP_DRP 24177	37.75 -5.79 -0.63	37.28 -6.05 -0.45	37.06 -6.04 -0.26	37.14 -6.06 -0.23	38.14 -5.43 -0.47	37.60 -5.23 -1.64	54.00 -7.15 -3.00	52.70 -7.42 -3.91	49.91 -7.33 -0.84	48.67 -7.70 -0.16	44.33 -7.28 0.00	43.89 -6.85 0.00	39.64 -6.89 0.00	41.72 -6.85 0.00	39.68 -7.00 0.00	41.29 -7.63 0.00	45.86 -8.87 1.07	51.96 -8.15 -0.18	47.69 -8.55 -0.01	44.60 -8.66 1.58	40.22 -6.99 0.01	38.00 -6.82 0.02	35.32 -5.99 0.00	35.04 -4.91 0.00
OLIN_CORP_DSASP 323712	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	37.27 -5.93 -0.23	38.26 -5.30 -0.47	37.67 -5.15 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	47.99 -8.38 -0.16	44.12 -7.48 0.00	43.69 -7.05 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.34 -7.58 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.36 -8.88 -0.01	43.95 -9.32 1.57	39.94 -7.27 0.01	37.69 -7.13 0.02	35.11 -6.20 0.00	34.80 -5.15 0.00
ONEIDA_HERK_LFGE 323681	44.02 0.73 -0.37	43.95 0.81 -0.26	43.93 0.94 -0.15	44.08 0.99 -0.13	44.33 1.12 -0.12	42.78 1.20 -0.39	60.84 1.98 -0.71	59.16 2.02 -0.92	58.93 2.03 -0.50	58.11 1.85 -0.05	53.26 1.65 0.00	52.42 1.67 0.00	47.98 1.44 0.00	50.13 1.55 0.00	48.13 1.45 0.00	50.48 1.56 0.00	57.71 1.90 0.00	62.07 2.04 -0.10	58.17 1.91 -0.03	56.54 1.70 0.00	48.59 1.37 0.00	45.96 1.12 0.00	42.18 0.87 0.00	40.80 0.84 0.00
ONEIDA___115KV_TB4 55905	44.57 0.99 -0.66	44.37 1.03 -0.46	44.08 0.99 -0.26	44.27 1.07 -0.23	44.51 1.21 -0.21	43.23 1.36 -0.68	61.73 2.33 -1.25	60.20 2.36 -1.63	59.71 2.43 -0.89	58.54 2.25 -0.08	53.57 1.96 0.00	52.62 1.88 0.00	48.16 1.63 0.00	50.37 1.80 0.00	48.36 1.68 0.00	50.63 1.71 0.00	57.82 2.01 0.00	62.56 2.46 -0.17	58.48 2.19 -0.06	56.76 1.92 0.00	48.73 1.51 0.00	46.14 1.30 0.00	42.22 0.91 0.00	40.87 0.92 0.00
ONONDAGA_REF_OCCRA 23987	43.53 -0.86 -1.47	43.01 -0.90 -1.03	42.48 -0.94 -0.58	42.57 -0.90 -0.51	42.79 -0.69 -0.39	41.85 -0.58 -1.23	59.95 -0.47 -2.26	58.82 -0.34 -2.95	58.09 -0.28 -1.97	55.96 -0.39 -0.15	51.09 -0.52 0.00	50.19 -0.56 0.00	45.93 -0.60 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.38 -0.73 -0.29	60.07 -0.24 -0.38	55.99 -0.39 -0.15	54.67 -0.60 -0.43	46.65 -0.57 0.00	44.22 -0.63 -0.01	40.48 -0.83 0.00	39.20 -0.76 0.00
ONONDAGA___COGEN 23986	43.17 -0.86 -1.10	42.79 -0.86 -0.77	42.33 -0.94 -0.44	42.49 -0.86 -0.38	42.80 -0.65 -0.35	41.80 -0.54 -1.14	59.77 -0.47 -2.09	58.59 -0.34 -2.72	57.65 -0.23 -1.48	56.01 -0.34 -0.13	51.09 -0.52 0.00	50.19 -0.56 0.00	45.97 -0.56 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.29 -0.73 -0.21	59.98 -0.24 -0.29	55.95 -0.39 -0.11	54.49 -0.66 -0.30	46.65 -0.57 0.00	44.17 -0.67 0.00	40.48 -0.83 0.00	39.24 -0.72 0.00
ONTARIO___LFGE 23819	41.86 -1.29 -0.22	41.67 -1.37 -0.16	41.48 -1.46 -0.10	41.81 -1.25 -0.09	42.64 -0.91 -0.45	42.10 -0.70 -1.60	60.75 -0.35 -2.94	59.87 -0.17 -3.83	56.57 -0.11 -0.29	55.95 -0.45 -0.19	51.25 -0.36 0.00	50.34 -0.41 0.00	45.83 -0.70 0.00	48.04 -0.53 0.00	46.02 -0.65 0.00	48.18 -0.73 0.00	58.46 -1.06 -3.71	59.77 -0.24 -0.08	55.69 -0.67 -0.14	59.18 -1.15 -5.49	46.36 -0.85 0.01	43.69 -1.12 0.03	40.19 -1.11 0.00	39.12 -0.84 0.00
ORANGEVILLE_WT_PWR 323706	39.10 -4.25 -0.43	38.81 -4.37 -0.31	38.74 -4.28 -0.19	38.96 -4.17 -0.17	39.87 -3.79 -0.57	39.69 -3.50 -2.00	57.34 -4.48 -3.67	56.44 -4.55 -4.78	52.51 -4.46 -0.56	51.59 -4.83 -0.21	47.58 -4.03 0.00	46.99 -3.75 0.00	42.58 -3.96 0.00	44.69 -3.89 0.00	42.62 -4.06 0.00	44.61 -4.31 0.00	49.73 -4.97 1.11	55.27 -4.80 -0.13	50.92 -5.29 0.02	47.68 -5.54 1.63	42.91 -4.30 0.01	40.42 -4.39 0.03	37.47 -3.84 0.00	36.80 -3.16 0.00
ORANGEVILLE___ESR 323794	39.10 -4.25 -0.43	38.81 -4.37 -0.31	38.74 -4.28 -0.19	38.96 -4.17 -0.17	39.87 -3.79 -0.57	39.69 -3.50 -2.00	57.34 -4.48 -3.67	56.44 -4.55 -4.78	52.51 -4.46 -0.56	51.59 -4.83 -0.21	47.58 -4.03 0.00	46.99 -3.75 0.00	42.58 -3.96 0.00	44.69 -3.89 0.00	42.62 -4.06 0.00	44.61 -4.31 0.00	49.73 -4.97 1.11	55.27 -4.80 -0.13	50.92 -5.29 0.02	47.68 -5.54 1.63	42.91 -4.30 0.01	40.42 -4.39 0.03	37.47 -3.84 0.00	36.80 -3.16 0.00
OSWEGATCHIE___HYD 24044	42.53 -0.69 -0.30	42.53 -0.56 -0.21	42.61 -0.34 -0.12	42.77 -0.30 -0.10	42.89 -0.30 -0.09	41.09 -0.41 -0.31	57.95 -0.76 -0.56	56.38 -0.56 -0.73	56.18 -0.62 -0.40	55.63 -0.62 -0.04	51.25 -0.36 0.00	50.85 0.10 0.00	46.72 0.19 0.00	48.92 0.34 0.00	46.96 0.28 0.00	49.21 0.30 0.00	55.92 0.11 0.00	58.81 -1.20 -0.08	55.86 -0.39 -0.03	54.46 -0.38 0.00	46.84 -0.38 0.00	44.30 -0.54 0.00	41.18 -0.12 0.00	40.04 0.08 0.00
OSWEGO___5 23606	42.15 -1.54 -0.77	41.88 -1.54 -0.54	41.56 -1.58 -0.31	41.73 -1.50 -0.27	41.96 -1.38 -0.25	40.72 -1.28 -0.80	58.05 -1.57 -1.47	56.66 -1.46 -1.91	56.03 -1.41 -1.04	54.73 -1.57 -0.09	50.06 -1.55 0.00	49.22 -1.52 0.00	45.04 -1.49 0.00	47.07 -1.51 0.00	45.18 -1.50 0.00	47.35 -1.57 0.00	53.97 -1.84 0.00	58.64 -1.50 -0.20	54.67 -1.63 -0.07	53.03 -1.81 0.00	45.70 -1.51 0.00	43.36 -1.48 0.00	39.82 -1.49 0.00	38.56 -1.40 0.00
OSWEGO___6 23613	42.15 -1.54 -0.77	41.88 -1.54 -0.54	41.56 -1.58 -0.31	41.73 -1.50 -0.27	41.96 -1.38 -0.25	40.72 -1.28 -0.80	58.05 -1.57 -1.47	56.66 -1.46 -1.91	56.03 -1.41 -1.04	54.73 -1.57 -0.09	50.06 -1.55 0.00	49.22 -1.52 0.00	45.04 -1.49 0.00	47.07 -1.51 0.00	45.18 -1.50 0.00	47.35 -1.57 0.00	53.97 -1.84 0.00	58.64 -1.50 -0.20	54.67 -1.63 -0.07	53.03 -1.81 0.00	45.70 -1.51 0.00	43.36 -1.48 0.00	39.82 -1.49 0.00	38.56 -1.40 0.00
OUTOKUMPU-AB___DRP 24206	38.39 -5.15 -0.62	37.92 -5.40 -0.44	37.70 -5.40 -0.26	37.78 -5.41 -0.23	38.83 -4.74 -0.48	38.31 -4.53 -1.65	55.08 -6.11 -3.03	53.81 -6.35 -3.95	50.97 -6.26 -0.83	49.74 -6.63 -0.16	45.57 -6.04 0.00	45.16 -5.58 0.00	40.76 -5.77 0.00	42.89 -5.68 0.00	40.80 -5.88 0.00	42.41 -6.51 0.00	47.26 -7.48 1.07	53.22 -6.89 -0.18	49.10 -7.14 -0.01	45.91 -7.35 1.58	41.21 -6.00 0.01	38.99 -5.83 0.02	36.10 -5.20 0.00	35.76 -4.20 0.00
OXBOW___BTM 323836	37.97 -5.58 -0.63	37.49 -5.83 -0.44	37.27 -5.83 -0.26	37.65 -5.54 -0.23	38.62 -4.95 -0.47	38.09 -4.74 -1.64	54.47 -6.69 -3.00	53.21 -6.92 -3.91	50.41 -6.83 -0.84	48.78 -7.59 -0.16	44.95 -6.66 0.00	44.45 -6.29 0.00	40.16 -6.37 0.00	42.21 -6.36 0.00	40.19 -6.49 0.00	42.07 -6.85 0.00	46.42 -8.32 1.07	52.62 -7.49 -0.18	48.14 -8.10 -0.01	44.71 -8.55 1.57	40.55 -6.66 0.01	38.27 -6.55 0.02	35.65 -5.66 0.00	35.28 -4.67 0.00

OXBOW____ 24026	37.97 -5.58 -0.63	37.49 -5.83 -0.44	37.27 -5.83 -0.26	37.35 -5.84 -0.23	38.53 -5.04 -0.47	37.97 -4.86 -1.64	54.47 -6.69 -3.00	53.21 -6.91 -3.91	50.41 -6.82 -0.84	49.18 -7.19 -0.16	44.85 -6.76 0.00	44.45 -6.29 0.00	40.16 -6.37 0.00	42.21 -6.36 0.00	40.19 -6.49 0.00	41.77 -7.14 0.00	46.42 -8.32 1.07	52.56 -7.55 -0.18	48.25 -7.98 -0.01	45.15 -8.12 1.57	40.65 -6.56 0.01	38.41 -6.41 0.02	35.65 -5.66 0.00	35.32 -4.63 0.00
OXY_CHEM_DSASP 323612	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	36.92 -6.27 -0.23	38.18 -5.39 -0.47	37.58 -5.23 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	48.50 -7.87 -0.16	44.02 -7.59 0.00	43.64 -7.10 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.04 -7.88 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.35 -8.88 -0.01	44.28 -8.99 1.57	39.99 -7.22 0.01	37.74 -7.08 0.02	35.11 -6.20 0.00	34.84 -5.11 0.00
OZONE_PARK_ESR 323760	57.16 3.43 -10.80	53.80 3.34 -7.57	50.42 3.26 -4.33	49.90 3.18 -3.76	49.88 3.36 -3.42	55.64 3.30 -11.15	83.78 5.18 -20.45	98.58 5.34 -37.03	97.44 5.53 -35.52	98.75 5.40 -37.15	56.25 4.64 0.00	55.16 4.41 0.00	52.08 4.19 -1.36	52.87 4.23 -0.07	50.90 4.15 -0.07	53.42 4.50 0.00	70.16 5.53 -8.83	76.55 6.47 -10.15	63.23 5.90 -1.10	62.78 5.54 -2.41	51.42 4.20 0.00	49.26 4.35 -0.07	44.74 3.43 0.00	42.63 2.68 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	36.92 -6.27 -0.23	38.18 -5.39 -0.47	37.58 -5.23 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	48.50 -7.87 -0.16	44.02 -7.59 0.00	43.64 -7.10 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.04 -7.88 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.35 -8.88 -0.01	44.28 -8.99 1.57	39.99 -7.22 0.01	37.74 -7.08 0.02	35.11 -6.20 0.00	34.84 -5.11 0.00
PACKARD__115KV_DUPONT_184 80571	37.50 -6.05 -0.63	37.02 -6.30 -0.45	36.80 -6.30 -0.26	36.92 -6.27 -0.23	38.18 -5.39 -0.47	37.58 -5.23 -1.62	53.80 -7.33 -2.97	52.50 -7.59 -3.87	49.74 -7.50 -0.84	48.50 -7.87 -0.16	44.02 -7.59 0.00	43.64 -7.10 0.00	39.41 -7.12 0.00	41.43 -7.14 0.00	39.44 -7.23 0.00	41.04 -7.88 0.00	45.48 -9.26 1.07	51.78 -8.33 -0.18	47.35 -8.88 -0.01	44.28 -8.99 1.57	39.99 -7.22 0.01	37.74 -7.08 0.02	35.11 -6.20 0.00	34.84 -5.11 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	56.99 3.26 -10.81	53.68 3.22 -7.58	50.38 3.21 -4.33	49.86 3.14 -3.76	49.80 3.28 -3.43	55.52 3.17 -11.16	83.38 4.77 -20.46	88.15 4.78 -27.17	76.91 4.96 -15.54	64.06 4.78 -3.07	55.63 4.03 0.00	54.55 3.81 0.00	50.22 3.58 -0.11	52.16 3.59 0.00	50.22 3.55 0.00	52.83 3.91 0.00	61.25 4.80 -0.64	69.07 5.75 -3.38	62.46 5.23 -1.01	59.85 4.83 -0.18	50.81 3.59 0.00	48.71 3.86 -0.01	44.45 3.14 0.00	42.31 2.36 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	57.55 3.82 -10.81	54.28 3.82 -7.58	50.94 3.77 -4.33	50.42 3.69 -3.76	50.36 3.84 -3.43	56.06 3.71 -11.16	84.08 5.47 -20.46	88.83 5.45 -27.17	77.53 5.58 -15.54	64.68 5.40 -3.07	56.20 4.59 0.00	55.11 4.36 0.00	50.74 4.09 -0.11	52.65 4.08 0.00	50.69 4.01 0.00	53.32 4.40 0.00	61.86 5.41 -0.64	69.73 6.41 -3.38	63.08 5.85 -1.01	60.45 5.43 -0.18	51.28 4.06 0.00	49.20 4.35 -0.01	44.90 3.59 0.00	42.75 2.80 0.00
PATROON__115KV_TB1 80586	58.47 2.10 -13.45	54.41 2.10 -9.43	50.28 2.06 -5.38	49.75 2.11 -4.68	49.47 2.11 -4.26	57.17 2.10 -13.87	86.45 2.85 -25.45	91.84 2.47 -33.16	77.18 2.71 -18.07	60.60 2.75 -1.63	53.46 1.86 0.00	52.52 1.78 0.00	48.30 1.77 0.00	50.32 1.75 0.00	48.36 1.68 0.00	50.58 1.66 0.00	57.71 1.90 0.00	65.81 2.34 -3.55	59.65 2.19 -1.23	56.76 1.92 0.00	48.92 1.70 0.00	46.50 1.66 0.00	42.50 1.20 0.00	41.23 1.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.87 -4.68 -0.63	38.69 -4.63 -0.44	38.26 -4.84 -0.26	38.34 -4.85 -0.23	38.40 -5.21 -0.52	38.12 -4.86 -1.79	55.09 -6.34 -3.28	54.01 -6.46 -4.27	50.92 -6.32 -0.84	49.70 -6.69 -0.18	47.27 -4.33 0.00	46.68 -4.06 0.00	42.20 -4.33 0.00	44.40 -4.18 0.00	42.24 -4.43 0.00	43.98 -4.94 0.00	50.05 -4.69 1.07	53.76 -6.35 -0.18	51.29 -4.95 -0.01	48.28 -4.99 1.57	42.58 -4.63 0.01	40.60 -4.21 0.02	37.22 -4.09 0.00	36.56 -3.40 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	56.99 3.05 -11.02	53.52 2.92 -7.73	50.12 2.87 -4.41	49.68 2.88 -3.83	49.48 2.89 -3.49	55.43 2.80 -11.43	83.43 4.30 -20.98	88.04 4.50 -27.33	76.17 4.85 -14.92	62.22 4.67 -1.35	55.68 4.08 0.00	54.55 3.81 0.00	49.97 3.44 0.00	51.93 3.35 0.00	49.99 3.31 0.00	52.68 3.77 0.00	60.44 4.63 0.00	68.43 5.57 -2.93	62.13 4.89 -1.01	59.39 4.55 0.00	50.71 3.49 0.00	48.38 3.54 0.00	43.95 2.64 0.00	42.07 2.12 0.00
PEEKSKILL____ 23653	56.17 2.58 -10.68	52.85 2.49 -7.49	49.59 2.48 -4.28	49.17 2.49 -3.72	49.11 2.63 -3.38	54.73 2.51 -11.02	82.27 3.90 -20.22	86.99 4.05 -26.73	75.70 4.17 -15.13	62.89 4.05 -2.63	55.12 3.51 0.00	54.04 3.30 0.00	49.73 3.12 -0.08	51.69 3.11 0.00	49.76 3.08 0.00	52.24 3.33 0.00	60.53 4.24 -0.48	68.18 5.03 -3.21	61.65 4.44 -0.98	59.09 4.12 -0.13	50.38 3.16 0.00	48.11 3.27 0.00	43.83 2.52 0.00	41.87 1.92 0.00
PGE MADISON__WINDPWR 24146	50.97 3.00 -5.05	49.41 3.00 -3.53	47.58 2.74 -2.00	47.62 2.92 -1.74	47.50 3.27 -1.13	48.21 3.50 -3.52	70.65 6.05 -6.45	70.86 6.24 -8.41	69.45 6.26 -6.79	62.41 5.79 -0.41	56.97 5.37 0.00	55.97 5.23 0.00	51.09 4.56 0.00	53.53 4.96 0.00	51.25 4.58 0.00	53.81 4.89 0.00	62.99 5.91 -1.27	68.31 7.07 -1.31	63.07 6.30 -0.54	62.36 5.65 -1.87	51.86 4.63 -0.01	48.73 3.86 -0.03	44.32 3.01 0.00	42.87 2.92 0.00
PIERCEFIELD__HYD 23852	42.32 -0.60 0.00	42.41 -0.47 0.00	42.49 -0.34 0.00	42.71 -0.26 0.00	42.67 -0.43 0.00	40.41 -0.78 0.00	56.41 -1.74 0.00	54.69 -1.52 0.00	54.76 -1.64 0.00	54.75 -1.46 0.00	50.78 -0.83 0.00	50.69 -0.05 0.00	46.76 0.23 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.16 0.24 0.00	55.64 -0.17 0.00	57.11 -2.82 0.00	54.88 -1.35 0.00	53.69 -1.15 0.00	46.37 -0.85 0.00	43.85 -0.99 0.00	41.31 0.00 0.00	40.28 0.32 0.00
PINELAWN_CC_1 323563	78.55 3.99 -31.63	55.22 3.90 -8.44	51.02 3.86 -4.32	50.79 3.91 -3.91	61.70 4.05 -14.55	69.90 3.92 -24.79	114.23 5.81 -50.26	144.07 5.96 -81.91	136.86 6.04 -74.42	120.76 5.90 -58.65	65.31 5.27 -8.44	62.50 5.07 -6.68	62.19 4.75 -10.91	61.93 4.86 -8.49	61.28 4.76 -9.84	62.22 5.09 -8.22	71.76 6.14 -9.81	91.67 7.07 -24.67	82.25 6.35 -19.67	72.75 5.98 -11.93	63.51 4.82 -11.47	60.60 4.89 -10.88	54.88 3.88 -9.69	52.72 3.24 -9.53
PJM_GEN_HTP_PROXY 323702	56.68 2.96 -10.80	53.32 2.87 -7.57	49.99 2.83 -4.32	49.51 2.79 -3.76	49.45 2.93 -3.42	57.19 2.88 -13.11	81.12 4.48 -18.49	95.39 4.66 -34.52	91.69 4.85 -30.44	89.42 4.72 -28.49	55.63 4.03 0.00	54.55 3.81 0.00	51.25 3.68 -1.04	52.27 3.64 -0.06	50.38 3.64 -0.06	52.78 3.86 0.00	67.40 4.85 -6.74	73.99 5.63 -8.43	62.36 5.06 -1.07	61.40 4.72 -1.84	50.85 3.64 0.00	48.61 3.72 -0.06	44.24 2.93 0.00	42.19 2.24 0.00

PJM_GEN_KEYSTONE 24065	48.02 -0.90 -6.00	46.10 -0.98 -4.21	44.26 -0.98 -2.41	44.07 -0.99 -2.09	44.38 -0.77 -2.06	49.22 -0.70 -8.72	67.88 -0.70 -10.43	72.60 -0.62 -17.00	65.49 -0.62 -9.71	59.11 -0.79 -3.69	51.04 -0.57 0.00	47.64 -0.61 2.50	45.22 -0.75 0.57	47.51 -0.73 0.34	44.69 -0.79 1.19	48.13 -0.78 0.00	54.08 -0.67 1.06	60.47 -0.30 -0.84	54.87 -0.79 0.57	52.93 -0.99 0.92	46.41 -0.80 0.00	44.07 -0.76 0.00	40.52 -0.79 0.00	37.25 -0.80 1.91
PJM_GEN_NEPTUNE_PROXY 323594	69.60 3.31 -23.37	54.19 3.22 -8.10	50.33 3.17 -4.32	50.04 3.22 -3.85	56.55 3.32 -10.14	65.76 3.22 -21.35	99.51 4.89 -36.48	121.41 5.00 -60.20	112.61 5.13 -51.08	97.89 5.06 -36.62	61.08 4.38 -5.09	58.94 4.16 -4.03	57.06 3.91 -6.62	57.69 3.98 -5.13	56.49 3.87 -5.94	58.09 4.21 -4.96	67.17 5.19 -6.17	82.15 5.99 -16.23	73.89 5.40 -12.27	67.15 5.04 -7.27	58.11 3.97 -6.93	55.44 4.04 -6.57	50.38 3.22 -5.85	48.30 2.60 -5.75
PJM_GEN_VFT_PROXY 323633	56.51 2.79 -10.80	53.15 2.70 -7.57	49.82 2.66 -4.33	49.33 2.62 -3.75	49.28 2.76 -3.42	57.03 2.72 -13.12	80.94 4.30 -18.49	97.74 4.50 -37.03	95.34 4.63 -34.32	97.00 4.55 -36.24	55.42 3.82 0.00	54.35 3.60 0.00	51.43 3.53 -1.36	52.15 3.50 -0.07	50.20 3.45 -0.07	52.63 3.72 0.00	54.75 4.63 5.69	55.50 5.40 9.83	46.33 4.84 14.73	55.25 4.55 4.14	50.66 3.45 0.00	48.50 3.59 -0.07	44.12 2.81 0.00	42.02 2.08 0.01
PLATSBRG_115KV_PMLD1 355749	41.85 -1.07 0.00	41.98 -0.90 0.00	42.28 -0.56 0.00	42.66 -0.30 0.00	42.84 -0.26 0.00	40.78 -0.41 0.00	57.69 -0.47 0.00	56.32 0.11 0.00	56.68 0.28 0.00	56.88 0.67 0.00	52.90 1.29 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.27 1.70 0.00	48.31 1.63 0.00	50.58 1.66 0.00	57.54 1.73 0.00	60.71 0.78 0.00	57.18 0.96 0.00	55.77 0.93 0.00	48.21 0.99 0.00	45.56 0.72 0.00	42.34 1.03 0.00	41.07 1.12 0.00
PLEASANTVLY___LBMP 24000	56.77 2.45 -11.40	53.32 2.44 -7.99	49.80 2.40 -4.57	49.34 2.41 -3.97	49.25 2.54 -3.61	55.38 2.43 -11.76	83.33 3.61 -21.58	87.97 3.65 -28.11	75.55 3.84 -15.32	61.36 3.77 -1.39	54.65 3.04 0.00	53.64 2.89 0.00	49.28 2.75 0.00	51.29 2.72 0.00	49.38 2.71 0.00	51.95 3.03 0.00	59.55 3.74 0.00	67.37 4.43 -3.01	61.32 4.05 -1.04	58.57 3.73 0.00	50.10 2.88 0.00	47.80 2.96 0.00	43.54 2.23 0.00	41.75 1.80 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	56.63 2.79 -10.92	53.24 2.70 -7.66	49.86 2.66 -4.37	49.43 2.66 -3.80	49.36 2.80 -3.46	55.19 2.72 -11.27	82.96 4.13 -20.68	86.93 4.27 -26.44	74.53 4.46 -13.67	60.15 4.33 0.39	55.32 3.72 0.00	54.24 3.50 0.00	49.74 3.30 0.10	51.87 3.30 0.00	49.89 3.22 0.00	52.49 3.57 0.00	59.60 4.41 0.62	67.52 5.21 -2.37	61.93 4.72 -0.98	59.06 4.39 0.17	50.57 3.35 0.00	48.29 3.45 0.00	43.95 2.64 0.00	42.03 2.08 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	56.63 2.79 -10.92	53.24 2.70 -7.66	49.86 2.66 -4.37	49.43 2.66 -3.80	49.36 2.80 -3.46	55.19 2.72 -11.27	82.96 4.13 -20.68	86.93 4.27 -26.44	74.53 4.46 -13.67	60.15 4.33 0.39	55.32 3.72 0.00	54.24 3.50 0.00	49.74 3.30 0.10	51.87 3.30 0.00	49.89 3.22 0.00	52.49 3.57 0.00	59.60 4.41 0.62	67.52 5.21 -2.37	61.93 4.72 -0.98	59.06 4.39 0.17	50.57 3.35 0.00	48.29 3.45 0.00	43.95 2.64 0.00	42.03 2.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	56.79 2.70 -11.16	53.36 2.66 -7.83	49.92 2.61 -4.47	49.47 2.62 -3.88	49.35 2.72 -3.54	55.35 2.64 -11.52	83.31 4.01 -21.14	87.69 3.93 -27.54	75.62 4.17 -15.04	61.62 4.05 -1.36	54.96 3.35 0.00	53.89 3.15 0.00	49.46 2.93 0.00	51.49 2.91 0.00	49.57 2.89 0.00	52.19 3.28 0.00	59.88 4.07 0.00	67.74 4.85 -2.95	61.63 4.39 -1.02	58.84 4.00 0.00	50.33 3.12 0.00	48.02 3.18 0.00	43.70 2.40 0.00	41.91 1.96 0.00
POLETTI_____ 23519	56.73 3.00 -10.80	53.37 2.92 -7.57	49.99 2.83 -4.33	49.51 2.79 -3.76	49.49 2.97 -3.42	55.23 2.88 -11.15	83.08 4.48 -20.45	98.01 4.78 -37.02	96.87 4.96 -35.51	98.17 4.83 -37.13	55.68 4.08 0.00	54.55 3.81 0.00	51.66 3.77 -1.36	52.34 3.69 -0.07	50.44 3.69 -0.07	52.88 3.96 0.00	69.54 4.91 -8.82	75.83 5.75 -10.14	62.55 5.23 -1.10	62.13 4.88 -2.40	50.85 3.64 0.00	48.72 3.81 -0.07	44.28 2.97 0.00	42.19 2.24 0.00
POMONA___ESR 323819	55.76 2.40 -10.43	52.55 2.36 -7.31	49.37 2.35 -4.18	48.95 2.36 -3.63	48.94 2.54 -3.31	54.35 2.39 -10.77	81.57 3.67 -19.75	86.06 3.82 -26.02	74.94 3.95 -14.59	62.30 3.82 -2.26	54.96 3.35 0.00	53.89 3.15 0.00	49.57 2.98 -0.06	51.54 2.96 0.00	49.62 2.94 0.00	52.14 3.23 0.00	60.24 4.07 -0.36	67.83 4.85 -3.04	61.52 4.33 -0.96	58.89 3.95 -0.10	50.28 3.07 0.00	47.98 3.14 0.00	43.74 2.44 0.00	41.79 1.84 0.00
PORT_JEFF_3 23555	79.02 4.46 -31.63	55.86 4.54 -8.44	51.57 4.41 -4.32	51.39 4.51 -3.91	62.30 4.66 -14.55	70.39 4.41 -24.79	114.35 5.93 -50.26	144.36 6.24 -81.91	137.08 6.26 -74.42	121.10 6.24 -58.65	66.13 6.09 -8.44	63.26 5.83 -6.68	62.88 5.44 -10.91	62.60 5.54 -8.49	61.93 5.41 -9.84	62.91 5.77 -8.22	72.60 6.98 -9.81	92.15 7.55 -24.67	82.64 6.74 -19.67	73.41 6.63 -11.93	64.03 5.33 -11.47	61.18 5.47 -10.88	55.33 4.34 -9.69	53.12 3.64 -9.53
PORT_JEFF_4 23616	79.02 4.46 -31.63	55.86 4.54 -8.44	51.57 4.41 -4.32	51.39 4.51 -3.91	62.30 4.66 -14.55	70.39 4.41 -24.79	114.35 5.93 -50.26	144.36 6.24 -81.91	137.08 6.26 -74.42	121.10 6.24 -58.65	66.13 6.09 -8.44	63.26 5.83 -6.68	62.88 5.44 -10.91	62.60 5.54 -8.49	61.93 5.41 -9.84	62.91 5.77 -8.22	72.60 6.98 -9.81	92.15 7.55 -24.67	82.64 6.74 -19.67	73.41 6.63 -11.93	64.03 5.33 -11.47	61.18 5.47 -10.88	55.33 4.34 -9.69	53.12 3.64 -9.53
PORT_JEFF_IC 23713	79.02 4.46 -31.63	55.91 4.59 -8.44	51.61 4.45 -4.32	51.43 4.55 -3.91	62.35 4.70 -14.55	70.43 4.45 -24.79	114.40 5.99 -50.26	144.36 6.24 -81.91	137.14 6.32 -74.42	121.10 6.24 -58.65	66.18 6.14 -8.44	63.31 5.88 -6.68	62.88 5.44 -10.91	62.65 5.58 -8.49	61.98 5.46 -9.84	62.95 5.82 -8.22	72.60 6.98 -9.81	92.03 7.43 -24.67	82.47 6.58 -19.67	73.35 6.58 -11.93	64.07 5.38 -11.47	61.23 5.51 -10.88	55.37 4.38 -9.69	53.16 3.67 -9.53
PPL PILGRIM_ST_GT1 24216	78.84 4.29 -31.63	55.61 4.29 -8.44	51.36 4.20 -4.32	51.13 4.25 -3.91	62.05 4.40 -14.55	70.18 4.20 -24.79	114.52 6.10 -50.26	144.36 6.24 -81.91	137.14 6.32 -74.42	121.04 6.18 -58.65	65.72 5.68 -8.44	62.91 5.48 -6.68	62.56 5.12 -10.91	62.32 5.25 -8.49	61.65 5.13 -9.84	62.61 5.48 -8.22	72.26 6.64 -9.81	92.15 7.55 -24.67	82.64 6.74 -19.67	73.19 6.41 -11.93	63.93 5.24 -11.47	60.96 5.24 -10.88	55.21 4.22 -9.69	53.04 3.55 -9.53
PPL PILGRIM_ST_GT2 24217	78.84 4.29 -31.63	55.61 4.29 -8.44	51.36 4.20 -4.32	51.13 4.25 -3.91	62.05 4.40 -14.55	70.18 4.20 -24.79	114.52 6.10 -50.26	144.36 6.24 -81.91	137.14 6.32 -74.42	121.04 6.18 -58.65	65.72 5.68 -8.44	62.91 5.48 -6.68	62.56 5.12 -10.91	62.32 5.25 -8.49	61.65 5.13 -9.84	62.61 5.48 -8.22	72.26 6.64 -9.81	92.15 7.55 -24.67	82.64 6.74 -19.67	73.19 6.41 -11.93	63.93 5.24 -11.47	60.96 5.24 -10.88	55.21 4.22 -9.69	53.04 3.55 -9.53

PPL_SHRM_GT3 24213	79.19 4.64 -31.63	56.38 5.06 -8.44	52.04 4.88 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	70.63 4.65 -24.79	113.65 5.24 -50.26	143.74 5.62 -81.91	136.40 5.58 -74.42	120.53 5.67 -58.65	66.44 6.40 -8.44	63.41 5.98 -6.68	62.93 5.49 -10.91	62.65 5.58 -8.49	62.03 5.51 -9.84	62.95 5.82 -8.22	72.82 7.20 -9.81	92.28 7.67 -24.67	82.75 6.86 -19.67	73.46 6.69 -11.93	63.93 5.24 -11.47	61.23 5.51 -10.88	55.37 4.38 -9.69	53.16 3.67 -9.53
PPL_SHRM_GT4 24214	79.19 4.64 -31.63	56.38 5.06 -8.44	52.04 4.88 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	70.63 4.65 -24.79	113.65 5.24 -50.26	143.74 5.62 -81.91	136.40 5.58 -74.42	120.53 5.67 -58.65	66.44 6.40 -8.44	63.41 5.98 -6.68	62.93 5.49 -10.91	62.65 5.58 -8.49	62.03 5.51 -9.84	62.95 5.82 -8.22	72.82 7.20 -9.81	92.28 7.67 -24.67	82.75 6.86 -19.67	73.46 6.69 -11.93	63.93 5.24 -11.47	61.23 5.51 -10.88	55.37 4.38 -9.69	53.16 3.67 -9.53
PROJECT___ORANGE 1 24174	42.74 -1.16 -0.98	42.36 -1.20 -0.69	41.99 -1.24 -0.39	42.14 -1.16 -0.34	42.42 -0.99 -0.31	41.34 -0.87 -1.01	59.13 -0.87 -1.85	57.89 -0.73 -2.41	57.09 -0.62 -1.31	55.60 -0.73 -0.12	50.73 -0.88 0.00	49.83 -0.91 0.00	45.65 -0.88 0.00	47.65 -0.92 0.00	45.74 -0.93 0.00	47.94 -0.98 0.00	54.69 -1.12 0.00	59.53 -0.66 -0.26	55.48 -0.84 -0.09	53.74 -1.10 0.00	46.27 -0.94 0.00	43.85 -0.99 0.00	40.19 -1.12 0.00	38.96 -1.00 0.00
PROJECT___ORANGE 2 24166	42.74 -1.16 -0.98	42.36 -1.20 -0.69	41.99 -1.24 -0.39	42.14 -1.16 -0.34	42.42 -0.99 -0.31	41.34 -0.87 -1.01	59.13 -0.87 -1.85	57.89 -0.73 -2.41	57.09 -0.62 -1.31	55.60 -0.73 -0.12	50.73 -0.88 0.00	49.83 -0.91 0.00	45.65 -0.88 0.00	47.65 -0.92 0.00	45.74 -0.93 0.00	47.94 -0.98 0.00	54.69 -1.12 0.00	59.53 -0.66 -0.26	55.48 -0.84 -0.09	53.74 -1.10 0.00	46.27 -0.94 0.00	43.85 -0.99 0.00	40.19 -1.12 0.00	38.96 -1.00 0.00
PUCKETT___SOLAR 323809	47.41 0.64 -3.85	46.17 0.60 -2.70	44.89 0.52 -1.54	44.90 0.60 -1.34	45.08 0.82 -1.17	45.87 0.91 -3.78	66.94 1.86 -6.93	67.20 1.97 -9.02	63.54 1.97 -5.17	58.39 1.74 -0.44	53.15 1.55 0.00	52.22 1.47 0.00	47.70 1.16 0.00	49.89 1.31 0.00	47.89 1.21 0.00	50.24 1.32 0.00	57.76 1.67 -0.28	63.22 2.28 -1.01	58.45 1.85 -0.37	56.73 1.48 -0.41	48.49 1.28 0.00	45.83 0.99 0.00	41.97 0.66 0.00	40.63 0.68 0.00
PYRITES___HYD 24023	43.14 0.21 0.00	43.18 0.30 0.00	43.26 0.43 0.00	43.48 0.52 0.00	43.44 0.34 0.00	41.32 0.12 0.00	57.92 -0.23 0.00	56.16 -0.06 0.00	56.23 -0.17 0.00	56.15 -0.06 0.00	52.23 0.62 0.00	51.91 1.17 0.00	47.79 1.26 0.00	50.03 1.46 0.00	47.98 1.31 0.00	50.14 1.22 0.00	56.81 1.00 0.00	58.55 -1.38 0.00	56.28 0.06 0.00	55.06 0.22 0.00	47.50 0.28 0.00	44.88 0.04 0.00	42.09 0.78 0.00	40.99 1.04 0.00
QUAKERRD_115KV_BK1 80622	40.26 -3.35 -0.69	39.81 -3.56 -0.49	39.56 -3.56 -0.28	39.73 -3.48 -0.25	40.63 -2.84 -0.38	39.80 -2.68 -1.29	57.14 -3.37 -2.36	56.02 -3.26 -3.07	54.06 -3.27 -0.93	52.88 -3.49 -0.15	47.89 -3.72 0.00	47.19 -3.55 0.00	42.95 -3.58 0.00	44.98 -3.59 0.00	43.08 -3.59 0.00	45.00 -3.91 0.00	49.69 -4.69 1.43	56.47 -3.66 -0.19	51.96 -4.27 -0.01	48.24 -4.50 2.11	43.58 -3.64 0.00	41.15 -3.68 0.01	37.92 -3.39 0.00	37.04 -2.92 0.00
QUENSBRY_115KV_TB8 356137	59.56 2.88 -13.76	55.40 2.87 -9.65	51.09 2.74 -5.51	50.59 2.84 -4.79	50.22 2.76 -4.36	58.28 2.88 -14.20	88.57 4.36 -26.05	94.59 4.44 -33.94	79.63 4.74 -18.50	62.49 4.61 -1.67	55.37 3.77 0.00	54.30 3.55 0.00	49.79 3.26 0.00	52.02 3.45 0.00	49.76 3.08 0.00	52.24 3.33 0.00	59.88 4.07 0.00	68.30 4.73 -3.63	61.98 4.50 -1.26	58.90 4.06 0.00	50.66 3.45 0.00	47.84 3.00 0.00	43.62 2.31 0.00	42.03 2.08 0.00
RAMAPO___LBMP 323565	55.64 2.32 -10.40	52.45 2.27 -7.29	49.23 2.23 -4.17	48.82 2.23 -3.62	48.76 2.37 -3.30	54.20 2.27 -10.74	81.34 3.49 -19.70	85.80 3.65 -25.94	74.72 3.78 -14.54	62.03 3.60 -2.22	54.75 3.15 0.00	53.69 2.94 0.00	49.38 2.79 -0.06	51.34 2.77 0.00	49.43 2.75 0.00	52.00 3.08 0.00	59.95 3.79 -0.34	67.57 4.61 -3.03	61.29 4.10 -0.96	58.72 3.78 -0.10	50.10 2.88 0.00	47.84 3.00 0.00	43.62 2.31 0.00	41.67 1.72 0.00
RANKINE____ 23646	38.81 -4.72 -0.61	38.47 -4.85 -0.43	38.17 -4.93 -0.26	38.29 -4.90 -0.22	38.99 -4.61 -0.51	38.62 -4.33 -1.75	55.73 -5.64 -3.22	54.56 -5.85 -4.19	51.46 -5.75 -0.81	50.26 -6.13 -0.18	46.60 -5.01 0.00	46.13 -4.62 0.00	41.69 -4.84 0.00	43.81 -4.76 0.00	41.68 -4.99 0.00	43.39 -5.53 0.00	48.71 -6.03 1.07	53.99 -6.11 -0.18	50.33 -5.90 -0.01	47.18 -6.09 1.58	42.06 -5.15 0.01	39.89 -4.93 0.02	36.80 -4.50 0.00	36.32 -3.64 0.00
RAVENSWOOD_GT2_1 24244	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.46	100.28 4.78 -39.29	101.39 4.91 -40.09	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.41 3.64 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT2_2 24245	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.46	100.28 4.78 -39.29	101.39 4.91 -40.09	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.41 3.64 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT2_3 24246	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.31 2.97 -11.15	83.26 4.65 -20.46	100.28 4.78 -39.29	101.45 4.96 -40.09	105.99 4.83 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT2_4 24247	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.31 2.97 -11.15	83.26 4.65 -20.46	100.28 4.78 -39.29	101.45 4.96 -40.09	105.99 4.83 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT3_1 24248	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.31 2.97 -11.15	83.26 4.65 -20.46	100.28 4.78 -39.29	101.45 4.96 -40.09	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00

RAVENSWOOD_GT3_2 24249	56.81 3.09 -10.80	53.45 3.00 -7.57	50.07 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.31 2.97 -11.15	83.26 4.65 -20.46	100.28 4.78 -39.29	101.45 4.96 -40.09	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT3_3 24250	56.86 3.13 -10.80	53.50 3.04 -7.57	50.12 2.96 -4.33	49.64 2.92 -3.76	49.62 3.10 -3.42	55.39 3.05 -11.15	83.32 4.71 -20.46	100.39 4.89 -39.29	101.51 5.02 -40.09	106.04 4.89 -44.94	55.84 4.23 0.00	54.70 3.96 0.00	51.95 3.77 -1.65	52.45 3.79 -0.09	50.50 3.73 -0.09	53.03 4.11 0.00	71.53 5.02 -10.70	77.50 5.87 -11.70	62.69 5.34 -1.12	62.75 4.99 -2.92	50.99 3.78 0.00	48.87 3.95 -0.09	44.40 3.10 0.00	42.31 2.36 0.00
RAVENSWOOD_GT3_4 24251	56.86 3.13 -10.80	53.50 3.04 -7.57	50.12 2.96 -4.33	49.64 2.92 -3.76	49.62 3.10 -3.42	55.39 3.05 -11.15	83.32 4.71 -20.46	100.39 4.89 -39.29	101.51 5.02 -40.09	106.04 4.89 -44.94	55.84 4.23 0.00	54.70 3.96 0.00	51.95 3.77 -1.65	52.45 3.79 -0.09	50.50 3.73 -0.09	53.03 4.11 0.00	71.53 5.02 -10.70	77.50 5.87 -11.70	62.69 5.34 -1.12	62.75 4.99 -2.92	50.99 3.78 0.00	48.87 3.95 -0.09	44.40 3.10 0.00	42.31 2.36 0.00
RAVENSWOOD_GT_1 23729	57.04 3.30 -10.81	53.68 3.22 -7.58	50.30 3.13 -4.33	49.82 3.09 -3.76	49.80 3.28 -3.43	55.57 3.21 -11.16	83.56 4.94 -20.47	100.56 5.06 -39.29	108.02 5.25 -46.37	106.21 5.06 -44.94	55.94 4.33 0.00	54.85 4.11 0.00	52.05 3.86 -1.65	52.55 3.89 -0.09	50.59 3.83 -0.09	53.12 4.21 0.00	71.65 5.13 -10.70	81.07 6.11 -15.03	74.85 5.57 -13.05	64.05 5.16 -4.05	51.09 3.87 0.00	49.01 4.08 -0.09	44.57 3.26 0.00	42.39 2.44 0.00
RAVENSWOOD_GT_10 24258	56.77 3.05 -10.80	53.41 2.96 -7.57	50.07 2.91 -4.32	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.46	100.28 4.78 -39.29	100.84 4.91 -39.53	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT_11 24259	56.77 3.05 -10.80	53.41 2.96 -7.57	50.07 2.91 -4.32	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.46	100.28 4.78 -39.29	100.84 4.91 -39.53	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT_4 24252	56.77 3.05 -10.80	53.41 2.96 -7.57	50.03 2.87 -4.32	49.56 2.84 -3.76	49.49 2.97 -3.42	55.26 2.92 -11.14	83.20 4.59 -20.45	100.22 4.72 -39.29	97.72 4.91 -36.41	105.93 4.78 -44.94	55.73 4.13 0.00	54.60 3.86 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.41 3.64 -0.09	52.93 4.01 0.00	71.37 4.86 -10.70	79.86 5.69 -14.24	71.61 5.17 -10.21	63.45 4.83 -3.78	50.90 3.68 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.23 2.28 0.00
RAVENSWOOD_GT_5 24254	56.77 3.05 -10.80	53.41 2.96 -7.57	50.03 2.87 -4.32	49.56 2.84 -3.76	49.49 2.97 -3.42	55.26 2.92 -11.14	83.20 4.59 -20.45	100.22 4.72 -39.29	97.72 4.91 -36.41	105.93 4.78 -44.94	55.73 4.13 0.00	54.60 3.86 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.41 3.64 -0.09	52.93 4.01 0.00	71.37 4.86 -10.70	79.86 5.69 -14.24	71.61 5.17 -10.21	63.45 4.83 -3.78	50.90 3.68 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.23 2.28 0.00
RAVENSWOOD_GT_6 24253	56.77 3.05 -10.80	53.41 2.96 -7.57	50.03 2.87 -4.32	49.56 2.84 -3.76	49.49 2.97 -3.42	55.26 2.92 -11.14	83.20 4.59 -20.45	100.22 4.72 -39.29	97.72 4.91 -36.41	105.93 4.78 -44.94	55.73 4.13 0.00	54.60 3.86 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.41 3.64 -0.09	52.93 4.01 0.00	71.37 4.86 -10.70	79.86 5.69 -14.24	71.61 5.17 -10.21	63.45 4.83 -3.78	50.90 3.68 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.23 2.28 0.00
RAVENSWOOD_GT_7 24255	56.77 3.05 -10.80	53.41 2.96 -7.57	50.03 2.87 -4.32	49.56 2.84 -3.76	49.49 2.97 -3.42	55.26 2.92 -11.14	83.20 4.59 -20.45	100.22 4.72 -39.29	97.72 4.91 -36.41	105.93 4.78 -44.94	55.73 4.13 0.00	54.60 3.86 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.41 3.64 -0.09	52.93 4.01 0.00	71.37 4.86 -10.70	79.86 5.69 -14.24	71.61 5.17 -10.21	63.45 4.83 -3.78	50.90 3.68 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.23 2.28 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	56.77 3.05 -10.80	53.41 2.96 -7.57	50.07 2.91 -4.32	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.46	100.28 4.78 -39.29	100.84 4.91 -39.53	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD_GT_9 24257	56.77 3.05 -10.80	53.41 2.96 -7.57	50.07 2.91 -4.32	49.60 2.88 -3.76	49.54 3.02 -3.42	55.31 2.97 -11.15	83.20 4.59 -20.46	100.28 4.78 -39.29	100.84 4.91 -39.53	105.93 4.78 -44.94	55.73 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.93 4.01 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.57 5.23 -1.12	62.64 4.88 -2.92	50.95 3.73 0.00	48.78 3.86 -0.09	44.32 3.02 0.00	42.27 2.32 0.00
RAVENSWOOD___1 23533	57.04 3.31 -10.81	53.63 3.17 -7.58	50.29 3.13 -4.33	49.82 3.10 -3.76	49.80 3.27 -3.43	55.52 3.17 -11.16	83.56 4.94 -20.46	100.56 5.06 -39.29	107.19 5.19 -45.61	106.21 5.06 -44.94	55.89 4.28 0.00	54.80 4.06 0.00	52.00 3.82 -1.65	52.50 3.84 -0.09	50.55 3.78 -0.09	53.03 4.11 0.00	71.64 5.13 -10.70	77.68 6.05 -11.70	62.80 5.45 -1.12	62.80 5.04 -2.92	51.04 3.82 0.00	48.92 3.99 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
RAVENSWOOD___2 23534	56.99 3.26 -10.81	53.63 3.17 -7.58	50.29 3.13 -4.33	49.82 3.10 -3.76	49.76 3.23 -3.43	55.52 3.17 -11.16	83.50 4.89 -20.46	100.50 5.00 -39.29	107.17 5.19 -45.59	106.21 5.06 -44.94	55.84 4.23 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.50 3.84 -0.09	50.55 3.78 -0.09	52.97 4.06 0.00	71.59 5.08 -10.70	77.68 6.05 -11.70	62.80 5.45 -1.12	62.80 5.04 -2.92	51.04 3.82 0.00	48.92 3.99 -0.09	44.53 3.22 0.00	42.39 2.44 0.00
RAVENSWOOD___3 23535	56.82 3.09 -10.80	53.41 2.96 -7.57	50.08 2.91 -4.33	49.60 2.88 -3.76	49.58 3.06 -3.42	55.31 2.97 -11.15	83.26 4.65 -20.46	100.28 4.78 -39.29	101.45 4.96 -40.09	105.99 4.83 -44.94	55.74 4.13 0.00	54.65 3.91 0.00	51.91 3.72 -1.65	52.40 3.74 -0.09	50.45 3.69 -0.09	52.88 3.96 0.00	71.42 4.91 -10.70	77.38 5.75 -11.70	62.52 5.17 -1.12	62.58 4.83 -2.92	50.95 3.73 0.00	48.74 3.81 -0.09	44.32 3.01 0.00	42.27 2.32 0.00

RAVENSWOOD___4 23820	56.99 3.26 -10.81	53.63 3.17 -7.58	50.25 3.09 -4.33	49.77 3.05 -3.76	49.76 3.23 -3.43	55.52 3.17 -11.16	83.50 4.89 -20.46	100.50 5.00 -39.29	106.42 5.19 -44.84	106.15 5.00 -44.94	55.84 4.23 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.50 3.74 -0.09	52.97 4.06 0.00	71.59 5.08 -10.70	74.34 5.99 -8.42	51.38 5.40 10.25	61.66 4.99 -1.83	51.04 3.82 0.00	48.87 3.95 -0.09	44.49 3.18 0.00	42.35 2.40 0.00
RCPI_TRUST___DRP 24196	56.77 3.05 -10.80	53.41 2.96 -7.57	50.03 2.87 -4.32	49.56 2.84 -3.76	49.54 3.02 -3.42	55.27 2.92 -11.15	83.20 4.59 -20.45	95.51 4.78 -34.52	91.80 4.96 -30.44	89.53 4.83 -28.49	55.79 4.18 0.00	54.65 3.91 0.00	51.34 3.77 -1.04	52.42 3.79 -0.06	50.47 3.73 -0.06	52.93 4.01 0.00	67.52 4.97 -6.74	74.11 5.75 -8.43	62.47 5.17 -1.07	61.56 4.88 -1.84	50.90 3.68 0.00	48.75 3.86 -0.06	44.28 2.97 0.00	42.23 2.28 0.00
RED___ROCHESTER 323720	40.88 -2.70 -0.66	40.39 -2.96 -0.47	40.11 -3.00 -0.27	40.63 -2.58 -0.24	41.37 -2.11 -0.39	40.58 -1.94 -1.32	58.13 -2.44 -2.42	56.95 -2.42 -3.15	54.87 -2.42 -0.89	53.11 -3.26 -0.16	48.56 -3.04 0.00	47.90 -2.84 0.00	43.51 -3.02 0.00	45.61 -2.96 0.00	43.64 -3.03 0.00	45.74 -3.18 0.00	50.73 -3.96 1.12	57.48 -2.64 -0.18	53.04 -3.20 -0.02	49.36 -3.84 1.65	44.24 -2.97 0.00	41.82 -3.00 0.01	38.50 -2.81 0.00	37.68 -2.28 0.00
REGAN___SOLAR 323812	62.29 4.25 -15.12	57.76 4.29 -10.60	52.91 4.03 -6.05	52.44 4.21 -5.26	51.98 4.10 -4.79	61.28 4.49 -15.59	93.68 6.92 -28.61	100.62 7.14 -37.27	83.87 7.16 -20.31	64.73 6.69 -1.84	57.44 5.83 0.00	55.77 5.02 0.00	51.33 4.79 0.00	54.01 5.44 0.00	51.62 4.95 0.00	54.30 5.38 0.00	62.39 6.58 0.00	71.53 7.61 -3.99	64.75 7.14 -1.38	61.25 6.41 0.00	52.74 5.52 0.00	49.54 4.71 0.00	45.19 3.88 0.00	43.35 3.39 0.00
RENSSELAER___COGEN 23796	58.17 1.93 -13.32	54.15 1.93 -9.34	50.05 1.88 -5.33	49.53 1.94 -4.63	49.30 1.98 -4.22	56.83 1.90 -13.74	85.92 2.56 -25.21	91.19 2.14 -32.84	76.66 2.37 -17.90	60.19 2.36 -1.62	53.05 1.44 0.00	52.11 1.37 0.00	47.98 1.44 0.00	49.98 1.41 0.00	48.08 1.40 0.00	50.24 1.32 0.00	57.43 1.62 0.00	65.42 1.97 -3.51	59.24 1.80 -1.22	56.43 1.59 0.00	48.63 1.42 0.00	46.23 1.39 0.00	42.30 0.99 0.00	41.07 1.12 0.00
REPUBLIC_115KV_BARTNBRK 55605	61.10 4.42 -13.76	56.90 4.37 -9.65	52.50 4.16 -5.51	52.05 4.30 -4.79	51.55 4.09 -4.36	59.75 4.37 -14.19	90.82 6.63 -26.04	96.99 6.86 -33.92	82.16 7.28 -18.48	64.96 7.08 -1.67	57.59 5.99 0.00	56.43 5.68 0.00	51.56 5.03 0.00	54.01 5.44 0.00	51.48 4.81 0.00	54.05 5.14 0.00	62.00 6.19 0.00	70.69 7.13 -3.63	64.29 6.80 -1.26	60.98 6.14 0.00	52.46 5.24 0.00	49.37 4.53 0.00	44.86 3.55 0.00	43.19 3.24 0.00
REVERE_CPPR_DRP 24186	44.86 1.37 -0.57	44.69 1.41 -0.40	44.43 1.37 -0.23	44.62 1.46 -0.20	44.91 1.64 -0.18	43.55 1.77 -0.59	62.14 2.91 -1.08	60.59 2.98 -1.40	60.15 2.99 -0.76	59.09 2.81 -0.07	54.08 2.48 0.00	53.18 2.44 0.00	48.67 2.14 0.00	50.91 2.33 0.00	48.87 2.19 0.00	51.17 2.25 0.00	58.49 2.68 0.00	63.20 3.12 -0.15	59.09 2.81 -0.05	57.36 2.52 0.00	49.25 2.03 0.00	46.59 1.75 0.00	42.63 1.32 0.00	41.27 1.32 0.00
REYNOLDS_115KV_TB3 80639	58.32 2.06 -13.34	54.25 2.02 -9.35	50.23 2.06 -5.34	49.67 2.06 -4.64	49.44 2.11 -4.23	56.98 2.02 -13.76	86.14 2.73 -25.25	91.52 2.42 -32.89	76.98 2.65 -17.93	60.47 2.64 -1.62	53.31 1.70 0.00	52.37 1.62 0.00	48.16 1.63 0.00	50.18 1.60 0.00	48.26 1.59 0.00	50.58 1.66 0.00	57.82 2.01 0.00	65.85 2.40 -3.52	59.75 2.31 -1.22	56.92 2.08 0.00	48.96 1.75 0.00	46.54 1.70 0.00	42.50 1.20 0.00	41.15 1.20 0.00
RIVERBAY____ 323610	57.55 3.82 -10.81	54.28 3.82 -7.58	50.94 3.77 -4.33	50.42 3.69 -3.76	50.36 3.84 -3.43	56.06 3.71 -11.16	84.08 5.47 -20.46	88.83 5.45 -27.17	77.53 5.58 -15.54	64.68 5.40 -3.07	56.20 4.59 0.00	55.11 4.36 0.00	50.74 4.09 -0.11	52.65 4.08 0.00	50.69 4.01 0.00	53.32 4.40 0.00	61.86 5.41 -0.64	69.73 6.41 -3.38	63.08 5.85 -1.01	60.45 5.43 -0.18	51.28 4.06 0.00	49.20 4.35 -0.01	44.90 3.59 0.00	42.75 2.80 0.00
RIVERSDE_115KV_TB3 55908	58.35 2.06 -13.37	54.27 2.02 -9.38	50.20 2.01 -5.35	49.68 2.06 -4.65	49.40 2.07 -4.24	57.01 2.02 -13.79	86.19 2.73 -25.31	91.54 2.36 -32.97	77.02 2.65 -17.97	60.48 2.64 -1.63	53.31 1.70 0.00	52.37 1.62 0.00	48.16 1.63 0.00	50.18 1.60 0.00	48.26 1.59 0.00	50.48 1.57 0.00	57.65 1.84 0.00	65.73 2.28 -3.53	59.58 2.14 -1.22	56.76 1.92 0.00	48.87 1.65 0.00	46.45 1.61 0.00	42.46 1.16 0.00	41.15 1.20 0.00
ROARING___BROOK_WT_PWR 323790	42.28 -0.64 0.00	42.32 -0.56 0.00	42.41 -0.43 0.00	42.58 -0.39 0.00	42.75 -0.35 0.00	40.86 -0.33 0.00	57.63 -0.52 0.00	55.76 -0.45 0.00	55.87 -0.45 0.00	51.50 -0.34 0.00	50.69 -0.10 0.00	46.49 -0.05 0.00	48.57 0.00 0.00	46.68 0.00 0.00	48.87 -0.05 0.00	55.70 -0.11 0.00	59.39 -0.54 0.00	55.95 -0.28 0.00	54.62 -0.22 0.00	47.08 -0.14 0.00	44.66 -0.18 0.00	41.27 -0.04 0.00	39.96 0.00 0.00	
ROCHESRG_115KV_T4 355643	40.49 -3.09 -0.66	40.00 -3.34 -0.47	39.81 -3.30 -0.27	39.94 -3.27 -0.24	40.94 -2.54 -0.38	40.11 -2.39 -1.31	57.53 -3.02 -2.40	56.31 -3.04 -3.13	54.24 -3.05 -0.89	53.00 -3.37 -0.16	47.94 -3.66 0.00	47.34 -3.40 0.00	43.00 -3.54 0.00	45.08 -3.50 0.00	43.13 -3.55 0.00	45.00 -3.91 0.00	50.08 -4.63 1.10	56.70 -3.42 -0.18	52.09 -4.16 -0.02	48.78 -4.44 1.62	43.72 -3.49 0.00	41.28 -3.54 0.01	38.08 -3.22 0.00	37.32 -2.64 0.00
ROCHESTER_9_IC 23652	40.71 -2.88 -0.66	40.22 -3.13 -0.47	39.98 -3.13 -0.27	40.15 -3.05 -0.24	41.16 -2.33 -0.39	40.33 -2.18 -1.32	57.84 -2.73 -2.42	56.67 -2.70 -3.15	54.58 -2.71 -0.89	53.33 -3.04 -0.16	48.25 -3.35 0.00	47.65 -3.10 0.00	43.27 -3.26 0.00	45.37 -3.21 0.00	43.41 -3.27 0.00	45.30 -3.62 0.00	50.39 -4.30 1.12	57.12 -3.00 -0.18	52.48 -3.77 -0.02	49.14 -4.06 1.65	44.05 -3.16 0.00	41.55 -3.27 0.01	38.33 -2.97 0.00	37.56 -2.40 0.00
ROCKVIEW_13_KV_LD 356306	56.69 2.96 -10.80	53.33 2.87 -7.57	49.99 2.83 -4.33	49.56 2.84 -3.76	49.49 2.97 -3.42	55.23 2.88 -11.15	83.09 4.48 -20.46	87.52 4.67 -26.65	75.77 4.85 -14.52	62.24 4.72 -1.31	55.68 4.08 0.00	54.55 3.81 0.00	50.30 3.63 -0.14	52.22 3.64 0.00	50.22 3.55 0.00	52.83 3.91 0.00	61.40 4.80 -0.80	69.08 5.63 -3.51	62.36 5.12 -1.02	59.84 4.77 -0.23	50.85 3.64 0.00	48.60 3.77 0.00	44.20 2.89 0.00	42.19 2.24 0.00
ROME_____115KV_TB2 80656	44.86 1.37 -0.57	44.69 1.41 -0.40	44.43 1.37 -0.23	44.62 1.46 -0.20	44.91 1.64 -0.18	43.55 1.77 -0.59	62.14 2.91 -1.08	60.59 2.98 -1.40	60.15 2.99 -0.76	59.09 2.81 -0.07	54.08 2.48 0.00	53.18 2.44 0.00	48.67 2.14 0.00	50.91 2.33 0.00	48.87 2.19 0.00	51.17 2.25 0.00	58.49 2.68 0.00	63.20 3.12 -0.15	59.09 2.81 -0.05	57.36 2.52 0.00	49.25 2.03 0.00	46.59 1.75 0.00	42.63 1.32 0.00	41.27 1.32 0.00

ROSETON___1 23587	56.17 2.36 -10.89	52.83 2.31 -7.64	49.47 2.27 -4.36	49.07 2.32 -3.79	48.96 2.41 -3.45	54.74 2.31 -11.24	82.26 3.49 -20.62	86.61 3.54 -26.86	74.76 3.72 -14.63	61.13 3.60 -1.32	54.60 2.99 0.00	53.53 2.79 0.00	49.18 2.65 0.00	51.24 2.67 0.00	49.29 2.61 0.00	51.80 2.89 0.00	59.43 3.63 0.00	67.12 4.32 -2.87	61.10 3.88 -0.99	58.40 3.56 0.00	50.00 2.79 0.00	47.71 2.87 0.00	43.49 2.19 0.00	41.67 1.72 0.00
ROSETON___2 23588	56.17 2.36 -10.89	52.83 2.31 -7.64	49.47 2.27 -4.36	49.07 2.32 -3.79	48.96 2.41 -3.45	54.74 2.31 -11.24	82.26 3.49 -20.62	86.61 3.54 -26.86	74.76 3.72 -14.63	61.13 3.60 -1.32	54.60 2.99 0.00	53.53 2.79 0.00	49.18 2.65 0.00	51.24 2.67 0.00	49.29 2.61 0.00	51.80 2.89 0.00	59.43 3.63 0.00	67.12 4.32 -2.87	61.10 3.88 -0.99	58.40 3.56 0.00	50.00 2.79 0.00	47.71 2.87 0.00	43.49 2.19 0.00	41.67 1.72 0.00
ROTTTRDAM_115KV_TB3 80664	58.45 1.63 -13.90	54.25 1.63 -9.75	49.99 1.58 -5.57	49.43 1.63 -4.84	49.14 1.64 -4.41	57.18 1.65 -14.34	86.91 2.44 -26.31	92.90 2.42 -34.27	77.62 2.54 -18.68	60.37 2.47 -1.69	53.52 1.91 0.00	52.52 1.78 0.00	48.21 1.68 0.00	50.32 1.75 0.00	48.36 1.68 0.00	50.78 1.86 0.00	58.04 2.23 0.00	66.29 2.70 -3.67	60.03 2.53 -1.27	57.14 2.30 0.00	49.11 1.89 0.00	46.59 1.75 0.00	42.63 1.32 0.00	41.11 1.16 0.00
RUSSELL___1 23602	40.84 -2.75 -0.66	40.35 -3.00 -0.47	40.11 -3.00 -0.27	40.28 -2.92 -0.24	41.33 -2.15 -0.39	40.50 -2.02 -1.32	58.13 -2.44 -2.42	56.95 -2.42 -3.15	54.87 -2.43 -0.89	53.61 -2.75 -0.16	48.51 -3.10 0.00	47.90 -2.84 0.00	43.51 -3.02 0.00	45.61 -2.96 0.00	43.64 -3.03 0.00	45.54 -3.38 0.00	50.73 -3.96 1.12	57.48 -2.64 -0.18	52.76 -3.49 -0.02	49.41 -3.78 1.65	44.28 -2.93 0.00	41.78 -3.05 0.01	38.50 -2.81 0.00	37.72 -2.24 0.00
RUSSELL___2 23532	40.84 -2.75 -0.66	40.35 -3.00 -0.47	40.11 -3.00 -0.27	40.28 -2.92 -0.24	41.33 -2.15 -0.39	40.50 -2.02 -1.32	58.13 -2.44 -2.42	56.95 -2.42 -3.15	54.87 -2.43 -0.89	53.61 -2.75 -0.16	48.51 -3.10 0.00	47.90 -2.84 0.00	43.51 -3.02 0.00	45.61 -2.96 0.00	43.64 -3.03 0.00	45.54 -3.38 0.00	50.73 -3.96 1.12	57.48 -2.64 -0.18	52.76 -3.49 -0.02	49.41 -3.78 1.65	44.28 -2.93 0.00	41.78 -3.05 0.01	38.50 -2.81 0.00	37.72 -2.24 0.00
RUSSELL___3 23549	40.84 -2.75 -0.66	40.35 -3.00 -0.47	40.11 -3.00 -0.27	40.28 -2.92 -0.24	41.33 -2.15 -0.39	40.50 -2.02 -1.32	58.13 -2.44 -2.42	56.95 -2.42 -3.15	54.87 -2.43 -0.89	53.61 -2.75 -0.16	48.51 -3.10 0.00	47.90 -2.84 0.00	43.51 -3.02 0.00	45.61 -2.96 0.00	43.64 -3.03 0.00	45.54 -3.38 0.00	50.73 -3.96 1.12	57.48 -2.64 -0.18	52.76 -3.49 -0.02	49.41 -3.78 1.65	44.28 -2.93 0.00	41.78 -3.05 0.01	38.50 -2.81 0.00	37.72 -2.24 0.00
RUSSELL___4 23556	40.84 -2.75 -0.66	40.35 -3.00 -0.47	40.11 -3.00 -0.27	40.28 -2.92 -0.24	41.33 -2.15 -0.39	40.50 -2.02 -1.32	58.13 -2.44 -2.42	56.95 -2.42 -3.15	54.87 -2.43 -0.89	53.61 -2.75 -0.16	48.51 -3.10 0.00	47.90 -2.84 0.00	43.51 -3.02 0.00	45.61 -2.96 0.00	43.64 -3.03 0.00	45.54 -3.38 0.00	50.73 -3.96 1.12	57.48 -2.64 -0.18	52.76 -3.49 -0.02	49.41 -3.78 1.65	44.28 -2.93 0.00	41.78 -3.05 0.01	38.50 -2.81 0.00	37.72 -2.24 0.00
RUSSELL___STATION 23914	40.84 -2.75 -0.66	40.35 -3.00 -0.47	40.11 -3.00 -0.27	40.28 -2.92 -0.24	41.33 -2.15 -0.39	40.50 -2.02 -1.32	58.13 -2.44 -2.42	56.95 -2.42 -3.15	54.87 -2.43 -0.89	53.61 -2.75 -0.16	48.51 -3.10 0.00	47.90 -2.84 0.00	43.51 -3.02 0.00	45.61 -2.96 0.00	43.64 -3.03 0.00	45.54 -3.38 0.00	50.73 -3.96 1.12	57.48 -2.64 -0.18	52.76 -3.49 -0.02	49.41 -3.78 1.65	44.28 -2.93 0.00	41.78 -3.05 0.01	38.50 -2.81 0.00	37.72 -2.24 0.00
S SALMON___HYD 24043	42.71 -0.99 -0.78	42.44 -0.98 -0.54	42.16 -0.98 -0.31	42.37 -0.86 -0.27	42.65 -0.69 -0.25	41.42 -0.58 -0.80	59.04 -0.58 -1.47	57.74 -0.39 -1.91	57.05 -0.39 -1.04	55.80 -0.51 -0.09	51.04 -0.57 0.00	50.19 -0.56 0.00	45.88 -0.65 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.33 -0.58 0.00	55.08 -0.73 0.00	59.78 -0.36 -0.20	55.85 -0.45 -0.08	54.13 -0.71 0.00	46.56 -0.66 0.00	44.12 -0.72 0.00	40.44 -0.87 0.00	39.16 -0.80 0.00
S.PERRY___115KV_TB1 80734	41.39 -1.76 -0.23	41.12 -1.93 -0.17	40.98 -1.97 -0.11	41.22 -1.85 -0.10	42.47 -1.16 -0.54	42.19 -0.91 -1.90	61.11 -0.52 -3.48	60.41 -0.34 -4.53	56.37 -0.34 -0.31	55.58 -0.84 -0.22	50.63 -0.98 0.00	49.83 -0.91 0.00	45.18 -1.35 0.00	47.41 -1.17 0.00	45.37 -1.31 0.00	47.20 -1.71 0.00	52.98 -1.79 1.04	59.42 -0.60 -0.08	55.01 -1.18 0.04	51.67 -1.65 1.53	45.88 -1.32 0.01	43.28 -1.52 0.03	39.65 -1.65 0.00	38.80 -1.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.51 -5.02 -0.61	38.04 -5.27 -0.44	37.82 -5.27 -0.26	37.91 -5.28 -0.23	38.89 -4.70 -0.49	38.39 -4.49 -1.69	55.31 -5.93 -3.09	54.06 -6.18 -4.03	51.07 -6.15 -0.82	49.85 -6.52 -0.17	45.72 -5.88 0.00	45.26 -5.48 0.00	40.90 -5.63 0.00	43.04 -5.54 0.00	40.94 -5.74 0.00	42.61 -6.31 0.00	47.48 -7.26 1.07	53.40 -6.71 -0.18	49.26 -6.97 -0.01	46.14 -7.13 1.57	41.40 -5.81 0.01	39.17 -5.65 0.02	36.27 -5.04 0.00	35.88 -4.08 0.00
SAWYER___23_KV_LOAD 55526	38.51 -5.02 -0.61	38.04 -5.27 -0.44	37.82 -5.27 -0.26	37.91 -5.28 -0.23	38.89 -4.70 -0.49	38.39 -4.49 -1.69	55.31 -5.93 -3.09	54.06 -6.18 -4.03	51.07 -6.15 -0.82	49.85 -6.52 -0.17	45.72 -5.88 0.00	45.26 -5.48 0.00	40.90 -5.63 0.00	43.04 -5.54 0.00	40.94 -5.74 0.00	42.61 -6.31 0.00	47.48 -7.26 1.07	53.40 -6.71 -0.18	49.26 -6.97 -0.01	46.14 -7.13 1.57	41.40 -5.81 0.01	39.17 -5.65 0.02	36.27 -5.04 0.00	35.88 -4.08 0.00
SELKIRK___I 23801	58.01 1.98 -13.11	54.05 1.97 -9.20	50.06 1.97 -5.25	49.55 2.02 -4.56	49.24 1.98 -4.16	56.66 1.94 -13.53	85.65 2.68 -24.82	90.85 2.31 -32.33	76.56 2.54 -17.63	60.27 2.47 -1.59	53.31 1.70 0.00	52.37 1.62 0.00	48.16 1.63 0.00	50.23 1.65 0.00	48.27 1.59 0.00	50.48 1.56 0.00	57.71 1.90 0.00	65.67 2.28 -3.46	59.56 2.14 -1.20	56.76 1.92 0.00	48.91 1.70 0.00	46.45 1.61 0.00	42.54 1.24 0.00	41.23 1.28 0.00
SELKIRK___II 23799	57.94 1.76 -13.26	53.89 1.72 -9.30	49.86 1.72 -5.31	49.34 1.76 -4.61	49.11 1.81 -4.20	56.61 1.73 -13.68	85.64 2.39 -25.10	90.99 2.08 -32.70	76.53 2.31 -17.82	60.07 2.25 -1.61	53.15 1.55 0.00	52.16 1.42 0.00	47.98 1.44 0.00	49.98 1.41 0.00	48.08 1.40 0.00	50.34 1.42 0.00	57.54 1.73 0.00	65.52 2.10 -3.50	59.35 1.91 -1.21	56.60 1.75 0.00	48.73 1.51 0.00	46.32 1.48 0.00	42.38 1.07 0.00	41.04 1.08 0.00
SENECA OSWGO___HYD 24041	42.37 -1.42 -0.86	42.03 -1.46 -0.61	41.68 -1.50 -0.35	41.89 -1.38 -0.30	42.12 -1.25 -0.27	40.98 -1.11 -0.89	58.51 -1.28 -1.64	57.22 -1.12 -2.13	56.49 -1.07 -1.16	55.08 -1.24 -0.11	50.37 -1.24 0.00	49.48 -1.27 0.00	45.32 -1.21 0.00	47.31 -1.26 0.00	45.42 -1.26 0.00	47.64 -1.27 0.00	54.30 -1.50 0.00	59.08 -1.08 -0.23	55.13 -1.18 -0.08	53.41 -1.43 0.00	45.99 -1.23 0.00	43.58 -1.26 0.00	39.94 -1.36 0.00	38.68 -1.28 0.00

SENECA___115KV_TB3 355854	38.89 -4.64 -0.61	38.51 -4.80 -0.43	38.25 -4.84 -0.26	38.33 -4.85 -0.22	39.03 -4.57 -0.51	38.66 -4.28 -1.75	55.84 -5.52 -3.22	54.67 -5.73 -4.19	51.52 -5.70 -0.81	50.32 -6.07 -0.18	46.70 -4.90 0.00	46.23 -4.52 0.00	41.79 -4.75 0.00	43.91 -4.66 0.00	41.78 -4.90 0.00	43.49 -5.43 0.00	48.82 -5.92 1.07	54.05 -6.05 -0.18	50.38 -5.85 -0.01	47.29 -5.98 1.58	42.11 -5.10 0.01	39.93 -4.89 0.02	36.85 -4.46 0.00	36.36 -3.60 0.00
SENECA___ENERGY 23797	42.59 -1.46 -1.13	42.13 -1.54 -0.79	41.71 -1.58 -0.46	41.94 -1.42 -0.40	42.41 -1.12 -0.43	41.72 -0.91 -1.43	59.91 -0.87 -2.63	59.02 -0.62 -3.43	57.30 -0.62 -1.52	55.48 -0.90 -0.17	50.73 -0.88 0.00	49.88 -0.86 0.00	45.51 -1.02 0.00	47.60 -0.97 0.00	45.61 -1.07 0.00	47.79 -1.12 0.00	56.08 -1.39 -1.66	59.52 -0.72 -0.30	55.38 -1.01 -0.17	55.87 -1.43 -2.46	46.08 -1.13 0.00	43.53 -1.30 0.00	39.98 -1.32 0.00	38.80 -1.16 0.00
SHOEMAKER___GT 23640	54.85 2.02 -9.91	51.80 1.97 -6.95	48.73 1.93 -3.97	48.35 1.94 -3.45	48.31 2.07 -3.14	53.40 1.98 -10.23	79.89 2.96 -18.77	83.64 2.98 -24.45	72.81 3.10 -13.31	60.39 2.98 -1.20	54.13 2.53 0.00	53.08 2.34 0.00	48.73 2.19 -0.01	50.71 2.13 0.00	48.83 2.15 0.00	51.31 2.40 0.00	58.94 3.07 -0.07	66.32 3.72 -2.67	60.39 3.26 -0.91	57.82 2.96 -0.02	49.53 2.31 0.00	47.30 2.46 0.00	43.17 1.86 0.00	41.39 1.44 0.00
SHOEMAKR_138KV_BK 111 55601	54.79 2.02 -9.85	51.76 1.97 -6.91	48.71 1.93 -3.94	48.32 1.93 -3.43	48.29 2.07 -3.12	53.34 1.98 -10.16	79.77 2.97 -18.65	83.48 2.98 -24.29	72.78 3.16 -13.22	60.44 3.04 -1.20	54.13 2.53 0.00	53.08 2.33 0.00	48.73 2.19 -0.01	50.76 2.19 0.00	48.87 2.19 0.00	51.36 2.45 0.00	58.94 3.07 -0.06	66.35 3.78 -2.65	60.50 3.37 -0.90	57.93 3.07 -0.02	49.58 2.36 0.00	47.35 2.51 0.00	43.17 1.86 0.00	41.39 1.44 0.00
SHOREHAM_IC_1 23715	79.19 4.64 -31.63	56.38 5.06 -8.44	52.04 4.88 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	70.63 4.65 -24.79	113.65 5.24 -50.26	143.74 5.62 -81.91	136.40 5.58 -74.42	120.53 5.67 -58.65	66.44 6.40 -8.44	63.41 5.98 -6.68	62.93 5.49 -10.91	62.65 5.58 -8.49	62.03 5.51 -9.84	62.95 5.82 -8.22	72.82 7.20 -9.81	92.28 7.67 -24.67	82.75 6.86 -19.67	73.46 6.69 -11.93	63.93 5.24 -11.47	61.23 5.51 -10.88	55.37 4.38 -9.69	53.16 3.67 -9.53
SHOREHAM_IC_2 23716	79.19 4.64 -31.63	56.38 5.06 -8.44	52.04 4.88 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	70.63 4.65 -24.79	113.65 5.24 -50.26	143.74 5.62 -81.91	136.40 5.58 -74.42	120.53 5.67 -58.65	66.44 6.40 -8.44	63.41 5.98 -6.68	62.93 5.49 -10.91	62.65 5.58 -8.49	62.03 5.51 -9.84	62.95 5.82 -8.22	72.82 7.20 -9.81	92.28 7.67 -24.67	82.75 6.86 -19.67	73.46 6.69 -11.93	63.93 5.24 -11.47	61.23 5.51 -10.88	55.37 4.38 -9.69	53.16 3.67 -9.53
SISSONVILLE____ 23735	42.32 -0.60 0.00	42.41 -0.47 0.00	42.49 -0.34 0.00	42.71 -0.26 0.00	42.67 -0.43 0.00	40.41 -0.78 0.00	56.41 -1.74 0.00	54.69 -1.52 0.00	54.76 -1.64 0.00	54.75 -1.46 0.00	50.78 -0.83 0.00	50.69 -0.05 0.00	46.76 0.23 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.16 0.24 0.00	55.64 -0.17 0.00	57.11 -2.82 0.00	54.88 -1.35 0.00	53.69 -1.15 0.00	46.37 -0.85 0.00	43.85 -0.99 0.00	41.31 0.00 0.00	40.28 0.32 0.00
SITHE_IND_GS1 24169	41.71 -1.89 -0.67	41.42 -1.93 -0.47	41.18 -1.93 -0.27	41.35 -1.85 -0.23	41.58 -1.73 -0.21	40.28 -1.61 -0.69	57.34 -2.09 -1.27	55.90 -1.97 -1.66	55.39 -1.92 -0.90	54.21 -2.08 -0.08	49.59 -2.01 0.00	48.76 -1.98 0.00	44.62 -1.91 0.00	46.63 -1.94 0.00	44.76 -1.92 0.00	46.91 -2.01 0.00	53.47 -2.34 0.00	58.01 -2.10 -0.18	54.15 -2.14 -0.06	52.54 -2.30 0.00	45.28 -1.94 0.00	42.96 -1.88 0.00	39.45 -1.86 0.00	38.24 -1.72 0.00
SITHE_IND_GS2 24170	41.71 -1.89 -0.67	41.42 -1.93 -0.47	41.18 -1.93 -0.27	41.35 -1.85 -0.23	41.58 -1.73 -0.21	40.28 -1.61 -0.69	57.34 -2.09 -1.27	55.90 -1.97 -1.66	55.39 -1.92 -0.90	54.21 -2.08 -0.08	49.59 -2.01 0.00	48.76 -1.98 0.00	44.62 -1.91 0.00	46.63 -1.94 0.00	44.76 -1.92 0.00	46.91 -2.01 0.00	53.47 -2.34 0.00	58.01 -2.10 -0.18	54.15 -2.14 -0.06	52.54 -2.30 0.00	45.28 -1.94 0.00	42.96 -1.88 0.00	39.45 -1.86 0.00	38.24 -1.72 0.00
SITHE_IND_GS3 24171	41.71 -1.89 -0.67	41.42 -1.93 -0.47	41.18 -1.93 -0.27	41.35 -1.85 -0.23	41.58 -1.73 -0.21	40.28 -1.61 -0.69	57.34 -2.09 -1.27	55.90 -1.97 -1.66	55.39 -1.92 -0.90	54.21 -2.08 -0.08	49.59 -2.01 0.00	48.76 -1.98 0.00	44.62 -1.91 0.00	46.63 -1.94 0.00	44.76 -1.92 0.00	46.91 -2.01 0.00	53.47 -2.34 0.00	58.01 -2.10 -0.18	54.15 -2.14 -0.06	52.54 -2.30 0.00	45.28 -1.94 0.00	42.96 -1.88 0.00	39.45 -1.86 0.00	38.24 -1.72 0.00
SITHE_IND_GS4 24172	41.71 -1.89 -0.67	41.42 -1.93 -0.47	41.18 -1.93 -0.27	41.35 -1.85 -0.23	41.58 -1.73 -0.21	40.28 -1.61 -0.69	57.34 -2.09 -1.27	55.90 -1.97 -1.66	55.39 -1.92 -0.90	54.21 -2.08 -0.08	49.59 -2.01 0.00	48.76 -1.98 0.00	44.62 -1.91 0.00	46.63 -1.94 0.00	44.76 -1.92 0.00	46.91 -2.01 0.00	53.47 -2.34 0.00	58.01 -2.10 -0.18	54.15 -2.14 -0.06	52.54 -2.30 0.00	45.28 -1.94 0.00	42.96 -1.88 0.00	39.45 -1.86 0.00	38.24 -1.72 0.00
SITHE___BATAVIA 24024	39.70 -3.86 -0.64	39.17 -4.16 -0.45	38.95 -4.15 -0.27	39.42 -3.78 -0.23	40.26 -3.28 -0.44	39.65 -3.05 -1.51	56.96 -3.96 -2.76	55.65 -4.16 -3.60	53.20 -4.06 -0.86	51.42 -4.95 -0.16	47.22 -4.39 0.00	46.68 -4.06 0.00	42.21 -4.33 0.00	44.35 -4.23 0.00	42.29 -4.39 0.00	44.32 -4.60 0.00	49.13 -5.58 1.10	55.62 -4.50 -0.18	51.07 -5.17 -0.01	47.47 -5.76 1.62	42.77 -4.44 0.01	40.43 -4.39 0.02	37.38 -3.93 0.00	36.84 -3.12 0.00
SITHE___INDEPEND 23800	41.71 -1.89 -0.67	41.42 -1.93 -0.47	41.18 -1.93 -0.27	41.31 -1.89 -0.23	41.54 -1.77 -0.21	40.28 -1.61 -0.69	57.33 -2.09 -1.27	55.90 -1.97 -1.66	55.39 -1.92 -0.90	54.27 -2.02 -0.08	49.59 -2.01 0.00	48.71 -2.03 0.00	44.62 -1.91 0.00	46.63 -1.94 0.00	44.76 -1.91 0.00	46.91 -2.01 0.00	53.46 -2.34 0.00	58.01 -2.10 -0.18	54.15 -2.14 -0.06	52.59 -2.25 0.00	45.28 -1.94 0.00	42.95 -1.88 0.00	39.45 -1.86 0.00	38.24 -1.72 0.00
SITHE___MASSENA 23902	42.79 -0.13 0.00	42.88 0.00 0.00	42.88 0.04 0.00	43.01 0.04 0.00	42.92 -0.17 0.00	40.95 -0.25 0.00	57.39 -0.76 0.00	55.54 -0.67 0.00	55.61 -0.79 0.00	55.65 -0.56 0.00	51.61 0.00 0.00	50.95 0.20 0.00	46.81 0.28 0.00	48.96 0.39 0.00	47.01 0.33 0.00	49.21 0.30 0.00	55.86 0.06 0.00	58.19 -1.74 0.00	55.72 -0.51 0.00	54.62 -0.22 0.00	47.12 -0.09 0.00	44.70 -0.13 0.00	41.72 0.41 0.00	40.52 0.56 0.00
SITHE___OGDNSBRG 24021	43.18 0.26 0.00	43.26 0.39 0.00	43.31 0.47 0.00	43.48 0.52 0.00	43.40 0.30 0.00	41.32 0.12 0.00	57.86 -0.29 0.00	56.16 -0.06 0.00	56.17 -0.23 0.00	56.10 -0.11 0.00	52.17 0.57 0.00	51.71 0.96 0.00	47.51 0.98 0.00	49.79 1.21 0.00	47.80 1.12 0.00	49.94 1.03 0.00	56.65 0.84 0.00	58.49 -1.44 0.00	56.11 -0.11 0.00	54.95 0.11 0.00	47.50 0.28 0.00	44.93 0.09 0.00	42.09 0.78 0.00	40.91 0.96 0.00

SITHE___STERLING 23777	44.57 0.99 -0.66	44.37 1.03 -0.46	44.09 0.99 -0.26	44.27 1.07 -0.23	44.56 1.25 -0.21	43.23 1.36 -0.68	61.73 2.33 -1.25	60.20 2.36 -1.63	59.71 2.42 -0.89	58.48 2.19 -0.08	53.57 1.96 0.00	52.62 1.88 0.00	48.16 1.63 0.00	50.37 1.80 0.00	48.36 1.68 0.00	50.63 1.71 0.00	57.81 2.01 0.00	62.56 2.46 -0.17	58.42 2.14 -0.06	56.65 1.81 0.00	48.73 1.51 0.00	46.09 1.25 0.00	42.21 0.91 0.00	40.88 0.92 0.00
SLEIGHT__34_KV_TB1 80719	41.56 -2.27 -0.91	41.12 -2.40 -0.64	40.76 -2.44 -0.37	40.92 -2.36 -0.32	41.68 -1.81 -0.39	40.89 -1.61 -1.30	58.80 -1.74 -2.39	57.81 -1.52 -3.11	56.10 -1.52 -1.23	54.62 -1.74 -0.16	49.59 -2.01 0.00	48.87 -1.88 0.00	44.48 -2.05 0.00	46.58 -1.99 0.00	44.62 -2.05 0.00	46.62 -2.30 0.00	52.02 -2.79 1.00	58.38 -1.80 -0.25	53.92 -2.36 -0.05	50.67 -2.69 1.48	45.09 -2.12 0.00	42.54 -2.29 0.01	39.08 -2.23 0.00	38.08 -1.88 0.00
SOUTH CAIRO___GT 23612	58.56 3.00 -12.64	54.65 2.92 -8.86	50.72 2.83 -5.06	50.24 2.88 -4.40	49.99 2.89 -4.00	57.11 2.88 -13.04	86.08 4.01 -23.92	90.46 3.09 -31.16	76.95 3.56 -16.99	61.12 3.37 -1.54	54.13 2.53 0.00	53.13 2.39 0.00	48.72 2.19 0.00	50.76 2.19 0.00	48.87 2.19 0.00	51.26 2.35 0.00	58.71 2.90 0.00	66.44 3.17 -3.34	60.42 3.03 -1.15	57.69 2.85 0.00	49.77 2.55 0.00	47.17 2.33 0.00	43.12 1.82 0.00	42.03 2.08 0.00
SOUTH HAMPTN___IC 23720	79.79 5.23 -31.63	56.89 5.57 -8.44	52.56 5.40 -4.32	52.42 5.54 -3.91	63.29 5.64 -14.55	71.21 5.23 -24.79	114.64 6.23 -50.26	144.64 6.52 -81.91	137.36 6.54 -74.42	121.43 6.57 -58.65	67.32 7.28 -8.44	64.27 6.85 -6.68	63.72 6.28 -10.91	63.43 6.36 -8.49	62.73 6.21 -9.84	63.74 6.60 -8.22	73.71 8.09 -9.81	93.35 8.75 -24.67	83.71 7.81 -19.67	74.34 7.57 -11.93	64.69 6.00 -11.47	61.86 6.14 -10.88	55.95 4.95 -9.69	53.72 4.23 -9.53
SOUTHDOW_115KV_TB1 355954	39.54 -3.95 -0.57	39.17 -4.12 -0.41	38.88 -4.20 -0.24	39.18 -4.00 -0.21	39.68 -3.96 -0.54	39.67 -3.42 -1.89	57.67 -3.95 -3.47	56.74 -3.99 -4.52	53.21 -3.95 -0.76	52.13 -4.27 -0.19	49.13 -2.48 0.00	48.56 -2.18 0.00	43.93 -2.61 0.00	46.14 -2.43 0.00	43.83 -2.85 0.00	45.49 -3.42 0.00	51.38 -3.35 1.08	56.08 -4.02 -0.17	52.74 -3.49 0.00	49.31 -3.95 1.59	43.48 -3.73 0.01	41.23 -3.59 0.02	37.84 -3.47 0.00	37.20 -2.76 0.00
SOUTHOLD_69_KV_BK 2 55809	80.30 5.75 -31.63	57.41 6.09 -8.44	53.03 5.87 -4.32	52.89 6.01 -3.91	63.81 6.16 -14.55	71.71 5.73 -24.79	115.51 7.09 -50.26	145.60 7.48 -81.91	138.26 7.44 -74.42	122.28 7.42 -58.65	68.35 8.31 -8.44	65.09 7.66 -6.68	64.42 6.98 -10.91	64.16 7.09 -8.49	63.43 6.91 -9.84	64.52 7.39 -8.22	74.60 7.39 -9.81	94.37 9.77 -24.67	84.78 8.88 -19.67	75.38 8.61 -11.93	65.40 6.70 -11.47	62.57 6.86 -10.88	56.45 5.45 -9.69	54.20 4.71 -9.53
SOUTHOLD___IC 23719	80.31 5.75 -31.63	57.37 6.05 -8.44	53.03 5.87 -4.32	52.89 6.01 -3.91	63.81 6.16 -14.55	71.70 5.72 -24.79	115.51 7.09 -50.26	145.60 7.48 -81.91	138.26 7.44 -74.42	122.34 7.48 -58.65	68.15 8.10 -8.44	65.09 7.66 -6.68	64.41 6.98 -10.91	64.16 7.09 -8.49	63.43 6.91 -9.84	64.47 7.34 -8.22	74.61 8.99 -9.81	94.38 9.77 -24.67	84.67 8.77 -19.67	75.21 8.44 -11.93	65.39 6.70 -11.47	62.48 6.77 -10.88	56.45 5.45 -9.69	54.20 4.71 -9.53
SOUTH_FORK_WT_PWR 323839	80.31 5.75 -31.63	57.37 6.05 -8.44	53.07 5.91 -4.32	52.94 6.06 -3.91	63.85 6.21 -14.55	71.70 5.72 -24.79	115.51 7.09 -50.26	145.54 7.42 -81.91	138.21 7.39 -74.42	122.28 7.42 -58.65	68.15 8.10 -8.44	65.09 7.66 -6.68	64.46 7.03 -10.91	64.16 7.09 -8.49	63.43 6.91 -9.84	64.43 7.29 -8.22	74.61 8.99 -9.81	94.38 9.77 -24.67	84.67 8.77 -19.67	75.21 8.44 -11.93	65.39 6.70 -11.47	62.48 6.77 -10.88	56.45 5.45 -9.69	54.20 4.71 -9.53
SPIERFLS_115KV_TB 1 80737	59.31 2.62 -13.77	55.15 2.62 -9.66	50.83 2.48 -5.51	50.33 2.58 -4.79	49.96 2.50 -4.36	58.04 2.64 -14.21	88.23 4.01 -26.07	94.21 4.05 -33.95	79.19 4.29 -18.50	62.10 4.22 -1.67	54.96 3.35 0.00	53.94 3.20 0.00	49.46 2.93 0.00	51.68 3.11 0.00	49.48 2.80 0.00	51.95 3.03 0.00	59.49 3.68 0.00	67.88 4.32 -3.63	61.59 4.10 -1.26	58.51 3.67 0.00	50.33 3.12 0.00	47.57 2.74 0.00	43.37 2.07 0.00	41.79 1.84 0.00
ST LAWRENCE____ 23600	42.49 -0.43 0.00	42.53 -0.34 0.00	42.54 -0.30 0.00	42.62 -0.35 0.00	42.53 -0.56 0.00	40.58 -0.62 0.00	56.99 -1.16 0.00	55.09 -1.12 0.00	55.10 -1.29 0.00	55.20 -1.01 0.00	51.09 -0.52 0.00	50.39 -0.35 0.00	46.25 -0.28 0.00	48.33 -0.24 0.00	46.44 -0.23 0.00	48.62 -0.29 0.00	55.25 -0.56 0.00	58.25 -1.68 0.00	55.22 -1.01 0.00	54.18 -0.66 0.00	46.75 -0.47 0.00	44.35 -0.49 0.00	41.35 0.04 0.00	40.08 0.12 0.00
STATE_CA_115KV_115_LB 55624	58.48 2.10 -13.46	54.41 2.10 -9.44	50.28 2.06 -5.39	49.75 2.11 -4.68	49.52 2.15 -4.26	57.18 2.10 -13.88	86.53 2.91 -25.47	91.86 2.47 -33.18	77.24 2.76 -18.08	60.60 2.75 -1.64	53.46 1.86 0.00	52.57 1.83 0.00	48.30 1.77 0.00	50.32 1.75 0.00	48.36 1.68 0.00	50.58 1.66 0.00	57.71 1.90 0.00	65.82 2.34 -3.55	59.65 2.19 -1.23	56.81 1.97 0.00	48.92 1.70 0.00	46.50 1.66 0.00	42.50 1.20 0.00	41.23 1.28 0.00
STATE_ST_34_KV_LOAD 55959	43.84 -0.77 -1.69	43.25 -0.81 -1.18	42.61 -0.90 -0.67	42.73 -0.82 -0.58	42.98 -0.56 -0.45	42.24 -0.37 -1.42	60.76 0.00 -2.60	59.83 0.22 -3.39	59.00 0.34 -2.27	56.60 0.22 -0.17	51.66 0.05 0.00	50.69 -0.05 0.00	46.35 -0.19 0.00	48.48 -0.10 0.00	46.49 -0.19 0.00	48.62 -0.29 0.00	56.29 -0.39 -0.87	60.61 0.24 -0.44	56.43 0.00 -0.20	55.79 -0.33 -1.28	46.94 -0.28 0.00	44.35 -0.49 -0.01	40.60 -0.70 0.00	39.36 -0.60 0.00
STATION 5_MISC_HYD 23604	40.71 -2.88 -0.66	40.22 -3.13 -0.47	39.98 -3.13 -0.27	40.50 -2.71 -0.24	41.24 -2.24 -0.39	40.41 -2.10 -1.32	57.84 -2.73 -2.42	56.67 -2.70 -3.15	54.58 -2.71 -0.89	52.83 -3.54 -0.16	48.30 -3.30 0.00	47.65 -3.10 0.00	43.27 -3.26 0.00	45.37 -3.21 0.00	43.41 -3.27 0.00	45.49 -3.43 0.00	50.40 -4.30 1.12	57.18 -2.94 -0.18	52.71 -3.54 -0.02	49.03 -4.17 1.65	44.00 -3.21 0.00	41.60 -3.23 0.01	38.33 -2.97 0.00	37.52 -2.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.71 -1.89 -0.68	41.30 -2.06 -0.48	41.06 -2.06 -0.28	41.23 -1.98 -0.24	42.07 -1.42 -0.39	41.29 -1.24 -1.34	59.79 -0.81 -2.45	58.79 -0.62 -3.19	56.72 -0.56 -0.88	55.52 -0.84 -0.16	50.52 -1.08 0.00	49.73 -1.01 0.00	45.32 -1.21 0.00	47.46 -1.12 0.00	45.46 -1.21 0.00	47.50 -1.42 0.00	51.57 -2.29 1.95	58.91 -1.20 -0.18	54.36 -1.86 0.01	49.77 -2.19 2.87	45.47 -1.75 0.00	42.94 -1.88 0.01	39.41 -1.90 0.00	38.48 -1.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.67 -2.92 -0.67	40.18 -3.17 -0.47	39.94 -3.17 -0.27	40.11 -3.09 -0.24	41.11 -2.37 -0.39	40.28 -2.22 -1.31	57.77 -2.79 -2.41	56.65 -2.70 -3.13	54.59 -2.71 -0.90	53.39 -2.98 -0.16	48.30 -3.30 0.00	47.65 -3.10 0.00	43.32 -3.21 0.00	45.42 -3.16 0.00	43.46 -3.22 0.00	45.35 -3.57 0.00	50.32 -4.24 1.25	57.12 -3.00 -0.19	52.47 -3.77 -0.01	48.94 -4.06 1.84	44.05 -3.16 0.00	41.55 -3.27 0.01	38.29 -3.02 0.00	37.48 -2.48 0.00

STA_56___34_KV_BUS2 355983	40.67 -2.92 -0.67	40.18 -3.17 -0.47	39.94 -3.17 -0.27	40.11 -3.09 -0.24	41.11 -2.37 -0.39	40.28 -2.22 -1.31	57.77 -2.79 -2.41	56.65 -2.70 -3.13	54.59 -2.71 -0.90	53.39 -2.98 -0.16	48.30 -3.30 0.00	47.65 -3.10 0.00	43.32 -3.21 0.00	45.42 -3.16 0.00	43.46 -3.22 0.00	45.35 -3.57 0.00	50.32 -4.24 1.25	57.12 -3.00 -0.19	52.47 -3.77 -0.01	48.94 -4.06 1.84	44.05 -3.16 0.00	41.55 -3.27 0.01	38.29 -3.02 0.00	37.48 -2.48 0.00
STA_67___115KV_BK2 355882	40.62 -2.96 -0.66	40.13 -3.22 -0.47	39.90 -3.21 -0.27	40.07 -3.14 -0.24	41.07 -2.41 -0.39	40.25 -2.27 -1.32	57.72 -2.85 -2.42	56.50 -2.87 -3.15	54.41 -2.88 -0.89	53.22 -3.15 -0.16	48.15 -3.46 0.00	47.50 -3.25 0.00	43.18 -3.35 0.00	45.27 -3.30 0.00	43.27 -3.41 0.00	45.15 -3.77 0.00	50.28 -4.41 1.11	57.00 -3.12 -0.18	52.31 -3.94 -0.02	48.98 -4.22 1.64	43.91 -3.31 0.00	41.46 -3.36 0.01	38.25 -3.06 0.00	37.48 -2.48 0.00
STA_7___115KV_9TRANS 80674	40.84 -2.75 -0.66	40.35 -3.00 -0.47	40.11 -3.00 -0.27	40.28 -2.92 -0.24	41.33 -2.15 -0.39	40.50 -2.02 -1.32	58.13 -2.44 -2.42	56.95 -2.42 -3.15	54.87 -2.43 -0.89	53.61 -2.75 -0.16	48.51 -3.10 0.00	47.90 -2.84 0.00	43.51 -3.02 0.00	45.61 -2.96 0.00	43.64 -3.03 0.00	45.54 -3.38 0.00	50.73 -3.96 1.12	57.48 -2.64 -0.18	52.76 -3.49 -0.02	49.41 -3.78 1.65	44.28 -2.93 0.00	41.78 -3.05 0.01	38.50 -2.81 0.00	37.72 -2.24 0.00
STA_82___115KV_TB1 80780	40.62 -2.96 -0.66	40.17 -3.17 -0.47	39.94 -3.17 -0.27	40.11 -3.09 -0.24	41.12 -2.37 -0.39	40.30 -2.22 -1.33	57.74 -2.85 -2.43	56.57 -2.81 -3.17	54.47 -2.82 -0.89	53.22 -3.15 -0.16	48.15 -3.46 0.00	47.55 -3.20 0.00	43.18 -3.35 0.00	45.27 -3.30 0.00	43.32 -3.36 0.00	45.20 -3.72 0.00	50.27 -4.41 1.13	57.00 -3.12 -0.18	52.37 -3.88 -0.02	49.01 -4.17 1.66	43.95 -3.26 0.01	41.46 -3.36 0.01	38.25 -3.06 0.00	37.48 -2.48 0.00
STEEL___WIND 323596	38.81 -4.72 -0.61	38.38 -4.93 -0.43	38.21 -4.88 -0.26	38.33 -4.86 -0.22	39.12 -4.48 -0.51	38.75 -4.20 -1.75	55.79 -5.58 -3.22	54.61 -5.79 -4.19	51.52 -5.69 -0.81	50.43 -5.96 -0.18	46.70 -4.90 0.00	46.18 -4.57 0.00	41.74 -4.79 0.00	43.86 -4.71 0.00	41.78 -4.90 0.00	43.68 -5.23 0.00	48.77 -5.97 1.07	53.99 -6.11 -0.18	49.60 -6.64 -0.01	46.52 -6.75 1.58	42.06 -5.15 0.01	39.62 -5.20 0.02	36.84 -4.46 0.00	36.28 -3.68 0.00
STEPHTWN_115KV_BK_2 55603	58.82 2.58 -13.32	54.75 2.53 -9.34	50.65 2.48 -5.33	50.13 2.53 -4.63	49.86 2.54 -4.22	57.45 2.51 -13.74	86.85 3.49 -25.21	92.20 3.15 -32.84	77.74 3.44 -17.90	61.26 3.43 -1.62	54.08 2.48 0.00	53.13 2.38 0.00	48.81 2.28 0.00	50.86 2.28 0.00	48.82 2.15 0.00	51.07 2.15 0.00	58.32 2.51 0.00	66.44 3.00 -3.51	60.31 2.87 -1.22	57.42 2.58 0.00	49.48 2.27 0.00	46.99 2.15 0.00	42.92 1.61 0.00	41.63 1.68 0.00
STEBUBEN_REC_LFGE 323667	39.34 -2.40 1.17	39.72 -2.36 0.80	40.01 -2.40 0.43	40.36 -2.23 0.36	41.80 -1.94 -0.64	42.05 -1.57 -2.42	61.32 -1.28 -4.45	60.94 -1.07 -5.80	53.84 -0.96 1.60	55.13 -1.35 -0.27	50.94 -0.67 0.00	50.13 -0.61 0.00	45.46 -1.07 0.00	47.75 -0.83 0.00	45.60 -1.07 0.00	47.55 -1.37 0.00	52.84 -1.28 1.69	58.77 -0.90 0.26	55.05 -0.96 0.23	50.95 -1.43 2.46	45.87 -1.32 0.03	43.20 -1.57 0.07	39.61 -1.69 0.00	38.72 -1.24 0.00
STILLWATER___SOLAR 323814	59.20 2.58 -13.71	55.02 2.53 -9.61	50.81 2.48 -5.49	50.31 2.58 -4.77	49.98 2.54 -4.34	57.89 2.55 -14.14	87.82 3.72 -25.94	93.66 3.65 -33.79	78.65 3.84 -18.42	61.64 3.77 -1.67	54.49 2.89 0.00	53.48 2.74 0.00	49.14 2.60 0.00	51.29 2.72 0.00	49.20 2.52 0.00	51.65 2.74 0.00	59.21 3.40 0.00	67.50 3.95 -3.61	61.19 3.71 -1.25	58.19 3.35 0.00	50.05 2.83 0.00	47.44 2.60 0.00	43.29 1.98 0.00	41.79 1.84 0.00
STONY___BROOK 24151	78.97 4.42 -31.63	55.82 4.50 -8.44	51.53 4.37 -4.32	51.34 4.47 -3.91	62.26 4.61 -14.55	70.34 4.36 -24.79	114.46 6.05 -50.26	144.47 6.35 -81.91	137.19 6.37 -74.42	121.15 6.29 -58.65	65.98 5.93 -8.44	63.16 5.73 -6.68	62.79 5.35 -10.91	62.60 5.54 -8.49	61.93 5.41 -9.84	62.86 5.72 -8.22	72.26 6.64 -9.81	91.79 7.19 -24.67	82.31 6.41 -19.67	73.08 6.30 -11.93	63.98 5.29 -11.47	61.18 5.47 -10.88	55.37 4.38 -9.69	53.12 3.64 -9.53
STURGEON_POOL_HYD 23609	56.14 2.06 -11.16	52.72 2.02 -7.83	49.28 1.97 -4.47	48.82 1.98 -3.88	48.75 2.11 -3.54	54.73 2.02 -11.52	82.49 3.20 -21.14	87.06 3.32 -27.53	74.99 3.55 -15.04	60.94 3.37 -1.36	54.70 3.10 0.00	53.59 2.84 0.00	49.14 2.61 0.00	51.15 2.57 0.00	49.29 2.61 0.00	51.95 3.03 0.00	59.60 3.79 0.00	67.26 4.37 -2.95	61.13 3.88 -1.02	58.57 3.73 0.00	50.05 2.83 0.00	47.84 3.00 0.00	43.54 2.23 0.00	41.63 1.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	55.28 2.23 -10.13	52.17 2.19 -7.10	49.03 2.14 -4.06	48.64 2.15 -3.52	48.59 2.28 -3.21	53.83 2.18 -10.45	80.65 3.31 -19.18	84.57 3.37 -24.99	73.55 3.55 -13.60	60.81 3.37 -1.23	54.50 2.89 0.00	53.43 2.69 0.00	49.10 2.56 -0.01	51.10 2.53 0.00	49.20 2.52 0.00	51.70 2.79 0.00	59.40 3.52 -0.08	66.92 4.26 -2.73	60.98 3.82 -0.93	58.32 3.45 -0.02	49.86 2.64 0.00	47.62 2.78 0.00	43.41 2.11 0.00	41.55 1.60 0.00
SWANROAD_115KV_TB1 355699	37.71 -5.84 -0.63	37.24 -6.09 -0.45	37.02 -6.08 -0.26	37.14 -6.06 -0.23	38.09 -5.47 -0.47	37.54 -5.27 -1.62	53.91 -7.21 -2.97	52.60 -7.48 -3.87	49.85 -7.39 -0.84	48.61 -7.76 -0.16	44.28 -7.33 0.00	43.89 -6.85 0.00	39.60 -6.93 0.00	41.68 -6.90 0.00	39.68 -7.00 0.00	41.24 -7.68 0.00	45.80 -8.93 1.08	51.96 -8.15 -0.18	47.69 -8.55 -0.01	44.54 -8.72 1.58	40.17 -7.04 0.01	38.00 -6.82 0.02	35.28 -6.03 0.00	35.00 -4.95 0.00
SYNERGY___BIOGAS 323694	39.70 -3.86 -0.64	39.17 -4.16 -0.45	38.95 -4.15 -0.27	39.42 -3.78 -0.23	40.26 -3.28 -0.44	39.65 -3.05 -1.51	56.96 -3.96 -2.76	55.65 -4.16 -3.60	53.20 -4.06 -0.86	51.42 -4.95 -0.16	47.22 -4.39 0.00	46.68 -4.06 0.00	42.21 -4.33 0.00	44.35 -4.23 0.00	42.29 -4.39 0.00	44.32 -4.60 0.00	49.13 -5.58 1.10	55.62 -4.50 -0.18	51.07 -5.17 -0.01	47.47 -5.76 1.62	42.77 -4.44 0.01	40.43 -4.39 0.02	37.38 -3.93 0.00	36.84 -3.12 0.00
SYRACUSE___ENERGY_ST1 323597	43.17 -0.86 -1.10	42.79 -0.86 -0.77	42.33 -0.94 -0.44	42.49 -0.86 -0.38	42.80 -0.65 -0.35	41.80 -0.54 -1.14	59.77 -0.47 -2.09	58.59 -0.34 -2.72	57.65 -0.23 -1.48	56.01 -0.34 -0.13	51.09 -0.52 0.00	50.19 -0.56 0.00	45.97 -0.56 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.29 -0.73 -0.21	59.98 -0.24 -0.29	55.95 -0.39 -0.11	54.49 -0.66 -0.30	46.65 -0.57 0.00	44.17 -0.67 0.00	40.48 -0.83 0.00	39.24 -0.72 0.00
SYRACUSE___ENERGY_ST2 323598	43.17 -0.86 -1.10	42.79 -0.86 -0.77	42.33 -0.94 -0.44	42.49 -0.86 -0.38	42.80 -0.65 -0.35	41.80 -0.54 -1.14	59.77 -0.47 -2.09	58.59 -0.34 -2.72	57.65 -0.23 -1.48	56.01 -0.34 -0.13	51.09 -0.52 0.00	50.19 -0.56 0.00	45.97 -0.56 0.00	47.99 -0.58 0.00	46.07 -0.61 0.00	48.28 -0.64 0.00	55.29 -0.73 -0.21	59.98 -0.24 -0.29	55.95 -0.39 -0.11	54.49 -0.66 -0.30	46.65 -0.57 0.00	44.17 -0.67 0.00	40.48 -0.83 0.00	39.24 -0.72 0.00

SYRACUSE___POWER 24017	43.40 -0.90 -1.38	42.90 -0.94 -0.97	42.40 -0.99 -0.55	42.50 -0.95 -0.48	42.74 -0.73 -0.37	41.77 -0.62 -1.19	59.82 -0.52 -2.19	58.67 -0.39 -2.85	57.92 -0.34 -1.86	55.90 -0.45 -0.14	51.04 -0.57 0.00	50.13 -0.61 0.00	45.88 -0.65 0.00	47.94 -0.63 0.00	46.02 -0.65 0.00	48.23 -0.68 0.00	55.29 -0.78 -0.26	59.99 -0.30 -0.36	55.92 -0.45 -0.14	54.51 -0.71 -0.38	46.61 -0.61 0.00	44.12 -0.72 0.00	40.44 -0.87 0.00	39.16 -0.80 0.00
TALLMAN___138KV_BK151 55660	55.71 2.40 -10.38	52.52 2.36 -7.28	49.31 2.31 -4.16	48.90 2.32 -3.61	48.84 2.46 -3.29	54.26 2.35 -10.71	81.41 3.61 -19.66	85.91 3.82 -25.88	74.83 3.95 -14.48	62.23 3.82 -2.19	54.96 3.35 0.00	53.89 3.15 0.00	49.56 2.98 -0.05	51.54 2.96 0.00	49.57 2.89 0.00	52.14 3.23 0.00	60.16 4.02 -0.33	67.80 4.85 -3.01	61.51 4.33 -0.95	58.94 4.00 -0.09	50.29 3.07 0.00	47.98 3.14 0.00	43.70 2.40 0.00	41.75 1.80 0.00
TEALLAVE_115KV_TB7 355573	42.73 -1.16 -0.96	42.35 -1.20 -0.68	41.98 -1.24 -0.39	42.10 -1.20 -0.34	42.41 -0.99 -0.31	41.33 -0.87 -1.00	59.05 -0.93 -1.83	57.86 -0.73 -2.38	57.02 -0.68 -1.30	55.54 -0.79 -0.12	50.68 -0.93 0.00	49.83 -0.91 0.00	45.60 -0.93 0.00	47.60 -0.97 0.00	45.74 -0.93 0.00	47.89 -1.03 0.00	54.64 -1.17 0.00	59.47 -0.72 -0.25	55.42 -0.90 -0.09	53.74 -1.10 0.00	46.27 -0.94 0.00	43.81 -1.03 0.00	40.19 -1.12 0.00	38.92 -1.04 0.00
TELGRAPH_34_KV_EAST 80808	38.83 -4.72 -0.63	38.35 -4.97 -0.45	38.13 -4.97 -0.26	38.25 -4.94 -0.23	39.28 -4.27 -0.45	38.67 -4.08 -1.55	55.64 -5.35 -2.84	54.29 -5.62 -3.70	51.72 -5.53 -0.85	50.41 -5.96 -0.16	45.93 -5.68 0.00	45.47 -5.28 0.00	41.09 -5.44 0.00	43.23 -5.34 0.00	41.17 -5.51 0.00	42.85 -6.07 0.00	47.69 -7.03 1.09	54.00 -6.11 -0.18	49.60 -6.63 -0.01	46.38 -6.86 1.60	41.64 -5.57 0.01	39.44 -5.38 0.02	36.47 -4.83 0.00	36.12 -3.84 0.00
TEMPLE___115KV_TB 2 55572	42.74 -1.16 -0.98	42.36 -1.20 -0.69	41.99 -1.24 -0.39	42.14 -1.16 -0.34	42.42 -0.99 -0.31	41.34 -0.87 -1.01	59.13 -0.87 -1.85	57.89 -0.73 -2.41	57.09 -0.62 -1.31	55.60 -0.73 -0.12	50.73 -0.88 0.00	49.83 -0.91 0.00	45.65 -0.88 0.00	47.65 -0.92 0.00	45.74 -0.93 0.00	47.94 -0.98 0.00	54.69 -1.12 0.00	59.53 -0.66 -0.26	55.48 -0.84 -0.09	53.74 -1.10 0.00	46.27 -0.94 0.00	43.85 -0.99 0.00	40.19 -1.12 0.00	38.96 -1.00 0.00
TIANA____69_KV_BK 1 55817	79.66 5.11 -31.63	56.76 5.45 -8.44	52.43 5.27 -4.32	52.29 5.41 -3.91	63.16 5.52 -14.55	71.05 5.07 -24.79	114.46 6.05 -50.26	144.47 6.35 -81.91	137.19 6.37 -74.42	121.27 6.41 -58.65	67.37 7.33 -8.44	64.12 6.70 -6.68	63.53 6.10 -10.91	63.24 6.17 -8.49	62.59 6.07 -9.84	63.64 6.51 -8.22	73.54 7.92 -9.81	93.11 8.51 -24.67	83.60 7.70 -19.67	74.29 7.51 -11.93	64.55 5.85 -11.47	61.77 6.05 -10.88	55.83 4.83 -9.69	53.56 4.08 -9.53
TILDEN___115KV_TB1 80814	43.40 -0.90 -1.38	42.90 -0.94 -0.97	42.40 -0.99 -0.55	42.50 -0.95 -0.48	42.74 -0.73 -0.37	41.77 -0.62 -1.19	59.82 -0.52 -2.19	58.67 -0.39 -2.85	57.92 -0.34 -1.86	55.90 -0.45 -0.14	51.04 -0.57 0.00	50.13 -0.61 0.00	45.88 -0.65 0.00	47.94 -0.63 0.00	46.02 -0.65 0.00	48.23 -0.68 0.00	55.29 -0.78 -0.26	59.99 -0.30 -0.36	55.92 -0.45 -0.14	54.51 -0.71 -0.38	46.61 -0.61 0.00	44.12 -0.72 0.00	40.44 -0.87 0.00	39.16 -0.80 0.00
TRIGEN___CC 323695	77.99 3.43 -31.63	54.66 3.34 -8.44	50.41 3.26 -4.32	50.18 3.31 -3.91	61.09 3.45 -14.55	69.32 3.34 -24.79	113.53 5.12 -50.26	143.35 5.23 -81.91	136.23 5.41 -74.42	120.09 5.23 -58.65	64.59 4.54 -8.44	61.74 4.31 -6.68	61.53 4.09 -10.91	61.20 4.13 -8.49	60.53 4.01 -9.84	61.54 4.40 -8.22	70.97 5.36 -9.81	90.84 6.23 -24.67	81.58 5.68 -19.67	72.09 5.32 -11.93	62.80 4.11 -11.47	59.93 4.21 -10.88	54.34 3.35 -9.69	52.20 2.72 -9.53
TRINITY___115KV___4 BK 55933	58.24 1.97 -13.35	54.21 1.97 -9.36	50.15 1.97 -5.34	49.58 1.98 -4.64	49.35 2.03 -4.23	56.94 1.98 -13.77	86.09 2.67 -25.26	91.37 2.25 -32.91	76.82 2.48 -17.94	60.31 2.47 -1.62	53.21 1.60 0.00	52.27 1.52 0.00	48.07 1.54 0.00	50.08 1.51 0.00	48.17 1.49 0.00	50.38 1.47 0.00	57.48 1.67 0.00	65.55 2.10 -3.52	59.41 1.97 -1.22	56.60 1.75 0.00	48.78 1.56 0.00	46.36 1.52 0.00	42.38 1.07 0.00	41.11 1.16 0.00
UNION___PROCESSING_DRP 323587	40.62 -2.96 -0.67	40.18 -3.17 -0.47	39.94 -3.17 -0.27	40.11 -3.09 -0.24	41.12 -2.37 -0.39	40.30 -2.22 -1.33	57.80 -2.79 -2.44	56.57 -2.81 -3.17	54.47 -2.82 -0.89	53.28 -3.09 -0.16	48.15 -3.46 0.00	47.55 -3.20 0.00	43.18 -3.35 0.00	45.27 -3.30 0.00	43.32 -3.36 0.00	45.20 -3.72 0.00	50.32 -4.35 1.13	57.06 -3.06 -0.19	52.37 -3.88 -0.02	49.01 -4.17 1.67	43.95 -3.26 0.01	41.51 -3.32 0.01	38.25 -3.06 0.00	37.48 -2.48 0.00
UPPER HUDSON___HYD 24058	59.31 2.62 -13.77	55.15 2.62 -9.66	50.83 2.48 -5.51	50.38 2.62 -4.79	49.96 2.50 -4.36	58.04 2.64 -14.21	88.23 4.01 -26.07	94.21 4.05 -33.95	79.19 4.28 -18.50	62.10 4.22 -1.67	54.96 3.35 0.00	53.89 3.15 0.00	49.46 2.93 0.00	51.69 3.11 0.00	49.48 2.80 0.00	51.90 2.98 0.00	59.49 3.68 0.00	67.88 4.32 -3.63	61.53 4.05 -1.26	58.46 3.62 0.00	50.33 3.12 0.00	47.57 2.74 0.00	43.37 2.06 0.00	41.79 1.84 0.00
UPPER RAQUET___HYD 24056	42.32 -0.60 0.00	42.41 -0.47 0.00	42.49 -0.34 0.00	42.62 -0.35 0.00	42.62 -0.47 0.00	40.41 -0.78 0.00	56.41 -1.74 0.00	54.70 -1.52 0.00	54.76 -1.64 0.00	54.81 -1.40 0.00	50.83 -0.77 0.00	50.69 -0.05 0.00	46.77 0.23 0.00	48.96 0.39 0.00	47.01 0.33 0.00	49.16 0.25 0.00	55.59 -0.22 0.00	57.11 -2.82 0.00	54.94 -1.29 0.00	53.80 -1.04 0.00	46.41 -0.80 0.00	43.94 -0.90 0.00	41.31 0.00 0.00	40.27 0.32 0.00
VALLEY44_115KV_TB2 355964	38.92 -4.59 -0.59	38.84 -4.46 -0.42	38.38 -4.71 -0.25	38.46 -4.73 -0.22	38.31 -5.34 -0.56	38.18 -4.94 -1.93	55.30 -6.40 -3.54	54.36 -6.46 -4.62	50.82 -6.37 -0.79	49.55 -6.86 -0.20	47.63 -3.97 0.00	46.94 -3.81 0.00	42.48 -4.05 0.00	44.64 -3.93 0.00	42.52 -4.15 0.00	44.27 -4.65 0.00	50.66 -4.07 1.08	53.87 -6.23 -0.17	51.73 -4.50 0.00	48.77 -4.50 1.58	42.77 -4.44 0.01	40.91 -3.90 0.02	37.42 -3.88 0.00	36.64 -3.32 0.00
VALLEY___115KV_TB 1-4 80826	44.17 1.24 0.00	44.08 1.20 0.00	44.03 1.20 0.00	44.17 1.20 0.00	44.39 1.29 0.00	42.55 1.36 0.00	60.30 2.15 0.00	58.35 2.14 0.00	58.71 2.31 0.00	58.51 2.30 0.00	53.67 2.06 0.00	52.77 2.03 0.00	48.44 1.91 0.00	50.52 1.94 0.00	48.54 1.87 0.00	50.82 1.91 0.00	58.10 2.29 0.00	62.57 2.64 0.00	58.64 2.42 0.00	57.14 2.30 0.00	49.01 1.79 0.00	46.45 1.61 0.00	42.55 1.24 0.00	41.11 1.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.63 2.75 -4.96	49.06 2.70 -3.48	47.39 2.57 -1.98	47.31 2.62 -1.72	47.41 2.80 -1.51	48.91 2.80 -4.91	71.64 4.48 -9.01	72.50 4.55 -11.74	67.69 4.62 -6.67	61.17 4.38 -0.58	55.53 3.92 0.00	54.55 3.81 0.00	49.79 3.26 0.00	51.97 3.40 0.00	49.80 3.13 0.00	52.24 3.33 0.00	60.01 4.07 -0.13	65.97 4.73 -1.31	61.14 4.44 -0.47	59.15 4.11 -0.19	50.48 3.26 0.00	47.94 3.09 0.00	43.70 2.40 0.00	42.15 2.20 0.00

VISCHER___FERRY HYD 24020	58.58 2.15 -13.51	54.50 2.14 -9.47	50.39 2.14 -5.41	49.85 2.19 -4.70	49.62 2.24 -4.28	57.28 2.14 -13.94	86.75 3.02 -25.58	92.39 2.87 -33.32	77.60 3.04 -18.16	60.89 3.03 -1.64	53.72 2.12 0.00	52.72 1.98 0.00	48.44 1.91 0.00	50.52 1.94 0.00	48.59 1.91 0.00	51.02 2.10 0.00	58.43 2.62 0.00	66.61 3.11 -3.56	60.38 2.92 -1.23	57.53 2.69 0.00	49.44 2.22 0.00	46.95 2.11 0.00	42.84 1.53 0.00	41.39 1.44 0.00
V_A_10_SYNC_DSASP 323832	39.02 -4.55 -0.65	38.49 -4.85 -0.46	38.26 -4.84 -0.27	38.82 -4.38 -0.24	39.73 -3.79 -0.43	38.99 -3.67 -1.46	55.89 -4.94 -2.68	54.59 -5.11 -3.49	52.08 -5.19 -0.87	50.21 -6.18 -0.19	45.93 -5.68 0.00	45.36 -5.38 0.00	41.09 -5.44 0.00	43.13 -5.44 0.00	41.17 -5.51 0.00	43.14 -5.77 0.00	47.50 -7.25 1.05	54.30 -5.81 -0.18	49.78 -6.46 -0.02	46.17 -7.13 1.55	41.69 -5.52 0.01	39.35 -5.47 0.01	36.52 -4.79 0.00	36.00 -3.96 0.00
V_CMM_10_SYNC_DSASP 323787	42.62 -0.30 0.00	42.66 -0.21 0.00	42.71 -0.13 0.00	42.75 -0.21 0.00	42.71 -0.39 0.00	40.74 -0.45 0.00	57.22 -0.93 0.00	55.31 -0.90 0.00	55.33 -1.07 0.00	55.42 -0.79 0.00	51.30 -0.31 0.00	50.59 -0.15 0.00	46.44 -0.09 0.00	48.57 0.00 0.00	46.63 -0.05 0.00	48.82 -0.10 0.00	55.48 -0.33 0.00	58.49 -1.44 0.00	55.44 -0.79 0.00	54.40 -0.44 0.00	46.94 -0.28 0.00	44.53 -0.31 0.00	41.47 0.17 0.00	40.24 0.28 0.00
V_CMP_10_SYNC_DSASP 323788	41.85 -1.07 0.00	41.98 -0.90 0.00	42.28 -0.56 0.00	42.62 -0.35 0.00	42.84 -0.26 0.00	40.78 -0.41 0.00	57.68 -0.47 0.00	56.32 0.11 0.00	56.68 0.28 0.00	56.94 0.73 0.00	52.95 1.34 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.27 1.70 0.00	48.31 1.63 0.00	50.58 1.66 0.00	57.48 1.67 0.00	60.71 0.78 0.00	57.18 0.95 0.00	55.88 1.04 0.00	48.21 0.99 0.00	45.60 0.76 0.00	42.34 1.03 0.00	41.07 1.12 0.00
V_D_10_SYNC_DSASP 323841	42.79 -0.13 0.00	42.88 0.00 0.00	42.88 0.04 0.00	43.01 0.04 0.00	42.97 -0.13 0.00	40.95 -0.25 0.00	57.46 -0.70 0.00	55.54 -0.67 0.00	55.61 -0.79 0.00	55.70 -0.51 0.00	51.61 0.00 0.00	50.95 0.20 0.00	46.81 0.28 0.00	48.96 0.39 0.00	47.01 0.33 0.00	49.21 0.30 0.00	55.86 0.06 0.00	58.19 -1.74 0.00	55.72 -0.51 0.00	54.62 -0.22 0.00	47.12 -0.09 0.00	44.70 -0.13 0.00	41.72 0.41 0.00	40.52 0.56 0.00
V_E_10_SYNC_DSASP 323830	50.97 3.00 -5.05	49.41 3.00 -3.53	47.58 2.74 -2.00	47.62 2.92 -1.74	47.50 3.27 -1.13	48.21 3.50 -3.52	70.65 6.05 -6.45	70.86 6.24 -8.41	69.45 6.26 -6.79	62.41 5.79 -0.41	56.97 5.37 0.00	55.97 5.23 0.00	51.09 4.56 0.00	53.53 4.96 0.00	51.25 4.58 0.00	53.81 4.89 0.00	62.99 5.91 -1.27	68.31 7.07 -1.31	63.07 6.30 -0.54	62.36 5.65 -1.87	51.86 4.63 -0.01	48.73 3.86 -0.03	44.32 3.01 0.00	42.87 2.92 0.00
V_F_30_NSYNC___DSASP 323816	59.23 2.58 -13.74	55.08 2.57 -9.63	50.86 2.53 -5.50	50.32 2.58 -4.78	49.99 2.54 -4.35	57.92 2.55 -14.17	87.93 3.78 -26.00	93.79 3.71 -33.87	78.74 3.89 -18.46	61.70 3.82 -1.67	54.60 2.99 0.00	53.58 2.84 0.00	49.18 2.65 0.00	51.34 2.77 0.00	49.24 2.57 0.00	51.70 2.79 0.00	59.27 3.46 0.00	67.57 4.02 -3.62	61.25 3.77 -1.25	58.24 3.40 0.00	50.10 2.88 0.00	47.48 2.64 0.00	43.37 2.06 0.00	41.83 1.88 0.00
V_F_30_SYNC_DSASP 323786	58.47 2.10 -13.45	54.41 2.10 -9.43	50.28 2.06 -5.38	49.75 2.11 -4.68	49.47 2.11 -4.26	57.17 2.10 -13.87	86.45 2.85 -25.45	91.84 2.47 -33.16	77.18 2.71 -18.07	60.60 2.75 -1.63	53.46 1.86 0.00	52.52 1.78 0.00	48.30 1.77 0.00	50.32 1.75 0.00	48.36 1.68 0.00	50.58 1.66 0.00	57.71 1.90 0.00	65.81 2.34 -3.55	59.65 2.19 -1.23	56.76 1.92 0.00	48.92 1.70 0.00	46.50 1.66 0.00	42.50 1.20 0.00	41.23 1.28 0.00
V_XM_10_SYNC_DSASP 323789	41.85 -1.07 0.00	41.98 -0.90 0.00	42.28 -0.56 0.00	42.62 -0.35 0.00	42.84 -0.26 0.00	40.78 -0.41 0.00	57.68 -0.47 0.00	56.32 0.11 0.00	56.68 0.28 0.00	56.94 0.73 0.00	52.95 1.34 0.00	52.32 1.57 0.00	48.02 1.49 0.00	50.27 1.70 0.00	48.31 1.63 0.00	50.58 1.66 0.00	57.48 1.67 0.00	60.71 0.78 0.00	57.18 0.95 0.00	55.88 1.04 0.00	48.21 0.99 0.00	45.60 0.76 0.00	42.34 1.03 0.00	41.07 1.12 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	55.85 2.49 -10.44	52.68 2.49 -7.32	49.46 2.44 -4.18	49.04 2.45 -3.63	48.99 2.59 -3.31	54.44 2.47 -10.77	81.69 3.78 -19.76	86.17 3.93 -26.03	75.11 4.12 -14.60	62.41 3.93 -2.27	55.12 3.51 0.00	54.04 3.30 0.00	49.66 3.07 -0.06	51.64 3.06 0.00	49.71 3.03 0.00	52.29 3.38 0.00	60.35 4.19 -0.36	68.01 5.03 -3.05	61.68 4.50 -0.96	59.11 4.17 -0.10	50.38 3.16 0.00	48.11 3.27 0.00	43.83 2.52 0.00	41.87 1.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	56.73 3.00 -10.80	53.37 2.92 -7.57	50.03 2.87 -4.32	49.56 2.84 -3.76	49.49 2.97 -3.42	55.27 2.92 -11.15	83.20 4.59 -20.45	95.51 4.78 -34.52	91.80 4.96 -30.44	89.53 4.83 -28.49	55.73 4.13 0.00	54.60 3.86 0.00	51.34 3.77 -1.04	52.37 3.74 -0.06	50.42 3.69 -0.06	52.93 4.01 0.00	67.46 4.91 -6.74	74.05 5.69 -8.43	62.47 5.17 -1.07	61.50 4.83 -1.84	50.90 3.68 0.00	48.75 3.86 -0.06	44.28 2.97 0.00	42.23 2.28 0.00
W50THST__13_KV_LOAD 356117	56.94 3.22 -10.80	53.58 3.13 -7.57	50.20 3.04 -4.32	49.73 3.01 -3.76	49.71 3.19 -3.42	55.47 3.13 -11.15	83.49 4.88 -20.45	95.84 5.12 -34.52	92.14 5.30 -30.44	89.87 5.17 -28.49	56.04 4.44 0.00	54.90 4.16 0.00	51.62 4.05 -1.04	52.71 4.08 -0.06	50.75 4.01 -0.06	53.22 4.30 0.00	67.85 5.30 -6.74	74.41 6.05 -8.43	62.75 5.45 -1.07	61.78 5.10 -1.84	51.14 3.92 0.00	49.02 4.13 -0.06	44.49 3.18 0.00	42.39 2.44 0.00
WADING RIVER_IC_1 23522	79.19 4.64 -31.63	56.38 5.06 -8.44	52.08 4.92 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	70.63 4.65 -24.79	113.53 5.12 -50.26	143.57 5.45 -81.91	136.29 5.47 -74.42	120.48 5.62 -58.65	66.39 6.35 -8.44	63.41 5.98 -6.68	62.93 5.49 -10.91	62.60 5.54 -8.49	61.98 5.46 -9.84	62.95 5.82 -8.22	72.76 7.15 -9.81	92.22 7.61 -24.67	82.64 6.74 -19.67	73.35 6.58 -11.93	63.89 5.19 -11.47	61.18 5.47 -10.88	55.37 4.38 -9.69	53.12 3.64 -9.53
WADING RIVER_IC_2 23547	79.19 4.64 -31.63	56.38 5.06 -8.44	52.08 4.92 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	70.63 4.65 -24.79	113.53 5.12 -50.26	143.57 5.45 -81.91	136.29 5.47 -74.42	120.48 5.62 -58.65	66.39 6.35 -8.44	63.41 5.98 -6.68	62.93 5.49 -10.91	62.60 5.54 -8.49	61.98 5.46 -9.84	62.95 5.82 -8.22	72.76 7.15 -9.81	92.22 7.61 -24.67	82.64 6.74 -19.67	73.35 6.58 -11.93	63.89 5.19 -11.47	61.18 5.47 -10.88	55.37 4.38 -9.69	53.12 3.64 -9.53
WADING RIVER_IC_3 23601	79.19 4.64 -31.63	56.38 5.06 -8.44	52.08 4.92 -4.32	51.90 5.02 -3.91	62.73 5.08 -14.55	70.63 4.65 -24.79	113.53 5.12 -50.26	143.57 5.45 -81.91	136.29 5.47 -74.42	120.48 5.62 -58.65	66.39 6.35 -8.44	63.41 5.98 -6.68	62.93 5.49 -10.91	62.60 5.54 -8.49	61.98 5.46 -9.84	62.95 5.82 -8.22	72.76 7.15 -9.81	92.22 7.61 -24.67	82.64 6.74 -19.67	73.35 6.58 -11.93	63.89 5.19 -11.47	61.18 5.47 -10.88	55.37 4.38 -9.69	53.12 3.64 -9.53

WALDENNY_12_KV_BK2 80841	38.81 -4.72 -0.61	38.42 -4.89 -0.43	38.17 -4.93 -0.26	38.25 -4.94 -0.23	38.99 -4.61 -0.50	38.65 -4.28 -1.74	55.76 -5.58 -3.19	54.58 -5.79 -4.16	51.46 -5.75 -0.82	50.26 -6.13 -0.17	46.55 -5.06 0.00	46.08 -4.67 0.00	41.65 -4.89 0.00	43.76 -4.81 0.00	41.64 -5.04 0.00	43.34 -5.58 0.00	48.54 -6.19 1.07	53.99 -6.11 -0.18	50.22 -6.02 -0.01	47.07 -6.20 1.58	41.97 -5.24 0.01	39.80 -5.02 0.02	36.72 -4.59 0.00	36.28 -3.68 0.00
WALDEN___HYDRO 24148	55.97 2.49 -10.56	52.73 2.44 -7.41	49.46 2.40 -4.23	49.04 2.41 -3.68	48.94 2.50 -3.35	54.53 2.43 -10.91	81.88 3.72 -20.01	86.10 3.82 -26.06	74.45 3.72 -14.33	61.38 3.88 -1.30	54.91 3.30 0.00	53.84 3.10 0.00	49.37 2.84 0.00	51.39 2.82 0.00	49.48 2.80 0.00	52.14 3.23 0.00	59.77 3.96 0.00	67.54 4.79 -2.81	61.53 4.33 -0.97	58.79 3.95 0.00	50.29 3.07 0.00	47.98 3.14 0.00	43.70 2.40 0.00	41.83 1.88 0.00
WARRENSBURG___ 23737	59.31 2.62 -13.77	55.15 2.62 -9.66	50.83 2.48 -5.51	50.38 2.62 -4.79	49.96 2.50 -4.36	58.04 2.64 -14.21	88.23 4.01 -26.07	94.21 4.05 -33.95	79.19 4.28 -18.50	62.10 4.22 -1.67	54.96 3.35 0.00	53.89 3.15 0.00	49.46 2.93 0.00	51.69 3.11 0.00	49.48 2.80 0.00	51.90 2.98 0.00	59.49 3.68 0.00	67.88 4.32 -3.63	61.53 4.05 -1.26	58.46 3.62 0.00	50.33 3.12 0.00	47.57 2.74 0.00	43.37 2.06 0.00	41.79 1.84 0.00
WATERSIDE___6 8 9 23538	56.99 3.26 -10.81	53.63 3.17 -7.58	50.29 3.13 -4.33	49.77 3.05 -3.76	49.76 3.23 -3.43	55.52 3.17 -11.16	83.50 4.88 -20.46	100.50 5.00 -39.29	106.43 5.19 -44.84	106.15 5.00 -44.94	55.89 4.28 0.00	54.75 4.01 0.00	52.00 3.82 -1.65	52.45 3.79 -0.09	50.50 3.73 -0.09	53.03 4.11 0.00	71.59 5.08 -10.70	74.34 5.99 -8.42	51.10 5.51 10.64	61.73 5.10 -1.79	51.04 3.82 0.00	48.92 3.99 -0.09	44.49 3.18 0.00	42.35 2.40 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.04 1.12 0.00	43.95 1.07 0.00	43.91 1.07 0.00	44.04 1.07 0.00	44.26 1.16 0.00	42.39 1.19 0.00	60.01 1.86 0.00	58.01 1.80 0.00	58.26 1.86 0.00	58.06 1.85 0.00	53.21 1.60 0.00	52.27 1.52 0.00	47.93 1.40 0.00	50.03 1.46 0.00	48.08 1.40 0.00	50.38 1.47 0.00	57.59 1.79 0.00	62.03 2.10 0.00	58.14 1.91 0.00	56.65 1.81 0.00	48.63 1.42 0.00	46.14 1.30 0.00	42.30 0.99 0.00	40.87 0.92 0.00
WATSON___69_KV_BK 1 55734	79.19 4.64 -31.63	55.99 4.67 -8.44	51.70 4.54 -4.32	51.52 4.64 -3.91	62.43 4.78 -14.55	70.55 4.57 -24.79	114.93 6.51 -50.26	144.81 6.69 -81.91	137.64 6.82 -74.42	121.49 6.63 -58.65	66.50 6.45 -8.44	63.57 6.14 -6.68	63.11 5.68 -10.91	62.90 5.83 -8.49	62.21 5.69 -9.84	63.25 6.11 -8.22	72.99 7.37 -9.81	92.87 8.27 -24.67	83.43 7.53 -19.67	73.96 7.18 -11.93	64.40 5.71 -11.47	61.50 5.78 -10.88	55.58 4.59 -9.69	53.36 3.88 -9.53
WDELAWARE___HYD 323627	54.82 2.10 -9.79	51.76 2.02 -6.87	48.69 1.93 -3.92	48.31 1.94 -3.41	48.31 2.11 -3.10	53.36 2.06 -10.11	79.95 3.25 -18.54	83.62 3.26 -24.15	73.03 3.44 -13.19	60.66 3.26 -1.19	54.34 2.73 0.00	53.33 2.59 0.00	47.60 1.07 0.00	49.49 0.92 0.00	47.70 1.03 0.00	50.28 1.37 0.00	57.81 2.01 0.00	65.22 2.70 -2.59	59.37 2.25 -0.90	56.71 1.87 0.00	49.72 2.50 0.00	47.44 2.60 0.00	43.21 1.90 0.00	41.35 1.40 0.00
WEST BABYLON___IC 23714	78.93 4.38 -31.63	55.65 4.33 -8.44	51.36 4.20 -4.32	51.13 4.25 -3.91	62.09 4.44 -14.55	70.26 4.28 -24.79	114.69 6.28 -50.26	144.53 6.41 -81.91	137.36 6.54 -74.42	121.21 6.35 -58.65	65.93 5.88 -8.44	63.06 5.63 -6.68	62.70 5.26 -10.91	62.46 5.39 -8.49	61.79 5.27 -9.84	62.81 5.67 -8.22	72.43 6.81 -9.81	92.39 7.79 -24.67	82.98 7.08 -19.67	73.46 6.69 -11.93	64.03 5.34 -11.47	61.09 5.38 -10.88	55.29 4.30 -9.69	53.08 3.60 -9.53
WEST CANADA___HYD 24049	43.44 0.52 0.00	43.35 0.47 0.00	43.31 0.47 0.00	43.48 0.52 0.00	43.66 0.56 0.00	41.77 0.58 0.00	59.03 0.87 0.00	57.00 0.79 0.00	57.25 0.85 0.00	57.00 0.79 0.00	52.23 0.62 0.00	51.30 0.56 0.00	47.04 0.51 0.00	49.11 0.54 0.00	47.19 0.51 0.00	49.46 0.54 0.00	56.53 0.72 0.00	60.89 0.96 0.00	57.07 0.84 0.00	55.55 0.71 0.00	47.79 0.57 0.00	45.38 0.54 0.00	41.64 0.33 0.00	40.27 0.32 0.00
WESTERN_NY_WIND 24143	39.61 -3.95 -0.64	39.09 -4.24 -0.45	38.86 -4.24 -0.27	38.99 -4.21 -0.23	40.05 -3.49 -0.44	39.46 -3.25 -1.52	56.82 -4.13 -2.79	55.52 -4.33 -3.64	52.97 -4.29 -0.86	51.65 -4.72 -0.16	47.01 -4.59 0.00	46.53 -4.21 0.00	42.06 -4.47 0.00	44.20 -4.37 0.00	42.15 -4.53 0.00	43.88 -5.04 0.00	48.91 -5.80 1.10	55.44 -4.67 -0.18	50.95 -5.29 -0.01	47.64 -5.59 1.61	42.68 -4.53 0.01	40.38 -4.44 0.02	37.26 -4.05 0.00	36.84 -3.12 0.00
WESTOVER___LESR 323668	46.40 -0.09 -3.56	45.29 -0.09 -2.50	44.09 -0.17 -1.43	44.07 -0.13 -1.24	44.23 0.00 -1.13	44.99 0.12 -3.67	65.48 0.58 -6.74	65.67 0.67 -8.78	61.92 0.73 -4.79	57.14 0.51 -0.43	52.17 0.57 0.00	51.25 0.51 0.00	46.86 0.33 0.00	48.96 0.39 0.00	47.00 0.33 0.00	49.26 0.34 0.00	56.47 0.50 -0.16	61.77 0.90 -0.94	57.35 0.79 -0.34	55.57 0.49 -0.23	47.55 0.33 0.00	45.11 0.27 0.00	41.27 -0.04 0.00	40.00 0.04 0.00
WETHRSFD_WT_PWR 323626	39.17 -4.16 -0.41	38.89 -4.29 -0.30	38.78 -4.24 -0.18	39.04 -4.08 -0.16	39.96 -3.71 -0.58	39.79 -3.42 -2.02	57.49 -4.36 -3.70	56.60 -4.44 -4.83	52.60 -4.34 -0.55	51.70 -4.72 -0.21	47.73 -3.87 0.00	47.09 -3.65 0.00	42.67 -3.86 0.00	44.78 -3.79 0.00	42.71 -3.97 0.00	44.76 -4.16 0.00	49.90 -4.80 1.11	55.45 -4.61 -0.13	51.03 -5.17 0.02	47.78 -5.43 1.63	43.05 -4.16 0.01	40.50 -4.30 0.03	37.55 -3.76 0.00	36.88 -3.08 0.00
WHAVSTOR_138KV_BK127 55557	55.73 2.36 -10.45	52.52 2.32 -7.32	49.33 2.31 -4.18	48.92 2.32 -3.63	48.86 2.46 -3.31	54.28 2.31 -10.78	81.48 3.55 -19.78	85.98 3.71 -26.06	74.86 3.84 -14.62	62.20 3.71 -2.28	54.91 3.30 0.00	53.84 3.10 0.00	49.52 2.93 -0.06	51.49 2.91 0.00	49.57 2.89 0.00	52.14 3.23 0.00	60.13 3.96 -0.36	67.78 4.79 -3.05	61.46 4.27 -0.96	58.89 3.95 -0.10	50.24 3.02 0.00	47.98 3.14 0.00	43.70 2.40 0.00	41.75 1.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	55.73 2.36 -10.45	52.52 2.32 -7.32	49.33 2.31 -4.18	48.92 2.32 -3.63	48.86 2.46 -3.31	54.28 2.31 -10.78	81.48 3.55 -19.78	85.98 3.71 -26.06	74.86 3.84 -14.62	62.20 3.71 -2.28	54.91 3.30 0.00	53.84 3.10 0.00	49.52 2.93 -0.06	51.49 2.91 0.00	49.57 2.89 0.00	52.14 3.23 0.00	60.13 3.96 -0.36	67.78 4.79 -3.05	61.46 4.27 -0.96	58.89 3.95 -0.10	50.24 3.02 0.00	47.98 3.14 0.00	43.70 2.40 0.00	41.75 1.80 0.00
WHITEHAL_115KV_TB1 80871	60.11 3.43 -13.76	55.91 3.39 -9.65	51.56 3.21 -5.51	51.10 3.35 -4.79	50.69 3.23 -4.36	58.81 3.42 -14.19	89.37 5.18 -26.04	95.41 5.28 -33.92	80.47 5.58 -18.48	63.33 5.45 -1.67	56.10 4.49 0.00	55.01 4.26 0.00	50.39 3.86 0.00	52.70 4.13 0.00	50.36 3.69 0.00	52.88 3.96 0.00	60.61 4.80 0.00	69.19 5.63 -3.63	62.82 5.34 -1.26	59.67 4.83 0.00	51.28 4.06 0.00	48.38 3.54 0.00	44.07 2.77 0.00	42.43 2.48 0.00

WHITEPLN_13_KV_LOAD	56.78	53.47	50.15	49.67	49.61	55.32	83.19	88.18	76.93	64.10	55.99	54.90	50.49	52.46	50.46	53.12	61.51	69.17	62.68	60.10	51.04	48.74	44.36	42.35
356215	3.09	3.04	3.00	2.96	3.10	3.01	4.65	4.95	5.13	5.00	4.39	4.16	3.86	3.89	3.78	4.21	5.13	5.93	5.45	5.10	3.82	3.90	3.06	2.40
	-10.77	-7.55	-4.31	-3.75	-3.41	-11.11	-20.39	-27.02	-15.40	-2.89	0.00	0.00	-0.09	0.00	0.00	0.00	-0.57	-3.31	-0.99	-0.16	0.00	0.00	0.00	0.00
WM_FLOYD_69_KV_BK2	79.15	56.16	51.83	51.65	62.52	70.55	114.11	144.13	136.91	120.93	66.60	63.46	63.02	62.75	62.07	63.10	72.88	92.45	82.98	73.68	64.07	61.32	55.41	53.20
356380	4.59	4.85	4.67	4.77	4.87	4.57	5.70	6.01	6.09	6.07	6.55	6.04	5.58	5.68	5.55	5.97	7.26	7.85	7.08	6.91	5.38	5.60	4.42	3.72
	-31.63	-8.44	-4.32	-3.91	-14.55	-24.79	-50.26	-81.91	-74.42	-58.65	-8.44	-6.68	-10.91	-8.49	-9.84	-8.22	-9.81	-24.67	-19.67	-11.93	-11.47	-10.88	-9.69	-9.53
WOODARD__115KV_TB2	42.69	42.36	41.98	42.10	42.37	41.29	59.00	57.76	56.91	55.43	50.63	49.73	45.51	47.55	45.65	47.84	54.58	59.41	55.37	53.69	46.23	43.76	40.15	38.88
355635	-1.20	-1.20	-1.24	-1.20	-1.03	-0.91	-0.99	-0.84	-0.79	-0.90	-0.98	-1.01	-1.02	-1.02	-1.03	-1.08	-1.23	-0.78	-0.96	-1.15	-0.99	-1.08	-1.16	-1.08
	-0.97	-0.68	-0.39	-0.34	-0.31	-1.00	-1.84	-2.39	-1.30	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-0.10	0.00	0.00	0.00	0.00	0.00
YORK___WARBASSE	57.12	53.72	50.34	49.82	49.89	55.61	83.62	100.67	107.36	106.38	56.04	54.96	52.14	52.65	50.69	53.22	71.92	100.81	142.85	70.78	51.23	49.14	44.65	42.43
23770	3.39	3.26	3.17	3.09	3.36	3.25	5.00	5.17	5.36	5.23	4.44	4.21	3.96	3.98	3.92	4.30	5.41	6.41	5.90	5.43	4.01	4.21	3.35	2.48
	-10.81	-7.58	-4.33	-3.76	-3.43	-11.16	-20.46	-39.29	-45.60	-44.94	0.00	0.00	-1.65	-0.09	-0.09	0.00	-10.70	-34.47	-80.72	-10.51	0.00	-0.09	0.00	0.00