

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/20/2025				
Generator Data																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
59TH STREET_GT_1 24138	EST	55.97	54.64	53.94	52.83	50.84	48.56	50.07	58.09	54.00	53.07	57.64	55.64	49.10	54.96	57.00	54.80	55.27	62.68	58.29	57.25	54.75	47.57	45.31	49.84	
		3.18	2.98	2.90	2.64	2.50	2.47	2.62	2.93	2.66	2.76	3.25	3.09	2.62	2.65	2.87	3.02	3.31	3.82	3.59	3.73	3.71	3.30	3.18	3.29	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_1 24260	EST	56.00	54.68	53.97	52.89	50.90	48.63	50.13	58.19	54.10	53.16	57.67	55.67	49.10	54.98	57.01	54.83	55.28	62.72	58.34	57.32	54.81	47.61	45.34	49.89	
		3.21	3.02	2.93	2.70	2.57	2.53	2.68	3.03	2.77	2.85	3.28	3.12	2.63	2.67	2.89	3.04	3.33	3.87	3.64	3.79	3.77	3.34	3.22	3.33	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_2 24261	EST	56.00	54.68	53.97	52.89	50.90	48.63	50.13	58.19	54.10	53.16	57.67	55.67	49.10	54.98	57.01	54.83	55.28	62.72	58.34	57.32	54.81	47.61	45.34	49.89	
		3.21	3.02	2.93	2.70	2.57	2.53	2.68	3.03	2.77	2.85	3.28	3.12	2.63	2.67	2.89	3.04	3.33	3.87	3.64	3.79	3.77	3.34	3.22	3.33	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK HUDSON___FALLS 24011	EST	55.54	54.42	53.84	52.99	51.12	48.81	50.35	58.60	54.15	52.47	56.63	54.51	48.31	54.79	57.34	54.98	55.47	62.88	58.43	57.22	54.42	47.24	44.77	49.44	
		2.76	2.77	2.79	2.80	2.79	2.72	2.89	3.45	2.82	2.16	2.24	1.96	1.83	2.48	3.21	3.20	3.52	4.02	3.73	3.69	3.38	2.97	2.64	2.89	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK RESOURCE___RCVRY 23798	EST	55.87	54.74	54.16	53.36	51.46	49.15	50.77	59.13	54.49	52.66	56.80	54.63	48.56	55.17	57.97	55.57	56.10	63.56	59.11	57.88	54.93	47.64	45.07	49.75	
		3.09	3.08	3.11	3.17	3.13	3.06	3.32	3.97	3.16	2.35	2.41	2.07	2.09	2.86	3.84	3.79	4.15	4.71	4.42	4.35	3.89	3.38	2.95	3.20	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS 24028	EST	55.54	54.42	53.84	52.99	51.12	48.81	50.35	58.60	54.15	52.47	56.63	54.51	48.31	54.79	57.34	54.98	55.47	62.88	58.43	57.22	54.42	47.24	44.77	49.44	
		2.76	2.77	2.79	2.80	2.79	2.72	2.89	3.45	2.82	2.16	2.24	1.96	1.83	2.48	3.21	3.20	3.52	4.02	3.73	3.69	3.38	2.97	2.64	2.89	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK_NYS___DAM 23527	EST	55.39	54.29	53.72	52.90	50.95	48.62	50.03	58.13	53.96	52.40	56.77	54.55	48.43	54.30	56.42	54.32	54.59	61.80	57.58	56.50	54.15	47.05	44.68	49.47	
		2.60	2.64	2.68	2.72	2.61	2.52	2.58	2.97	2.63	2.09	2.37	2.00	1.95	1.98	2.30	2.54	2.65	2.94	2.88	2.98	3.11	2.79	2.56	2.91	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS___DRP 24190	EST	54.11	53.04	52.42	51.56	49.65	47.32	48.31	56.14	52.23	51.03	55.40	53.37	47.15	52.73	54.68	52.47	52.85	59.90	55.66	54.65	52.22	45.41	43.51	48.34	
		1.33	1.38	1.37	1.37	1.31	1.22	0.86	0.99	0.90	0.72	1.00	0.82	0.67	0.41	0.55	0.68	0.90	1.05	0.97	1.12	1.18	1.15	1.39	1.79	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK 355683	EST	53.67	52.52	51.87	51.06	49.15	46.81	48.09	55.96	52.18	51.32	55.47	53.68	47.62	53.68	55.43	52.75	52.66	59.59	55.43	54.14	51.52	44.59	42.39	46.88	
		0.89	0.86	0.82	0.88	0.81	0.72	0.63	0.81	0.85	1.01	1.07	1.13	1.15	1.36	1.30	0.97	0.71	0.74	0.73	0.61	0.48	0.33	0.26	0.33	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.70	53.60	52.97	52.09	50.17	47.85	49.07	57.00	52.94	51.59	55.67	53.68	47.47	53.59	55.60	53.36	53.77	60.95	56.61	55.52	53.02	46.05	43.96	48.71	
		1.91	1.94	1.93	1.90	1.84	1.76	1.61	1.84	1.61	1.28	1.28	1.12	0.99	1.28	1.47	1.57	1.82	2.10	1.91	1.99	1.98	1.79	1.83	2.16	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR 323834	EST	54.69	53.59	52.95	52.08	50.16	47.83	49.04	56.98	52.92	51.57	55.66	53.66	47.45	53.57	55.59	53.34	53.76	60.93	56.61	55.51	53.02	46.04	43.96	48.70	
		1.90	1.94	1.91	1.89	1.83	1.74	1.58	1.82	1.59	1.26	1.26	1.11	0.98	1.25	1.46	1.56	1.81	2.08	1.91	1.99	1.97	1.78	1.83	2.15	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY___1 23571	EST	54.11	53.04	52.42	51.56	49.65	47.32	48.31	56.14	52.23	51.03	55.40	53.37	47.15	52.73	54.68	52.47	52.85	59.90	55.66	54.65	52.22	45.41	43.51	48.34	
		1.33	1.38	1.37	1.37	1.31	1.22	0.86	0.99	0.90	0.72	1.00	0.82	0.67	0.41	0.55	0.68	0.90	1.05	0.97	1.12	1.18	1.15	1.39	1.79	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	54.11 1.33 0.00	53.04 1.38 0.00	52.42 1.37 0.00	51.56 1.37 0.00	49.65 1.31 0.00	47.32 1.22 0.00	48.31 0.86 0.00	56.14 0.99 0.00	52.23 0.90 0.00	51.03 0.72 0.00	55.40 1.00 0.00	53.37 0.82 0.00	47.15 0.67 0.00	52.73 0.41 0.00	54.68 0.55 0.00	52.47 0.68 0.00	52.85 0.90 0.00	59.90 1.05 0.00	55.66 0.97 0.00	54.65 1.12 0.00	52.22 1.18 0.00	45.41 1.15 0.00	43.51 1.39 0.00	48.34 1.79 0.00
ALBANY___3 23573	54.11 1.33 0.00	53.04 1.38 0.00	52.42 1.37 0.00	51.56 1.37 0.00	49.65 1.31 0.00	47.32 1.22 0.00	48.31 0.86 0.00	56.14 0.99 0.00	52.23 0.90 0.00	51.03 0.72 0.00	55.40 1.00 0.00	53.37 0.82 0.00	47.15 0.67 0.00	52.73 0.41 0.00	54.68 0.55 0.00	52.47 0.68 0.00	52.85 0.90 0.00	59.90 1.05 0.00	55.66 0.97 0.00	54.65 1.12 0.00	52.22 1.18 0.00	45.41 1.15 0.00	43.51 1.39 0.00	48.34 1.79 0.00
ALBANY___4 23574	54.11 1.33 0.00	53.04 1.38 0.00	52.42 1.37 0.00	51.56 1.37 0.00	49.65 1.31 0.00	47.32 1.22 0.00	48.31 0.86 0.00	56.14 0.99 0.00	52.23 0.90 0.00	51.03 0.72 0.00	55.40 1.00 0.00	53.37 0.82 0.00	47.15 0.67 0.00	52.73 0.41 0.00	54.68 0.55 0.00	52.47 0.68 0.00	52.85 0.90 0.00	59.90 1.05 0.00	55.66 0.97 0.00	54.65 1.12 0.00	52.22 1.18 0.00	45.41 1.15 0.00	43.51 1.39 0.00	48.34 1.79 0.00
ALBANY___LFGE 323615	54.54 1.76 0.00	53.46 1.80 0.00	52.83 1.78 0.00	51.97 1.78 0.00	50.03 1.70 0.00	47.69 1.59 0.00	48.76 1.30 0.00	56.68 1.52 0.00	52.71 1.38 0.00	51.49 1.18 0.00	55.89 1.49 0.00	53.85 1.29 0.00	47.59 1.12 0.00	53.32 1.00 0.00	55.27 1.14 0.00	53.04 1.26 0.00	53.44 1.49 0.00	60.58 1.72 0.00	56.28 1.58 0.00	55.23 1.71 0.00	52.78 1.74 0.00	45.88 1.62 0.00	43.92 1.79 0.00	48.76 2.21 0.00
ALCOA_PA_115KV_PL-6C 55860	54.08 1.30 0.00	52.93 1.27 0.00	52.27 1.22 0.00	51.45 1.27 0.00	49.51 1.18 0.00	47.17 1.07 0.00	48.46 1.01 0.00	56.42 1.27 0.00	52.63 1.30 0.00	51.72 1.41 0.00	55.90 1.51 0.00	54.17 1.62 0.00	48.02 1.54 0.00	54.18 1.86 0.00	55.91 1.78 0.00	53.19 1.41 0.00	53.08 1.13 0.00	60.06 1.21 0.00	55.86 1.16 0.00	54.56 1.03 0.00	51.89 0.84 0.00	44.89 0.63 0.00	42.67 0.54 0.00	47.19 0.64 0.00
ALCOA_RYNLDS___DRP 24188	54.08 1.30 0.00	52.93 1.27 0.00	52.27 1.22 0.00	51.45 1.27 0.00	49.52 1.18 0.00	47.17 1.07 0.00	48.46 1.01 0.00	56.42 1.27 0.00	52.63 1.30 0.00	51.71 1.40 0.00	55.90 1.51 0.00	54.17 1.62 0.00	48.02 1.55 0.00	54.18 1.86 0.00	55.91 1.78 0.00	53.19 1.40 0.00	53.08 1.13 0.00	60.06 1.21 0.00	55.86 1.16 0.00	54.56 1.03 0.00	51.89 0.85 0.00	44.89 0.63 0.00	42.67 0.54 0.00	47.19 0.64 0.00
ALCOA___DSASP 323711	54.08 1.30 0.00	52.93 1.27 0.00	52.27 1.22 0.00	51.45 1.27 0.00	49.52 1.18 0.00	47.17 1.07 0.00	48.46 1.01 0.00	56.42 1.27 0.00	52.63 1.30 0.00	51.71 1.40 0.00	55.90 1.51 0.00	54.17 1.62 0.00	48.02 1.55 0.00	54.18 1.86 0.00	55.91 1.78 0.00	53.19 1.40 0.00	53.08 1.13 0.00	60.06 1.21 0.00	55.86 1.16 0.00	54.56 1.03 0.00	51.89 0.85 0.00	44.89 0.63 0.00	42.67 0.54 0.00	47.19 0.64 0.00
ALLEGHENY___COGEN 23514	52.24 -0.54 0.00	50.97 -0.69 0.00	50.52 -0.52 0.00	49.77 -0.41 0.00	48.30 -0.04 0.00	46.17 0.07 0.00	48.05 0.60 0.00	55.49 0.33 0.00	51.14 -0.19 0.00	49.77 -0.88 -0.35	52.02 -2.81 -0.43	50.09 -2.46 0.00	45.34 -1.55 -0.40	49.70 -3.09 -0.48	53.37 -3.86 -3.10	78.86 -3.60 -30.67	109.55 -3.38 -60.97	120.12 -3.43 -64.70	114.93 -3.13 -63.36	116.70 -3.21 -66.38	112.32 -3.33 -64.61	101.98 -2.98 -60.70	98.34 -1.73 -57.94	102.98 -1.72 -58.14
ALTAMONT_115KV_TB 2 55880	53.97 1.19 0.00	52.87 1.22 0.00	52.26 1.22 0.00	51.38 1.19 0.00	49.47 1.13 0.00	47.19 1.09 0.00	48.44 0.99 0.00	56.26 1.11 0.00	52.35 1.02 0.00	51.20 0.89 0.00	55.47 1.08 0.00	53.48 0.92 0.00	47.28 0.80 0.00	53.05 0.74 0.00	55.02 0.89 0.00	52.80 1.01 0.00	53.14 1.19 0.00	60.24 1.38 0.00	55.96 1.27 0.00	54.88 1.35 0.00	52.43 1.39 0.00	45.54 1.28 0.00	43.45 1.32 0.00	48.09 1.54 0.00
ALTONA_WT_PWR 323606	52.76 -0.03 0.00	51.68 0.02 0.00	51.07 0.02 0.00	50.25 0.06 0.00	48.39 0.05 0.00	46.16 0.06 0.00	47.68 0.22 0.00	55.81 0.66 0.00	52.38 1.04 0.00	51.74 1.43 0.00	56.09 1.69 0.00	54.26 1.71 0.00	48.13 1.66 0.00	54.41 2.10 0.00	56.23 2.11 0.00	53.24 1.45 0.00	52.58 0.63 0.00	59.59 0.73 0.00	55.20 0.50 0.00	53.78 0.25 0.00	51.29 0.24 0.00	44.31 0.04 0.00	41.92 -0.20 0.00	46.48 -0.07 0.00
AMERICAN_REF_FUEL 24010	48.24 -4.54 0.00	47.13 -4.53 0.00	46.62 -4.43 0.00	45.84 -4.35 0.00	44.23 -4.11 0.00	41.66 -4.43 0.00	42.78 -4.68 0.00	48.58 -6.58 0.00	45.06 -6.27 0.00	44.38 -5.85 0.08	47.45 -6.84 0.10	46.64 -5.92 0.00	41.22 -5.17 0.09	46.51 -5.70 0.11	47.60 -5.81 0.71	39.37 -5.35 7.06	31.99 -5.92 14.04	37.05 -6.91 14.89	33.88 -6.23 14.59	31.72 -6.53 15.28	29.77 -6.47 14.80	25.07 -5.58 13.62	23.91 -5.11 13.11	27.97 -5.20 13.38
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.33 -3.45 0.00	48.46 -3.20 0.00	48.71 -2.33 0.00	48.14 -2.05 0.00	46.66 -1.68 0.00	44.15 -1.95 0.00	46.13 -1.33 0.00	51.43 -3.73 0.00	46.65 -4.68 0.00	45.42 -4.82 0.07	48.69 -5.61 0.09	47.38 -5.18 0.00	41.54 -4.84 0.09	46.79 -5.42 0.10	47.49 -5.98 0.66	40.08 -5.21 6.49	33.07 -5.98 12.90	38.21 -6.96 13.69	35.01 -6.28 13.41	33.10 -6.38 14.04	31.07 -6.31 13.66	25.86 -5.62 12.78	24.78 -5.13 12.22	28.94 -5.31 12.30
ARTHUR KILL_GT_1 23520	55.80 3.02 0.00	54.51 2.86 0.00	53.86 2.82 0.00	52.84 2.65 0.00	50.84 2.51 0.00	48.56 2.46 0.00	50.04 2.58 0.00	58.02 2.87 0.00	53.92 2.59 0.00	52.97 2.66 0.00	57.17 2.78 0.00	55.20 2.65 0.00	48.67 2.19 0.00	54.40 2.09 0.00	56.40 2.28 0.00	54.31 2.53 0.00	54.79 2.84 0.00	62.08 3.23 0.00	58.04 3.34 0.00	57.02 3.50 0.00	54.72 3.68 0.00	47.53 3.26 0.00	45.23 3.11 0.00	49.72 3.17 0.00
ARTHUR_KILL_2 23512	55.64 2.85 0.00	54.36 2.70 0.00	53.70 2.66 0.00	52.69 2.50 0.00	50.69 2.36 0.00	48.42 2.33 0.00	49.90 2.44 0.00	57.84 2.68 0.00	53.77 2.44 0.00	52.82 2.51 0.00	57.02 2.62 0.00	55.04 2.49 0.00	48.54 2.07 0.00	54.27 1.95 0.00	56.25 2.13 0.00	54.14 2.36 0.00	54.58 2.63 0.00	61.82 2.98 0.01	57.81 3.11 0.00	56.83 3.30 0.00	54.53 3.48 0.00	47.36 3.09 0.00	45.08 2.96 0.00	49.56 3.01 0.00
ARTHUR_KILL_3 23513	55.40 2.62 0.00	54.09 2.43 0.00	53.40 2.35 0.00	52.33 2.14 0.00	50.35 2.02 0.00	48.11 2.02 0.00	49.61 2.15 0.00	57.54 2.38 0.00	53.49 2.16 0.00	52.53 2.22 0.00	56.97 2.58 0.00	54.97 2.42 0.00	48.50 2.02 0.00	54.28 1.97 0.00	56.28 2.15 0.00	54.12 2.33 0.00	54.60 2.65 0.00	61.96 3.11 0.00	57.63 2.94 0.00	56.63 3.10 0.00	54.16 3.12 0.00	47.06 2.79 0.00	44.83 2.71 0.00	49.34 2.79 0.00

ARTHUR_KILL_COGEN 323718	55.80 3.02 0.00	54.51 2.86 0.00	53.86 2.81 0.00	52.84 2.65 0.00	50.84 2.51 0.00	48.56 2.47 0.00	50.04 2.58 0.00	58.02 2.86 0.00	53.92 2.59 0.00	52.97 2.66 0.00	57.17 2.78 0.00	55.19 2.64 0.00	48.67 2.20 0.00	54.41 2.09 0.00	56.40 2.27 0.00	54.30 2.52 0.00	54.75 2.81 0.00	62.02 3.17 0.01	58.01 3.32 0.00	57.01 3.48 0.00	54.70 3.66 0.00	47.50 3.24 0.00	45.22 3.09 0.00	49.71 3.16 0.00
ASHOKAN____ 23654	55.65 2.87 0.00	54.41 2.75 0.00	53.74 2.69 0.00	52.76 2.57 0.00	50.82 2.49 0.00	48.55 2.46 0.00	50.09 2.64 0.00	58.30 3.14 0.00	54.28 2.94 0.00	52.96 2.65 0.00	57.53 3.13 0.00	55.21 2.66 0.00	48.55 2.08 0.00	54.67 2.35 0.00	57.18 3.05 0.00	55.01 3.23 0.00	55.47 3.52 0.00	63.11 4.26 0.00	58.62 3.93 0.00	57.45 3.92 0.00	54.78 3.74 0.00	47.49 3.23 0.00	45.16 3.04 0.00	49.74 3.18 0.00
ASTORIA_EAST_ENERGY_CC1 323581	55.61 2.82 0.00	54.33 2.67 0.00	53.62 2.57 0.00	52.55 2.36 0.00	50.58 2.24 0.00	48.36 2.27 0.00	49.72 2.26 0.00	57.62 2.46 0.00	53.70 2.37 0.00	52.85 2.54 0.00	57.15 2.76 0.00	55.25 2.69 0.00	48.63 2.16 0.00	54.43 2.11 0.00	56.37 2.25 0.00	54.23 2.45 0.00	54.59 2.64 0.00	61.92 3.07 0.00	57.75 3.06 0.00	56.81 3.29 0.00	54.39 3.34 0.00	47.31 3.04 0.00	45.04 2.91 0.00	49.53 2.98 0.00
ASTORIA_EAST_ENERGY_CC2 323582	55.61 2.82 0.00	54.33 2.67 0.00	53.62 2.57 0.00	52.55 2.36 0.00	50.58 2.24 0.00	48.35 2.26 0.00	49.72 2.26 0.00	57.62 2.46 0.00	53.70 2.37 0.00	52.86 2.55 0.00	57.16 2.77 0.00	55.25 2.70 0.00	48.63 2.16 0.00	54.43 2.11 0.00	56.37 2.25 0.00	54.23 2.45 0.00	54.59 2.64 0.00	61.92 3.07 0.00	57.75 3.06 0.00	56.82 3.30 0.00	54.40 3.35 0.00	47.31 3.05 0.00	45.04 2.91 0.00	49.54 2.98 0.00
ASTORIA_GT2_1 24094	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT2_2 24095	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT2_3 24096	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT2_4 24097	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT3_1 24098	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT3_2 24099	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT3_3 24100	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT3_4 24101	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT4_1 24102	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT4_2 24103	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT4_3 24104	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00

ASTORIA_GT4_4 24105	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.38 2.29 0.00	49.74 2.29 0.00	57.66 2.50 0.00	53.72 2.38 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.18 0.00	54.44 2.13 0.00	56.42 2.29 0.00	54.27 2.49 0.00	54.63 2.68 0.00	62.00 3.14 0.00	57.79 3.09 0.00	56.86 3.34 0.00	54.42 3.38 0.00	47.35 3.09 0.00	45.07 2.95 0.00	49.56 3.01 0.00
ASTORIA_GT_1 23523	55.73 2.94 0.00	54.46 2.80 0.00	53.72 2.68 0.00	52.66 2.48 0.00	50.67 2.34 0.00	48.45 2.35 0.00	49.84 2.38 0.00	57.76 2.61 0.00	53.82 2.49 0.00	52.98 2.67 0.00	57.30 2.91 0.00	55.37 2.82 0.00	48.75 2.27 0.00	54.55 2.23 0.00	56.53 2.40 0.00	54.37 2.59 0.00	54.74 2.79 0.00	62.12 3.26 0.00	57.91 3.21 0.00	56.97 3.44 0.00	54.52 3.48 0.00	47.44 3.18 0.00	45.15 3.02 0.00	49.65 3.09 0.00
ASTORIA_GT_10 24110	55.77 2.99 0.00	54.48 2.83 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.71 2.38 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.53 2.98 0.00	48.95 2.47 0.00	54.77 2.46 0.00	56.77 2.64 0.00	54.60 2.82 0.00	55.00 3.05 0.00	62.38 3.52 0.00	58.10 3.40 0.00	57.10 3.57 0.00	54.63 3.59 0.00	47.47 3.20 0.00	45.21 3.09 0.00	49.73 3.17 0.00
ASTORIA_GT_11 24225	55.77 2.99 0.00	54.48 2.83 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.71 2.38 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.53 2.98 0.00	48.95 2.47 0.00	54.77 2.46 0.00	56.77 2.64 0.00	54.60 2.82 0.00	55.00 3.05 0.00	62.38 3.52 0.00	58.10 3.40 0.00	57.10 3.57 0.00	54.63 3.59 0.00	47.47 3.20 0.00	45.21 3.09 0.00	49.73 3.17 0.00
ASTORIA_GT_12 24226	55.77 2.99 0.00	54.48 2.83 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.71 2.38 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.53 2.98 0.00	48.95 2.47 0.00	54.77 2.46 0.00	56.77 2.64 0.00	54.60 2.82 0.00	55.00 3.05 0.00	62.38 3.52 0.00	58.10 3.40 0.00	57.10 3.57 0.00	54.63 3.59 0.00	47.47 3.20 0.00	45.21 3.09 0.00	49.73 3.17 0.00
ASTORIA_GT_13 24227	55.77 2.99 0.00	54.48 2.83 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.71 2.38 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.53 2.98 0.00	48.95 2.47 0.00	54.77 2.46 0.00	56.77 2.64 0.00	54.60 2.82 0.00	55.00 3.05 0.00	62.38 3.52 0.00	58.10 3.40 0.00	57.10 3.57 0.00	54.63 3.59 0.00	47.47 3.20 0.00	45.21 3.09 0.00	49.73 3.17 0.00
ASTORIA_GT_5 24106	55.73 2.94 0.00	54.46 2.80 0.00	53.72 2.68 0.00	52.66 2.48 0.00	50.67 2.34 0.00	48.45 2.35 0.00	49.84 2.38 0.00	57.76 2.61 0.00	53.82 2.49 0.00	52.98 2.67 0.00	57.30 2.91 0.00	55.37 2.82 0.00	48.75 2.27 0.00	54.55 2.23 0.00	56.53 2.40 0.00	54.37 2.59 0.00	54.74 2.79 0.00	62.12 3.26 0.00	57.91 3.21 0.00	56.97 3.44 0.00	54.52 3.48 0.00	47.44 3.18 0.00	45.15 3.02 0.00	49.65 3.09 0.00
ASTORIA_GT_7 24107	55.73 2.94 0.00	54.46 2.80 0.00	53.72 2.68 0.00	52.66 2.48 0.00	50.67 2.34 0.00	48.45 2.35 0.00	49.84 2.38 0.00	57.76 2.61 0.00	53.82 2.49 0.00	52.98 2.67 0.00	57.30 2.91 0.00	55.37 2.82 0.00	48.75 2.27 0.00	54.55 2.23 0.00	56.53 2.40 0.00	54.37 2.59 0.00	54.74 2.79 0.00	62.12 3.26 0.00	57.91 3.21 0.00	56.97 3.44 0.00	54.52 3.48 0.00	47.44 3.18 0.00	45.15 3.02 0.00	49.65 3.09 0.00
ASTORIA_GT_8 24108	55.73 2.94 0.00	54.46 2.80 0.00	53.72 2.68 0.00	52.66 2.48 0.00	50.67 2.34 0.00	48.45 2.35 0.00	49.84 2.38 0.00	57.76 2.61 0.00	53.82 2.49 0.00	52.98 2.67 0.00	57.30 2.91 0.00	55.37 2.82 0.00	48.75 2.27 0.00	54.55 2.23 0.00	56.53 2.40 0.00	54.37 2.59 0.00	54.74 2.79 0.00	62.12 3.26 0.00	57.91 3.21 0.00	56.97 3.44 0.00	54.52 3.48 0.00	47.44 3.18 0.00	45.15 3.02 0.00	49.65 3.09 0.00
ASTORIA___2 24149	55.62 2.84 0.00	54.37 2.71 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.39 2.30 0.00	49.74 2.29 0.00	57.65 2.50 0.00	53.72 2.39 0.00	52.88 2.57 0.00	57.19 2.80 0.00	55.27 2.71 0.00	48.66 2.19 0.00	54.43 2.12 0.00	56.41 2.28 0.00	54.26 2.48 0.00	54.62 2.67 0.00	61.95 3.10 0.00	57.78 3.09 0.00	56.85 3.32 0.00	54.41 3.36 0.00	47.33 3.06 0.00	45.05 2.93 0.00	49.55 3.00 0.00
ASTORIA___3 23516	55.77 2.99 0.00	54.48 2.82 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.70 2.37 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.54 2.98 0.00	48.95 2.48 0.00	54.77 2.46 0.00	56.76 2.63 0.00	54.59 2.80 0.00	54.98 3.03 0.00	62.34 3.49 0.00	58.08 3.38 0.00	57.07 3.54 0.00	54.61 3.57 0.00	47.45 3.18 0.00	45.20 3.07 0.00	49.71 3.16 0.00
ASTORIA___4 23517	55.77 2.99 0.00	54.48 2.83 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.71 2.38 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.53 2.98 0.00	48.95 2.47 0.00	54.77 2.46 0.00	56.77 2.64 0.00	54.60 2.82 0.00	55.00 3.05 0.00	62.38 3.52 0.00	58.10 3.40 0.00	57.10 3.57 0.00	54.63 3.59 0.00	47.47 3.20 0.00	45.21 3.09 0.00	49.73 3.17 0.00
ASTORIA___5 23518	55.77 2.99 0.00	54.48 2.82 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.70 2.37 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.54 2.98 0.00	48.95 2.48 0.00	54.77 2.46 0.00	56.76 2.63 0.00	54.59 2.80 0.00	54.98 3.03 0.00	62.34 3.49 0.00	58.08 3.38 0.00	57.07 3.54 0.00	54.61 3.57 0.00	47.45 3.18 0.00	45.20 3.07 0.00	49.71 3.16 0.00
AST_ENERGY_2_CC3 323677	45.61 2.70 9.87	45.61 2.51 8.56	45.61 2.43 7.87	45.61 2.20 6.78	45.61 2.10 4.82	45.54 2.09 2.64	45.61 2.21 4.06	45.61 2.48 12.02	45.61 2.25 7.98	46.20 2.34 6.45	57.12 2.73 0.00	55.14 2.58 0.00	48.33 2.14 0.29	42.76 2.12 11.68	42.76 2.31 13.68	42.76 2.49 11.51	42.76 2.78 11.97	42.76 3.22 19.31	42.76 3.07 15.00	42.76 3.26 14.03	42.76 3.28 11.56	42.76 2.91 4.42	42.46 2.81 2.48	42.76 2.91 6.70
AST_ENERGY_2_CC4 323678	45.61 2.70 9.87	45.61 2.51 8.56	45.61 2.43 7.87	45.61 2.20 6.78	45.61 2.10 4.82	45.54 2.09 2.64	45.61 2.21 4.06	45.61 2.48 12.02	45.61 2.25 7.98	46.20 2.34 6.45	57.12 2.73 0.00	55.14 2.58 0.00	48.33 2.14 0.29	42.76 2.12 11.68	42.76 2.31 13.68	42.76 2.49 11.51	42.76 2.78 11.97	42.76 3.22 19.31	42.76 3.07 15.00	42.76 3.26 14.03	42.76 3.28 11.56	42.76 2.91 4.42	42.46 2.81 2.48	42.76 2.91 6.70

ATHENS_STG_1 23668	54.15 1.36 0.00	53.02 1.36 0.00	52.39 1.35 0.00	51.47 1.29 0.00	49.55 1.22 0.00	47.29 1.20 0.00	48.68 1.23 0.00	56.53 1.38 0.00	52.65 1.32 0.00	51.59 1.28 0.00	55.92 1.53 0.00	53.96 1.40 0.00	47.66 1.18 0.00	53.46 1.15 0.00	55.44 1.31 0.00	53.22 1.43 0.00	53.60 1.65 0.00	60.77 1.92 0.00	56.41 1.72 0.00	55.30 1.77 0.00	52.85 1.81 0.00	45.90 1.63 0.00	43.72 1.59 0.00	48.26 1.70 0.00
ATHENS_STG_2 23670	54.15 1.36 0.00	53.02 1.36 0.00	52.39 1.35 0.00	51.47 1.29 0.00	49.55 1.22 0.00	47.29 1.20 0.00	48.68 1.23 0.00	56.53 1.38 0.00	52.65 1.32 0.00	51.59 1.28 0.00	55.92 1.53 0.00	53.96 1.40 0.00	47.66 1.18 0.00	53.46 1.15 0.00	55.44 1.31 0.00	53.22 1.43 0.00	53.60 1.65 0.00	60.77 1.92 0.00	56.41 1.72 0.00	55.30 1.77 0.00	52.85 1.81 0.00	45.90 1.63 0.00	43.72 1.59 0.00	48.26 1.70 0.00
ATHENS_STG_3 23677	54.15 1.36 0.00	53.02 1.36 0.00	52.39 1.35 0.00	51.47 1.29 0.00	49.55 1.22 0.00	47.29 1.20 0.00	48.68 1.23 0.00	56.53 1.38 0.00	52.65 1.32 0.00	51.59 1.28 0.00	55.92 1.53 0.00	53.96 1.40 0.00	47.66 1.18 0.00	53.46 1.15 0.00	55.44 1.31 0.00	53.22 1.43 0.00	53.60 1.65 0.00	60.77 1.92 0.00	56.41 1.72 0.00	55.30 1.77 0.00	52.85 1.81 0.00	45.90 1.63 0.00	43.72 1.59 0.00	48.26 1.70 0.00
AUBURN____LFGE 323710	52.00 -0.79 0.00	50.83 -0.82 0.00	50.44 -0.61 0.00	49.57 -0.62 0.00	47.75 -0.59 0.00	45.57 -0.52 0.00	47.10 -0.35 0.00	54.64 -0.52 0.00	50.53 -0.80 0.00	49.53 -0.78 0.00	53.34 -1.05 0.00	51.22 -1.34 0.00	45.61 -0.86 0.00	51.57 -0.74 0.00	53.10 -1.03 0.00	50.96 -0.82 0.00	51.22 -0.73 0.00	58.01 -0.84 0.00	53.89 -0.81 0.00	52.49 -1.04 0.00	50.10 -0.94 0.00	43.40 -0.86 0.00	41.19 -0.94 0.00	45.61 -0.95 0.00
BABYLON_RES_REC 323704	56.70 3.92 0.00	55.33 3.67 0.00	54.54 3.49 0.00	53.41 3.22 0.00	51.39 3.05 0.00	49.17 3.07 0.00	50.57 3.12 0.00	58.64 3.49 0.00	54.40 3.06 0.00	53.65 3.34 0.00	57.91 3.52 0.00	56.00 3.45 0.00	49.12 2.65 0.00	55.14 2.83 0.00	57.36 3.23 0.00	81.97 3.69 -26.49	90.31 3.88 -34.48	68.35 4.07 -5.43	108.95 4.10 -50.16	97.83 4.20 -40.10	105.53 4.38 -50.11	73.03 3.84 -24.93	85.50 3.83 -39.54	51.09 3.92 -0.61
BALL_HILL_WT_PWR 323825	49.51 -3.28 0.00	48.46 -3.19 0.00	48.27 -2.78 0.00	47.56 -2.63 0.00	46.01 -2.32 0.00	43.50 -2.60 0.00	45.49 -1.97 0.00	51.20 -3.96 0.00	46.82 -4.51 0.00	45.70 -4.52 0.09	49.02 -5.26 0.11	47.78 -4.78 0.00	41.98 -4.39 0.11	47.36 -4.83 0.13	47.98 -5.32 0.82	38.88 -4.76 8.15	30.44 -5.30 16.20	35.47 -6.19 17.19	32.30 -5.56 16.83	30.20 -5.70 17.63	28.20 -5.69 17.15	23.18 -5.01 16.07	22.16 -4.61 15.36	26.34 -4.76 15.45
BARON_WINDS____WT_PWR 323822	48.50 -4.29 0.00	47.45 -4.20 0.00	47.25 -3.80 0.00	46.66 -3.53 0.00	45.51 -2.82 0.00	43.79 -2.31 0.00	45.81 -1.65 0.00	52.71 -2.44 0.00	48.15 -3.18 0.00	46.08 -3.65 0.57	49.17 -4.51 0.71	48.30 -4.25 0.00	41.68 -4.12 0.68	46.59 -4.93 0.79	43.39 -5.58 5.16	-4.46 -5.16 51.09	-55.00 -5.39 101.56	-55.00 -6.09 107.77	-56.20 -5.35 105.54	-62.22 -5.19 110.56	-61.62 -5.05 107.61	-61.24 -4.45 101.06	-58.54 -4.18 96.48	-55.00 -4.71 96.84
BARRETT_IC_1 23704	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_10 23701	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_11 23702	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_12 23703	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_2 23705	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_3 23706	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_4 23707	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_5 23708	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59

BARRETT_IC_6 23709	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_7 23710	55.98 3.20 0.00	54.65 2.99 0.00	53.88 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.58 2.48 0.00	49.93 2.48 0.00	57.88 2.72 0.00	53.78 2.44 0.00	53.05 2.74 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.42 0.00	56.90 2.77 0.00	80.53 3.06 -25.69	88.45 3.06 -33.44	67.42 3.29 -5.27	106.69 3.36 -48.64	95.96 3.55 -38.88	103.16 3.52 -48.59	71.61 3.17 -24.17	83.55 3.09 -38.34	50.46 3.32 -0.59
BARRETT_IC_8 23711	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT_IC_9 23700	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT___1 23545	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BARRETT___2 23546	55.98 3.19 0.00	54.65 2.99 0.00	53.87 2.83 0.00	52.77 2.58 0.00	50.79 2.46 0.00	48.59 2.49 0.00	49.94 2.48 0.00	57.87 2.72 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.42 3.03 0.00	55.49 2.94 0.00	48.79 2.31 0.00	54.74 2.43 0.00	56.89 2.76 0.00	80.52 3.04 -25.69	88.45 3.05 -33.44	67.41 3.29 -5.27	106.69 3.35 -48.64	95.94 3.53 -38.88	103.17 3.53 -48.59	71.61 3.17 -24.17	83.54 3.08 -38.34	50.46 3.32 -0.59
BATAVIA__115KV_TB1 55881	50.81 -1.97 0.00	49.60 -2.05 0.00	49.08 -1.97 0.00	48.22 -1.97 0.00	46.54 -1.80 0.00	43.97 -2.13 0.00	45.28 -2.17 0.00	51.78 -3.38 0.00	48.07 -3.26 0.00	47.26 -3.00 0.05	49.99 -4.33 0.07	49.33 -3.23 0.00	43.82 -2.60 0.06	49.30 -2.94 0.08	50.53 -3.10 0.49	44.09 -2.81 4.89	39.12 -3.12 9.71	44.99 -3.56 10.31	41.39 -3.21 10.09	39.36 -3.60 10.57	37.04 -3.75 10.25	31.43 -3.34 9.49	29.91 -3.10 9.11	34.18 -3.11 9.26
BAYONEEC___CTG1 323682	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG10 323750	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG2 323683	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG3 323684	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG4 323685	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG5 323686	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG6 323687	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG7 323688	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00

BAYONEEC___CTG8 323689	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BAYONEEC___CTG9 323749	55.63 2.85 0.00	54.32 2.66 0.00	53.63 2.58 0.00	52.54 2.35 0.00	50.57 2.24 0.00	48.31 2.21 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.72 2.39 0.00	52.77 2.46 0.00	57.25 2.85 0.00	55.24 2.68 0.00	48.73 2.26 0.00	54.56 2.24 0.00	56.57 2.44 0.00	54.40 2.62 0.00	54.85 2.90 0.00	62.22 3.36 0.00	57.91 3.21 0.00	56.91 3.38 0.00	54.42 3.38 0.00	47.27 3.01 0.00	45.04 2.91 0.00	49.57 3.01 0.00
BEACON___LESR 323632	54.93 2.14 0.00	53.70 2.04 0.00	53.10 2.05 0.00	52.22 2.03 0.00	50.30 1.97 0.00	47.96 1.87 0.00	49.19 1.74 0.00	57.21 2.06 0.00	53.10 1.76 0.00	51.82 1.51 0.00	56.24 1.84 0.00	54.06 1.51 0.00	47.83 1.36 0.00	53.74 1.42 0.00	55.58 1.45 0.00	53.41 1.63 0.00	53.86 1.91 0.00	61.16 2.31 0.00	56.75 2.05 0.00	55.71 2.18 0.00	53.19 2.15 0.00	46.22 1.96 0.00	44.19 2.07 0.00	48.98 2.43 0.00
BEAVER RIVER___HYD 24048	52.03 -0.75 0.00	50.65 -1.01 0.00	49.86 -1.18 0.00	49.11 -1.08 0.00	47.17 -1.16 0.00	45.03 -1.07 0.00	47.00 -0.45 0.00	56.06 0.91 0.00	52.37 1.04 0.00	51.09 0.78 0.00	55.09 0.70 0.00	53.40 0.85 0.00	46.64 0.16 0.00	53.82 1.51 0.00	55.08 0.95 0.00	51.63 -0.16 0.00	51.35 -0.60 0.00	57.87 -0.99 0.00	53.74 -0.96 0.00	52.52 -1.01 0.00	49.67 -1.37 0.00	42.99 -1.28 0.00	40.88 -1.24 0.00	44.95 -1.60 0.00
BEEBEE_GT_13 23619	50.84 -1.95 0.00	49.64 -2.02 0.00	49.08 -1.97 0.00	48.21 -1.98 0.00	46.48 -1.86 0.00	44.03 -2.06 0.00	45.36 -2.09 0.00	52.22 -2.93 0.00	48.50 -2.83 0.00	47.67 -2.64 0.00	51.13 -3.27 0.00	49.85 -2.70 0.00	44.22 -2.26 0.00	49.75 -2.56 0.00	51.31 -2.81 0.00	49.15 -2.63 0.00	49.16 -2.79 0.00	55.67 -3.18 0.00	51.75 -2.95 0.00	50.32 -3.21 0.00	47.77 -3.28 0.00	41.37 -2.91 -0.02	39.42 -2.72 -0.01	43.73 -2.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.14 3.35 0.00	54.83 3.17 0.00	54.10 3.05 0.00	53.03 2.84 0.00	51.03 2.69 0.00	48.73 2.64 0.00	50.22 2.77 0.00	58.24 3.08 0.00	54.22 2.89 0.00	53.34 3.03 0.00	57.72 3.33 0.00	55.80 3.24 0.00	49.17 2.69 0.00	55.01 2.69 0.00	57.02 2.89 0.00	54.87 3.08 0.00	55.30 3.35 0.00	62.74 3.89 0.00	58.50 3.80 0.00	57.46 3.93 0.00	54.99 3.95 0.00	47.77 3.50 0.00	45.47 3.34 0.00	50.00 3.45 0.00
BETHLEHEM___GRP 23843	54.11 1.33 0.00	53.04 1.38 0.00	52.42 1.37 0.00	51.56 1.37 0.00	49.65 1.31 0.00	47.32 1.22 0.00	48.31 0.86 0.00	56.14 0.99 0.00	52.23 0.90 0.00	51.03 0.72 0.00	55.40 1.00 0.00	53.37 0.82 0.00	47.15 0.67 0.00	52.73 0.41 0.00	54.68 0.55 0.00	52.47 0.68 0.00	52.85 0.90 0.00	59.90 1.05 0.00	55.66 0.97 0.00	54.65 1.12 0.00	52.22 1.18 0.00	45.41 1.15 0.00	43.51 1.39 0.00	48.34 1.79 0.00
BETHLEHEM___GS1 323560	54.11 1.33 0.00	53.04 1.38 0.00	52.42 1.37 0.00	51.56 1.37 0.00	49.65 1.31 0.00	47.32 1.22 0.00	48.31 0.86 0.00	56.14 0.99 0.00	52.23 0.90 0.00	51.03 0.72 0.00	55.40 1.00 0.00	53.37 0.82 0.00	47.15 0.68 0.00	52.73 0.41 0.00	54.68 0.55 0.00	52.47 0.69 0.00	52.84 0.89 0.00	59.90 1.05 0.00	55.65 0.96 0.00	54.64 1.12 0.00	52.22 1.18 0.00	45.40 1.14 0.00	43.51 1.38 0.00	48.34 1.79 0.00
BETHLEHEM___GS2 323561	54.11 1.33 0.00	53.04 1.38 0.00	52.42 1.37 0.00	51.56 1.37 0.00	49.65 1.31 0.00	47.32 1.22 0.00	48.31 0.86 0.00	56.14 0.99 0.00	52.23 0.90 0.00	51.03 0.72 0.00	55.40 1.00 0.00	53.37 0.82 0.00	47.15 0.68 0.00	52.73 0.41 0.00	54.68 0.55 0.00	52.47 0.69 0.00	52.84 0.89 0.00	59.90 1.05 0.00	55.65 0.96 0.00	54.64 1.12 0.00	52.22 1.18 0.00	45.40 1.14 0.00	43.51 1.38 0.00	48.34 1.79 0.00
BETHLEHEM___GS3 323562	54.11 1.33 0.00	53.04 1.38 0.00	52.42 1.37 0.00	51.56 1.37 0.00	49.65 1.31 0.00	47.32 1.22 0.00	48.31 0.86 0.00	56.14 0.99 0.00	52.23 0.90 0.00	51.03 0.72 0.00	55.40 1.00 0.00	53.37 0.82 0.00	47.15 0.68 0.00	52.73 0.41 0.00	54.68 0.55 0.00	52.47 0.69 0.00	52.84 0.89 0.00	59.90 1.05 0.00	55.65 0.96 0.00	54.64 1.12 0.00	52.22 1.18 0.00	45.40 1.14 0.00	43.51 1.38 0.00	48.34 1.79 0.00
BETHLEHEM___STEEL 23779	49.88 -2.90 0.00	48.74 -2.92 0.00	48.32 -2.73 0.00	47.56 -2.63 0.00	45.98 -2.36 0.00	43.41 -2.69 0.00	44.79 -2.67 0.00	50.96 -4.20 0.00	47.11 -4.23 0.00	46.25 -3.96 0.10	49.47 -4.81 0.12	48.51 -4.05 0.00	42.75 -3.61 0.12	48.18 -3.99 0.14	48.80 -4.43 0.89	38.81 -4.15 8.82	29.81 -4.60 17.54	34.90 -5.35 18.61	31.65 -4.82 18.22	29.28 -5.16 19.09	27.26 -5.22 18.56	22.30 -4.60 17.36	21.31 -4.21 16.60	25.61 -4.22 16.72
BETHLHEM_115KV_TB1 79974	54.09 1.31 0.00	53.02 1.36 0.00	52.40 1.35 0.00	51.53 1.34 0.00	49.62 1.29 0.00	47.30 1.20 0.00	48.36 0.91 0.00	56.19 1.03 0.00	52.27 0.94 0.00	51.08 0.77 0.00	55.43 1.03 0.00	53.42 0.87 0.00	47.19 0.72 0.00	52.83 0.52 0.00	54.79 0.66 0.00	52.57 0.79 0.00	52.93 0.99 0.00	60.02 1.17 0.00	55.76 1.06 0.00	54.73 1.20 0.00	52.30 1.26 0.00	45.46 1.20 0.00	43.51 1.38 0.00	48.30 1.75 0.00
BETHPAGE_CC_5 323564	56.30 3.52 0.00	54.96 3.30 0.00	54.19 3.14 0.00	53.07 2.88 0.00	51.07 2.73 0.00	48.84 2.74 0.00	50.19 2.73 0.00	58.15 3.00 0.00	54.04 2.70 0.00	53.30 2.99 0.00	57.59 3.20 0.00	55.69 3.14 0.00	48.90 2.43 0.00	54.86 2.55 0.00	56.93 2.80 0.00	82.87 3.18 -27.91	91.61 3.34 -36.32	68.13 3.56 -5.72	111.11 3.60 -52.83	99.45 3.69 -42.23	107.64 3.82 -52.77	73.89 3.37 -26.25	87.20 3.43 -41.64	50.77 3.57 -0.64
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.12 -2.66 0.00	48.98 -2.68 0.00	48.57 -2.48 0.00	47.81 -2.38 0.00	46.24 -2.10 0.00	43.68 -2.42 0.00	45.08 -2.38 0.00	51.31 -3.84 0.00	47.43 -3.90 0.00	46.57 -3.65 0.09	49.80 -4.48 0.12	48.81 -3.74 0.00	43.02 -3.34 0.11	48.49 -3.69 0.13	49.15 -4.14 0.84	39.57 -3.90 8.31	31.09 -4.34 16.52	36.26 -5.06 17.53	32.98 -4.54 17.17	30.66 -4.88 17.99	28.59 -4.96 17.49	23.51 -4.40 16.36	22.47 -4.02 15.64	26.81 -3.98 15.76
BINGHAMTON___COGEN 23790	51.83 -0.95 0.00	50.66 -0.99 0.00	50.17 -0.88 0.00	49.26 -0.93 0.00	47.49 -0.85 0.00	45.25 -0.84 0.00	46.85 -0.60 0.00	54.24 -0.91 0.00	50.33 -1.00 0.00	49.25 -1.06 0.00	53.17 -1.22 0.00	51.36 -1.19 0.00	45.37 -1.11 0.00	51.16 -1.15 0.00	52.75 -1.38 0.00	50.66 -1.12 0.00	50.75 -1.20 0.00	57.45 -1.40 0.00	53.44 -1.26 0.00	52.30 -1.22 0.00	49.80 -1.24 0.00	43.16 -1.10 0.00	41.09 -1.04 0.00	45.38 -1.17 0.00

BIXINCNT_115KV_LOAD 355685	48.99 -3.80 0.00	48.24 -3.42 0.00	48.00 -3.05 0.00	47.85 -2.33 0.00	46.98 -1.36 0.00	44.61 -1.49 0.00	46.32 -1.14 0.00	52.63 -2.53 0.00	48.29 -3.04 0.00	47.23 -3.02 0.06	50.09 -4.23 0.08	48.99 -3.56 0.00	43.05 -3.36 0.07	48.20 -4.03 0.09	48.78 -4.78 0.56	41.05 -5.20 5.54	35.40 -5.54 11.02	40.53 -6.64 11.69	37.41 -5.84 11.45	35.45 -6.08 11.99	33.47 -5.91 11.66	27.98 -5.39 10.89	26.79 -4.91 10.42	31.35 -4.70 10.50
BLACK RIVER___HYD 24047	51.49 -1.29 0.00	50.20 -1.46 0.00	49.49 -1.56 0.00	48.79 -1.40 0.00	46.94 -1.39 0.00	44.78 -1.31 0.00	46.80 -0.66 0.00	56.10 0.95 0.00	52.38 1.05 0.00	50.84 0.53 0.00	54.98 0.59 0.00	53.18 0.63 0.00	46.28 -0.20 0.00	53.91 1.59 0.00	54.92 0.79 0.00	51.51 -0.27 0.00	51.30 -0.65 0.00	57.98 -0.87 0.00	53.80 -0.90 0.00	52.61 -0.92 0.00	49.56 -1.48 0.00	42.79 -1.47 0.00	40.63 -1.49 0.00	44.62 -1.94 0.00
BLACKRVR_115KV_TB2 79977	51.49 -1.29 0.00	50.20 -1.46 0.00	49.49 -1.56 0.00	48.79 -1.39 0.00	46.94 -1.40 0.00	44.78 -1.31 0.00	46.80 -0.66 0.00	56.10 0.95 0.00	52.38 1.05 0.00	50.84 0.53 0.00	54.98 0.59 0.00	53.18 0.63 0.00	46.28 -0.20 0.00	53.91 1.59 0.00	54.92 0.79 0.00	51.51 -0.27 0.00	51.29 -0.66 0.00	57.97 -0.88 0.00	53.80 -0.90 0.00	52.60 -0.93 0.00	49.57 -1.47 0.00	42.79 -1.47 0.00	40.63 -1.49 0.00	44.62 -1.94 0.00
BLDWN_LI_69_KV_BK4 356085	56.51 3.72 0.00	55.15 3.50 0.00	54.34 3.29 0.00	53.22 3.03 0.00	51.22 2.89 0.00	48.99 2.90 0.00	50.39 2.93 0.00	58.43 3.28 0.00	54.26 2.93 0.00	53.50 3.19 0.00	57.85 3.45 0.00	55.93 3.37 0.00	49.14 2.66 0.00	55.14 2.82 0.00	57.31 3.18 0.00	86.42 3.56 -31.07	96.07 3.67 -40.45	69.27 4.05 -6.37	117.57 4.05 -58.83	104.69 4.12 -47.03	113.85 4.04 -58.77	77.08 3.57 -29.24	92.10 3.60 -46.37	51.04 3.77 -0.71
BLISS_WT_PWR 323608	48.39 -4.40 0.00	47.76 -3.90 0.00	47.56 -3.49 0.00	47.61 -2.58 0.00	46.93 -1.40 0.00	44.62 -1.47 0.00	46.38 -1.07 0.00	52.70 -2.46 0.00	48.26 -3.07 0.00	47.15 -3.10 0.06	49.88 -4.43 0.08	48.78 -3.77 0.00	42.80 -3.60 0.07	47.88 -4.35 0.09	48.39 -5.18 0.56	40.52 -5.72 5.54	34.87 -6.06 11.02	39.90 -7.26 11.69	36.88 -6.37 11.45	34.96 -6.58 11.99	33.12 -6.27 11.66	27.70 -5.68 10.89	26.53 -5.17 10.42	31.00 -5.05 10.50
BLUESTONE___WT_PWR 323821	50.48 -2.31 0.00	49.70 -1.96 0.00	49.10 -1.94 0.00	48.15 -2.04 0.00	46.70 -1.64 0.00	44.97 -1.13 0.00	46.91 -0.54 0.00	55.81 0.66 0.00	53.40 2.07 0.00	52.21 1.90 0.00	56.17 1.77 0.00	53.91 1.35 0.00	47.64 1.16 0.00	53.15 0.83 0.00	53.96 -0.17 0.00	51.86 0.08 0.00	50.95 -1.00 0.00	57.46 -1.40 0.00	53.12 -1.57 0.00	52.02 -1.51 0.00	49.54 -1.50 0.00	42.96 -1.31 0.00	40.93 -1.20 0.00	44.72 -1.84 0.00
BLUE_CIRC_CHEM_DRP 24182	54.28 1.50 0.00	53.19 1.53 0.00	52.57 1.52 0.00	51.71 1.52 0.00	49.79 1.46 0.00	47.48 1.38 0.00	48.69 1.23 0.00	56.56 1.40 0.00	52.57 1.24 0.00	51.33 1.02 0.00	55.52 1.13 0.00	53.53 0.98 0.00	47.33 0.86 0.00	53.28 0.96 0.00	55.24 1.11 0.00	52.99 1.20 0.00	53.37 1.42 0.00	60.47 1.61 0.00	56.16 1.46 0.00	55.09 1.56 0.00	52.61 1.57 0.00	45.71 1.44 0.00	43.64 1.51 0.00	48.35 1.80 0.00
BOC_GAS_DRP 24189	53.89 1.11 0.00	52.79 1.14 0.00	52.17 1.13 0.00	51.31 1.12 0.00	49.40 1.07 0.00	47.12 1.02 0.00	48.36 0.90 0.00	56.18 1.02 0.00	52.28 0.94 0.00	51.15 0.84 0.00	55.45 1.06 0.00	53.47 0.92 0.00	47.26 0.78 0.00	53.02 0.70 0.00	54.96 0.83 0.00	52.72 0.94 0.00	53.06 1.12 0.00	60.15 1.30 0.00	55.88 1.19 0.00	54.79 1.26 0.00	52.35 1.32 0.00	45.47 1.21 0.00	43.38 1.26 0.00	48.01 1.45 0.00
BOONVILLE_115KV_TB1 79983	53.17 0.39 0.00	51.85 0.20 0.00	51.16 0.11 0.00	50.33 0.14 0.00	48.46 0.13 0.00	46.27 0.18 0.00	48.06 0.60 0.00	56.56 1.41 0.00	52.72 1.39 0.00	51.56 1.25 0.00	55.64 1.25 0.00	53.80 1.25 0.00	47.18 0.70 0.00	53.78 1.47 0.00	55.40 1.27 0.00	52.47 0.69 0.00	52.61 0.66 0.00	59.44 0.59 0.00	55.22 0.52 0.00	53.95 0.42 0.00	51.27 0.23 0.00	44.40 0.14 0.00	42.21 0.08 0.00	46.47 -0.08 0.00
BORALEX_4TH_BRANCH 23824	55.39 2.61 0.00	54.29 2.64 0.00	53.73 2.68 0.00	52.90 2.72 0.00	50.95 2.62 0.00	48.62 2.52 0.00	50.04 2.58 0.00	58.13 2.98 0.00	53.96 2.63 0.00	52.41 2.10 0.00	56.77 2.37 0.00	54.55 2.00 0.00	48.43 1.95 0.00	54.30 1.98 0.00	56.43 2.30 0.00	54.33 2.55 0.00	54.60 2.65 0.00	61.81 2.96 0.00	57.58 2.88 0.00	56.51 2.98 0.00	54.16 3.12 0.00	47.05 2.79 0.00	44.68 2.56 0.00	49.47 2.91 0.00
BOWLINE___1 23526	54.98 2.19 0.00	53.75 2.09 0.00	53.09 2.05 0.00	52.10 1.91 0.00	50.15 1.81 0.00	47.89 1.80 0.00	49.35 1.89 0.00	57.24 2.09 0.00	53.20 1.87 0.00	52.17 1.85 0.00	56.57 2.18 0.00	54.56 2.00 0.00	48.14 1.66 0.00	53.91 1.59 0.00	55.87 1.74 0.00	53.72 1.94 0.00	54.17 2.22 0.00	61.52 2.67 0.00	57.21 2.51 0.00	56.17 2.64 0.00	53.72 2.68 0.00	46.68 2.42 0.00	44.47 2.35 0.00	49.00 2.45 0.00
BOWLINE___2 23595	54.91 2.13 0.00	53.69 2.03 0.00	53.04 1.99 0.00	52.05 1.86 0.00	50.11 1.77 0.00	47.85 1.76 0.00	49.30 1.84 0.00	57.15 1.99 0.00	53.12 1.78 0.00	52.10 1.79 0.00	56.50 2.10 0.00	54.48 1.93 0.00	48.09 1.62 0.00	53.84 1.52 0.00	55.80 1.67 0.00	53.63 1.85 0.00	54.09 2.14 0.00	61.42 2.57 0.00	57.13 2.43 0.00	56.09 2.56 0.00	53.65 2.61 0.00	46.63 2.37 0.00	44.43 2.30 0.00	48.96 2.40 0.00
BRADY___115KV_TB2 356060	54.71 1.93 0.00	53.54 1.88 0.00	52.84 1.79 0.00	52.03 1.84 0.00	50.08 1.75 0.00	47.69 1.59 0.00	49.05 1.60 0.00	57.17 2.02 0.00	53.30 1.96 0.00	52.13 1.82 0.00	56.29 1.90 0.00	54.49 1.94 0.00	48.56 2.08 0.00	54.92 2.60 0.00	56.66 2.53 0.00	53.74 1.96 0.00	53.87 1.92 0.00	60.93 2.08 0.00	56.62 1.93 0.00	55.29 1.76 0.00	52.54 1.50 0.00	45.41 1.14 0.00	43.12 0.99 0.00	47.65 1.09 0.00
BRANSCOMB___SOLAR 323811	55.14 2.36 0.00	54.02 2.36 0.00	53.42 2.38 0.00	52.57 2.38 0.00	50.68 2.34 0.00	48.38 2.29 0.00	49.83 2.38 0.00	57.95 2.80 0.00	53.66 2.33 0.00	52.14 1.82 0.00	56.32 1.92 0.00	54.21 1.66 0.00	48.01 1.54 0.00	54.27 1.96 0.00	56.62 2.49 0.00	54.33 2.55 0.00	54.77 2.82 0.00	62.08 3.23 0.00	57.70 3.01 0.00	56.53 3.01 0.00	53.92 2.88 0.00	46.80 2.54 0.00	44.44 2.31 0.00	49.13 2.58 0.00
BRDGHMPT_69_KV_BK1 55812	58.31 5.52 0.00	56.93 5.27 0.00	56.12 5.07 0.00	54.95 4.76 0.00	52.88 4.55 0.00	50.65 4.56 0.00	52.18 4.72 0.00	60.51 5.36 0.00	56.05 4.71 0.00	55.18 4.87 0.00	59.35 4.96 0.00	57.40 4.84 0.00	50.35 3.88 0.00	56.55 4.24 0.00	58.69 4.56 0.00	81.31 5.18 -24.35	89.10 5.45 -31.69	69.29 5.44 -4.99	106.20 5.40 -46.10	96.02 5.64 -36.86	102.98 5.89 -46.05	72.34 5.16 -22.91	83.78 5.31 -36.34	52.59 5.47 -0.56

BRENTWOD_69_KV_W. BRTWOOD 56703	57.10 4.32 0.00	55.75 4.09 0.00	54.95 3.90 0.00	53.81 3.62 0.00	51.74 3.41 0.00	49.55 3.45 0.00	50.97 3.51 0.00	59.03 3.88 0.00	54.74 3.41 0.00	54.08 3.77 0.00	58.29 3.89 0.00	56.38 3.82 0.00	49.46 2.98 0.00	55.54 3.23 0.00	57.82 3.69 0.00	80.63 4.15 -24.70	88.37 4.27 -32.15	68.20 4.28 -5.06	105.78 4.33 -46.76	95.40 4.49 -37.38	102.56 4.81 -46.71	71.73 4.23 -23.24	83.19 4.21 -36.86	51.42 4.30 -0.57
BRISTLHL_115KV_TB1 79998	50.59 -2.20 0.00	49.46 -2.20 0.00	48.88 -2.16 0.00	48.06 -2.13 0.00	46.30 -2.03 0.00	44.16 -1.94 0.00	45.51 -1.95 0.00	52.88 -2.28 0.00	49.21 -2.13 0.00	48.21 -2.10 0.00	52.05 -2.35 0.00	50.27 -2.28 0.00	44.48 -2.00 0.00	50.13 -2.18 0.00	51.77 -2.36 0.00	49.60 -2.18 0.00	49.81 -2.14 0.00	56.43 -2.43 0.00	52.44 -2.26 0.00	51.28 -2.25 0.00	48.84 -2.20 0.00	42.32 -1.94 0.00	40.30 -1.83 0.00	44.51 -2.04 0.00
BROOKHAVEN___DRP 24191	57.18 4.40 0.00	55.82 4.16 0.00	55.01 3.96 0.00	53.87 3.68 0.00	51.81 3.48 0.00	49.63 3.53 0.00	51.07 3.61 0.00	59.19 4.03 0.00	54.85 3.52 0.00	54.11 3.80 0.00	58.31 3.92 0.00	56.36 3.81 0.00	49.48 3.00 0.00	55.51 3.20 0.00	57.68 3.55 0.00	80.22 4.10 -24.34	87.75 4.12 -31.68	67.83 3.99 -4.99	104.84 4.06 -46.08	94.67 4.30 -36.84	101.70 4.61 -46.04	71.26 4.09 -22.90	82.71 4.26 -36.32	51.49 4.38 -0.56
BROOKLYN_NAVY_YARD 23515	55.56 2.78 0.00	54.25 2.59 0.00	53.56 2.52 0.00	52.49 2.30 0.00	50.52 2.18 0.00	48.27 2.17 0.00	49.77 2.32 0.00	57.72 2.57 0.00	53.67 2.34 0.00	52.71 2.40 0.00	57.18 2.78 0.00	55.19 2.63 0.00	48.68 2.20 0.00	54.50 2.18 0.00	56.51 2.38 0.00	54.32 2.54 0.00	54.79 2.84 0.00	62.15 3.30 0.00	57.85 3.15 0.00	56.88 3.36 0.00	54.42 3.37 0.00	47.26 3.00 0.00	45.01 2.89 0.00	49.54 2.99 0.00
BROOKLYN___ARMY_DRP 323595	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
BROOME_2_LFGE 323671	51.83 -0.95 0.00	50.66 -0.99 0.00	50.17 -0.88 0.00	49.26 -0.93 0.00	47.49 -0.85 0.00	45.25 -0.85 0.00	46.85 -0.60 0.00	54.24 -0.91 0.00	50.33 -1.00 0.00	49.26 -1.06 0.00	53.17 -1.22 0.00	51.36 -1.20 0.00	45.36 -1.12 0.00	51.16 -1.16 0.00	52.75 -1.37 0.00	50.64 -1.14 0.00	50.73 -1.22 0.00	57.43 -1.43 0.00	53.43 -1.26 0.00	52.27 -1.25 0.00	49.78 -1.26 0.00	43.16 -1.10 0.00	41.08 -1.04 0.00	45.39 -1.17 0.00
BROOME___LFGE 323600	51.83 -0.95 0.00	50.66 -0.99 0.00	50.17 -0.88 0.00	49.26 -0.93 0.00	47.49 -0.85 0.00	45.25 -0.85 0.00	46.85 -0.60 0.00	54.24 -0.91 0.00	50.33 -1.00 0.00	49.26 -1.06 0.00	53.17 -1.22 0.00	51.36 -1.20 0.00	45.36 -1.12 0.00	51.16 -1.16 0.00	52.75 -1.37 0.00	50.64 -1.14 0.00	50.73 -1.22 0.00	57.43 -1.43 0.00	53.43 -1.26 0.00	52.27 -1.25 0.00	49.78 -1.26 0.00	43.16 -1.10 0.00	41.08 -1.04 0.00	45.39 -1.17 0.00
BROWNFLS_115KV_TB 3_5 80003	52.79 0.01 0.00	51.51 -0.15 0.00	50.74 -0.31 0.00	49.97 -0.22 0.00	48.03 -0.31 0.00	45.73 -0.36 0.00	47.44 -0.02 0.00	56.05 0.89 0.00	52.36 1.02 0.00	51.21 0.90 0.00	55.28 0.88 0.00	53.66 1.10 0.00	47.20 0.73 0.00	54.01 1.69 0.00	55.45 1.33 0.00	52.24 0.46 0.00	51.91 -0.03 0.00	58.57 -0.28 0.00	54.39 -0.30 0.00	53.13 -0.39 0.00	50.28 -0.76 0.00	43.48 -0.79 0.00	41.32 -0.80 0.00	45.56 -1.00 0.00
BROWNSV1_27_KV_LOAD 356125	56.24 3.46 0.00	54.92 3.26 0.00	54.20 3.15 0.00	53.09 2.90 0.00	51.10 2.76 0.00	48.81 2.72 0.00	50.34 2.89 0.00	58.41 3.26 0.00	54.32 2.99 0.00	53.37 3.06 0.00	57.90 3.51 0.00	55.88 3.33 0.00	49.28 2.81 0.00	55.19 2.87 0.00	57.22 3.10 0.00	55.04 3.26 0.00	55.52 3.57 0.00	63.00 4.14 0.00	58.61 3.91 0.00	57.59 4.06 0.00	55.07 4.03 0.00	47.83 3.56 0.00	45.55 3.42 0.00	50.11 3.55 0.00
BURROWS___LYONSDAL 23803	52.79 0.00 0.00	51.43 -0.23 0.00	50.69 -0.36 0.00	49.87 -0.32 0.00	48.02 -0.32 0.00	45.86 -0.23 0.00	47.74 0.28 0.00	56.43 1.27 0.00	52.64 1.31 0.00	51.46 1.15 0.00	55.48 1.09 0.00	53.67 1.12 0.00	46.97 0.50 0.00	53.77 1.45 0.00	55.26 1.13 0.00	52.15 0.37 0.00	52.19 0.24 0.00	58.90 0.04 0.00	54.72 0.02 0.00	53.47 -0.06 0.00	50.76 -0.28 0.00	43.95 -0.31 0.00	41.78 -0.35 0.00	45.98 -0.57 0.00
CAITHNESS_CC_1 323624	56.99 4.21 0.00	55.65 3.99 0.00	54.84 3.79 0.00	53.70 3.51 0.00	51.65 3.31 0.00	49.48 3.38 0.00	50.90 3.44 0.00	58.98 3.82 0.00	54.67 3.34 0.00	53.95 3.64 0.00	58.15 3.76 0.00	56.20 3.65 0.00	49.36 2.89 0.00	55.39 3.07 0.00	57.52 3.38 0.00	80.05 3.93 -24.33	87.60 3.98 -31.67	67.72 3.88 -4.99	104.73 3.97 -46.07	94.54 4.18 -36.83	101.56 4.49 -46.02	71.16 4.00 -22.90	82.55 4.12 -36.31	51.35 4.24 -0.56
CALPINE BETH_PAGE_GT4 24209	56.28 3.50 0.00	54.95 3.30 0.00	54.17 3.13 0.00	53.06 2.88 0.00	51.05 2.72 0.00	48.84 2.74 0.00	50.20 2.74 0.00	58.17 3.01 0.00	54.02 2.68 0.00	53.27 2.96 0.00	57.57 3.18 0.00	55.65 3.10 0.00	48.89 2.41 0.00	54.83 2.52 0.00	56.86 2.73 0.00	84.41 3.09 -29.53	93.63 3.25 -38.44	68.40 3.50 -6.05	114.13 3.53 -55.90	101.85 3.62 -44.70	110.64 3.75 -55.85	75.35 3.30 -27.78	89.54 3.35 -44.07	50.77 3.54 -0.68
CALPINE_BETH_PAGE_GT_4 323586	56.28 3.50 0.00	54.95 3.30 0.00	54.18 3.13 0.00	53.06 2.87 0.00	51.05 2.72 0.00	48.84 2.75 0.00	50.20 2.74 0.00	58.17 3.01 0.00	54.02 2.68 0.00	53.27 2.96 0.00	57.57 3.17 0.00	55.65 3.10 0.00	48.89 2.41 0.00	54.83 2.52 0.00	56.84 2.71 0.00	84.40 3.08 -29.53	93.63 3.24 -38.44	68.38 3.48 -6.05	114.13 3.53 -55.90	101.84 3.62 -44.70	110.63 3.74 -55.85	75.33 3.28 -27.78	89.54 3.34 -44.07	50.77 3.54 -0.68
CALPINE_BP_GT1 23823	56.28 3.50 0.00	54.95 3.30 0.00	54.18 3.13 0.00	53.06 2.87 0.00	51.05 2.72 0.00	48.84 2.75 0.00	50.20 2.74 0.00	58.17 3.01 0.00	54.02 2.68 0.00	53.27 2.96 0.00	57.57 3.17 0.00	55.65 3.10 0.00	48.89 2.41 0.00	54.83 2.52 0.00	56.84 2.71 0.00	84.40 3.08 -29.53	93.63 3.24 -38.44	68.38 3.48 -6.05	114.13 3.53 -55.90	101.84 3.62 -44.70	110.63 3.74 -55.85	75.33 3.28 -27.78	89.54 3.34 -44.07	50.77 3.54 -0.68
CALSPAN___DRP 24200	49.88 -2.90 0.00	48.74 -2.92 0.00	48.32 -2.73 0.00	47.56 -2.63 0.00	45.98 -2.36 0.00	43.41 -2.69 0.00	44.79 -2.67 0.00	50.96 -4.20 0.00	47.11 -4.23 0.00	46.25 -3.96 0.10	49.47 -4.81 0.12	48.51 -4.05 0.00	42.75 -3.61 0.12	48.18 -3.99 0.14	48.80 -4.43 0.89	38.81 -4.15 8.82	29.81 -4.60 17.54	34.90 -5.35 18.61	31.65 -4.82 18.22	29.28 -5.16 19.09	27.26 -5.22 18.56	22.30 -4.60 17.36	21.31 -4.21 16.60	25.61 -4.22 16.72

CALVERTON___SOLAR 323806	57.39 4.60 0.00	56.02 4.36 0.00	55.22 4.17 0.00	54.06 3.87 0.00	52.00 3.67 0.00	49.81 3.71 0.00	51.26 3.81 0.00	59.42 4.26 0.00	55.07 3.73 0.00	54.28 3.97 0.00	58.47 4.07 0.00	56.51 3.96 0.00	49.60 3.12 0.00	55.66 3.34 0.00	57.78 3.65 0.00	80.36 4.24 -24.34	87.94 4.30 -31.69	67.97 4.12 -4.99	104.98 4.20 -46.09	94.82 4.45 -36.85	101.84 4.75 -46.04	71.39 4.22 -22.91	82.87 4.42 -36.33	51.65 4.54 -0.56
CANDIGU_WT_PWR 323617	48.50 -4.29 0.00	47.45 -4.20 0.00	47.25 -3.80 0.00	46.66 -3.53 0.00	45.51 -2.82 0.00	43.79 -2.31 0.00	45.81 -1.65 0.00	52.71 -2.44 0.00	48.15 -3.18 0.00	46.08 -3.65 0.57	49.17 -4.51 0.71	48.30 -4.25 0.00	41.68 -4.12 0.68	46.59 -4.93 0.79	43.39 -5.58 5.16	-4.46 -5.16 51.09	-55.00 -5.39 101.56	-55.00 -6.09 107.77	-56.20 -5.35 105.54	-62.22 -5.19 110.56	-61.62 -5.05 107.61	-61.24 -4.45 101.06	-58.54 -4.18 96.48	-55.00 -4.71 96.84
CARR STREET_E_SYR 24060	51.25 -1.53 0.00	50.12 -1.54 0.00	49.54 -1.51 0.00	48.68 -1.51 0.00	46.92 -1.42 0.00	44.72 -1.38 0.00	46.11 -1.34 0.00	53.53 -1.63 0.00	49.78 -1.55 0.00	48.76 -1.55 0.00	52.63 -1.76 0.00	50.85 -1.70 0.00	44.98 -1.49 0.00	50.71 -1.60 0.00	52.38 -1.75 0.00	50.20 -1.58 0.00	50.39 -1.56 0.00	57.08 -1.77 0.00	53.04 -1.66 0.00	51.85 -1.68 0.00	49.40 -1.64 0.00	42.80 -1.46 0.00	40.75 -1.38 0.00	45.04 -1.52 0.00
CARTHAGE___PAPER 23857	52.27 -0.51 0.00	50.93 -0.73 0.00	50.15 -0.89 0.00	49.43 -0.76 0.00	47.51 -0.83 0.00	45.34 -0.76 0.00	47.35 -0.10 0.00	56.61 1.46 0.00	52.87 1.53 0.00	51.42 1.11 0.00	55.56 1.16 0.00	53.80 1.24 0.00	46.92 0.44 0.00	54.36 2.05 0.00	55.52 1.39 0.00	52.07 0.28 0.00	51.83 -0.12 0.00	58.50 -0.36 0.00	54.30 -0.40 0.00	53.06 -0.47 0.00	50.08 -0.96 0.00	43.29 -0.98 0.00	41.13 -0.99 0.00	45.19 -1.36 0.00
CASSADAGA_WT_PWR 323784	49.90 -2.89 0.00	49.08 -2.57 0.00	49.39 -1.66 0.00	48.78 -1.41 0.00	47.27 -1.07 0.00	44.74 -1.36 0.00	46.71 -0.74 0.00	52.01 -3.14 0.00	47.17 -4.17 0.00	45.90 -4.35 0.07	49.20 -5.11 0.08	47.80 -4.75 0.00	41.84 -4.55 0.08	46.93 -5.29 0.09	47.64 -5.88 0.61	40.82 -4.91 6.05	34.04 -5.88 12.03	39.21 -6.88 12.76	35.98 -6.22 12.50	34.14 -6.30 13.09	32.12 -6.19 12.73	26.83 -5.52 11.91	25.73 -5.01 11.39	29.91 -5.17 11.47
CE_DUNWOOD___DRP 24194	55.34 2.56 0.00	54.09 2.44 0.00	53.43 2.38 0.00	52.39 2.20 0.00	50.43 2.09 0.00	48.16 2.06 0.00	49.63 2.17 0.00	57.58 2.43 0.00	53.54 2.20 0.00	52.53 2.22 0.00	57.00 2.60 0.00	55.00 2.44 0.00	48.51 2.03 0.00	54.33 2.01 0.00	56.35 2.22 0.00	54.18 2.40 0.00	54.63 2.69 0.00	62.00 3.15 0.00	57.66 2.96 0.00	56.62 3.10 0.00	54.17 3.13 0.00	47.06 2.80 0.00	44.83 2.70 0.00	49.37 2.81 0.00
CE_MILLWOOD___DRP 24193	55.24 2.45 0.00	53.99 2.33 0.00	53.32 2.28 0.00	52.29 2.11 0.00	50.34 2.01 0.00	48.07 1.98 0.00	49.54 2.08 0.00	57.48 2.32 0.00	53.44 2.11 0.00	52.43 2.12 0.00	56.88 2.48 0.00	54.88 2.32 0.00	48.41 1.93 0.00	54.21 1.90 0.00	56.22 2.10 0.00	54.05 2.27 0.00	54.51 2.56 0.00	61.87 3.02 0.00	57.53 2.84 0.00	56.50 2.97 0.00	54.05 3.00 0.00	46.96 2.70 0.00	44.74 2.61 0.00	49.27 2.72 0.00
CE_NYC2_DRP 24202	55.80 3.01 0.00	54.52 2.86 0.00	53.79 2.75 0.00	52.73 2.54 0.00	50.74 2.41 0.00	48.46 2.36 0.00	49.91 2.45 0.00	57.84 2.68 0.00	53.84 2.50 0.00	52.95 2.64 0.00	57.45 3.06 0.00	55.55 3.00 0.00	48.96 2.48 0.00	54.79 2.48 0.00	56.80 2.67 0.00	54.62 2.84 0.00	55.02 3.07 0.00	62.40 3.54 0.00	58.10 3.41 0.00	57.10 3.57 0.00	54.63 3.59 0.00	47.47 3.20 0.00	45.22 3.09 0.00	49.74 3.19 0.00
CE_NYC_DRP 24195	55.71 2.93 0.00	54.41 2.75 0.00	53.70 2.65 0.00	52.63 2.44 0.00	50.64 2.30 0.00	48.38 2.29 0.00	49.87 2.42 0.00	57.86 2.71 0.00	53.81 2.47 0.00	52.86 2.55 0.00	57.37 2.98 0.00	55.35 2.80 0.00	48.82 2.35 0.00	54.66 2.35 0.00	56.69 2.56 0.00	54.51 2.73 0.00	54.97 3.02 0.00	62.38 3.52 0.00	58.02 3.33 0.00	57.01 3.48 0.00	54.53 3.49 0.00	47.37 3.10 0.00	45.12 3.00 0.00	49.64 3.09 0.00
CHAFFEE___LFGE 323603	50.33 -2.45 0.00	49.16 -2.50 0.00	48.73 -2.32 0.00	47.93 -2.26 0.00	46.32 -2.01 0.00	43.72 -2.38 0.00	45.14 -2.31 0.00	51.42 -3.74 0.00	47.56 -3.77 0.00	46.69 -3.54 0.08	49.95 -4.34 0.10	48.93 -3.63 0.00	43.15 -3.23 0.09	48.67 -3.54 0.11	49.50 -3.91 0.72	41.04 -3.58 7.16	33.70 -4.01 14.24	39.10 -4.64 15.11	35.72 -4.18 14.80	33.53 -4.49 15.51	31.39 -4.58 15.07	26.15 -4.02 14.09	24.99 -3.66 13.48	29.23 -3.74 13.58
CHATEAUG_35_KV_LOAD 355732	52.63 -0.15 0.00	51.56 -0.10 0.00	50.93 -0.12 0.00	50.14 -0.04 0.00	48.28 -0.05 0.00	46.01 -0.08 0.00	47.50 0.05 0.00	55.56 0.40 0.00	52.19 0.86 0.00	51.58 1.27 0.00	55.84 1.45 0.00	54.04 1.48 0.00	47.94 1.47 0.00	54.22 1.91 0.00	56.02 1.89 0.00	52.98 1.19 0.00	52.43 0.48 0.00	59.49 0.63 0.00	54.99 0.29 0.00	53.54 0.02 0.00	51.03 -0.01 0.00	44.06 -0.20 0.00	41.74 -0.39 0.00	46.25 -0.30 0.00
CHATEAUG_WT_PWR 323614	52.55 -0.23 0.00	51.48 -0.17 0.00	50.85 -0.19 0.00	50.06 -0.13 0.00	48.19 -0.14 0.00	45.95 -0.14 0.00	47.42 -0.04 0.00	55.45 0.29 0.00	52.03 0.70 0.00	51.44 1.13 0.00	55.72 1.32 0.00	53.91 1.36 0.00	47.80 1.32 0.00	53.99 1.67 0.00	55.80 1.67 0.00	52.80 1.02 0.00	52.28 0.33 0.00	59.31 0.46 0.00	54.85 0.15 0.00	53.41 -0.12 0.00	50.92 -0.12 0.00	43.98 -0.28 0.00	41.66 -0.47 0.00	46.19 -0.37 0.00
CHAT_HIGH_FALL_HYD 323578	52.63 -0.15 0.00	51.56 -0.10 0.00	50.93 -0.12 0.00	50.14 -0.04 0.00	48.28 -0.05 0.00	46.01 -0.08 0.00	47.50 0.05 0.00	55.56 0.40 0.00	52.19 0.86 0.00	51.58 1.27 0.00	55.84 1.45 0.00	54.04 1.48 0.00	47.94 1.47 0.00	54.22 1.91 0.00	56.02 1.89 0.00	52.98 1.19 0.00	52.43 0.48 0.00	59.49 0.63 0.00	54.99 0.29 0.00	53.54 0.02 0.00	51.03 -0.01 0.00	44.06 -0.20 0.00	41.74 -0.39 0.00	46.25 -0.30 0.00
CHAUTAUQUA___LFGE 323629	49.66 -3.12 0.00	48.68 -2.97 0.00	48.68 -2.37 0.00	48.01 -2.18 0.00	46.46 -1.88 0.00	43.94 -2.15 0.00	45.94 -1.51 0.00	51.57 -3.58 0.00	47.03 -4.30 0.00	45.82 -4.41 0.08	49.16 -5.13 0.10	47.88 -4.67 0.00	42.01 -4.37 0.10	47.39 -4.81 0.12	48.02 -5.36 0.75	39.59 -4.72 7.48	31.73 -5.35 14.87	36.85 -6.22 15.78	33.66 -5.58 15.46	31.64 -5.70 16.19	29.61 -5.69 15.75	24.47 -5.05 14.74	23.40 -4.64 14.09	27.58 -4.79 14.18
CHERRYST_13_KV_LD 356241	55.87 3.08 0.00	54.55 2.90 0.00	53.85 2.80 0.00	52.78 2.59 0.00	50.78 2.44 0.00	48.50 2.41 0.00	50.01 2.56 0.00	58.02 2.87 0.00	53.95 2.62 0.00	53.01 2.70 0.00	57.54 3.14 0.00	55.52 2.96 0.00	48.97 2.49 0.00	54.83 2.52 0.00	56.86 2.73 0.00	54.67 2.89 0.00	55.13 3.18 0.00	62.55 3.70 0.00	58.19 3.49 0.00	57.17 3.64 0.00	54.67 3.63 0.00	47.49 3.23 0.00	45.23 3.10 0.00	49.78 3.23 0.00

CHESTROR_138KV_BK263 355645	54.73 1.95 0.00	53.52 1.86 0.00	52.87 1.82 0.00	51.90 1.71 0.00	49.96 1.63 0.00	47.71 1.62 0.00	49.16 1.70 0.00	57.06 1.90 0.00	53.03 1.70 0.00	51.95 1.64 0.00	56.28 1.88 0.00	54.34 1.79 0.00	47.89 1.41 0.00	53.66 1.34 0.00	55.67 1.54 0.00	53.53 1.75 0.00	54.00 2.05 0.00	61.31 2.46 0.00	57.01 2.32 0.00	55.95 2.43 0.00	53.49 2.45 0.00	46.45 2.18 0.00	44.24 2.11 0.00	48.74 2.18 0.00
CH_MIDHUDSON___DRP 24192	55.20 2.41 0.00	53.98 2.32 0.00	53.31 2.27 0.00	52.34 2.15 0.00	50.38 2.05 0.00	48.11 2.01 0.00	49.57 2.12 0.00	57.57 2.42 0.00	53.53 2.20 0.00	52.43 2.12 0.00	56.95 2.55 0.00	55.00 2.44 0.00	48.50 2.02 0.00	54.30 1.98 0.00	56.38 2.25 0.00	54.20 2.42 0.00	54.64 2.69 0.00	62.04 3.19 0.00	57.66 2.96 0.00	56.61 3.08 0.00	54.13 3.09 0.00	47.01 2.74 0.00	44.75 2.62 0.00	49.30 2.75 0.00
CH_MISC_IPPS 23765	55.51 2.72 0.00	54.26 2.61 0.00	53.60 2.55 0.00	52.62 2.43 0.00	50.65 2.32 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.90 2.75 0.00	53.82 2.49 0.00	52.71 2.40 0.00	57.22 2.83 0.00	55.26 2.71 0.00	48.70 2.22 0.00	54.54 2.23 0.00	56.64 2.51 0.00	54.47 2.69 0.00	54.95 3.00 0.00	62.39 3.54 0.00	57.99 3.29 0.00	56.92 3.39 0.00	54.42 3.37 0.00	47.24 2.98 0.00	44.96 2.83 0.00	49.53 2.97 0.00
CH_RES_BVR_FALLS 23983	52.71 -0.08 0.00	51.58 -0.07 0.00	50.97 -0.08 0.00	50.14 -0.05 0.00	48.28 -0.05 0.00	46.04 -0.05 0.00	47.40 -0.06 0.00	55.09 -0.06 0.00	51.32 -0.01 0.00	50.31 0.00 0.00	54.40 0.00 0.00	52.55 0.00 0.00	46.50 0.02 0.00	52.37 0.05 0.00	54.18 0.06 0.00	51.77 -0.01 0.00	51.89 -0.06 0.00	58.79 -0.06 0.00	54.63 -0.07 0.00	53.42 -0.11 0.00	50.94 -0.10 0.00	44.18 -0.09 0.00	42.00 -0.12 0.00	46.44 -0.12 0.00
CH_RES_NIAGARA 23895	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
CH_RES_SYRACUSE 23985	51.68 -1.11 0.00	50.54 -1.12 0.00	49.99 -1.06 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.13 -0.97 0.00	46.57 -0.88 0.00	54.08 -1.08 0.00	50.25 -1.08 0.00	49.22 -1.09 0.00	53.09 -1.30 0.00	51.23 -1.32 0.00	45.39 -1.08 0.00	51.19 -1.12 0.00	52.84 -1.29 0.00	50.66 -1.12 0.00	50.87 -1.08 0.00	57.62 -1.23 0.00	53.55 -1.15 0.00	52.33 -1.19 0.00	49.87 -1.17 0.00	43.20 -1.06 0.00	41.10 -1.03 0.00	45.41 -1.15 0.00
CLINTON_WT_PWR 323605	52.55 -0.23 0.00	51.48 -0.17 0.00	50.85 -0.19 0.00	50.06 -0.13 0.00	48.19 -0.14 0.00	45.95 -0.14 0.00	47.42 -0.04 0.00	55.45 0.29 0.00	52.03 0.70 0.00	51.44 1.13 0.00	55.72 1.32 0.00	53.91 1.36 0.00	47.80 1.32 0.00	53.99 1.67 0.00	55.80 1.67 0.00	52.80 1.02 0.00	52.28 0.33 0.00	59.31 0.46 0.00	54.85 0.15 0.00	53.41 -0.12 0.00	50.92 -0.12 0.00	43.98 -0.28 0.00	41.66 -0.47 0.00	46.19 -0.37 0.00
CLINTON___LFGE 323618	53.45 0.67 0.00	52.36 0.70 0.00	51.73 0.69 0.00	50.91 0.72 0.00	49.04 0.70 0.00	46.79 0.69 0.00	48.30 0.85 0.00	56.50 1.35 0.00	53.00 1.66 0.00	52.25 1.94 0.00	56.54 2.15 0.00	54.73 2.17 0.00	48.57 2.10 0.00	55.04 2.73 0.00	56.91 2.78 0.00	53.91 2.12 0.00	53.33 1.38 0.00	60.52 1.66 0.00	56.08 1.38 0.00	54.61 1.08 0.00	51.99 0.95 0.00	44.90 0.64 0.00	42.46 0.33 0.00	47.02 0.46 0.00
COBBLENY_34_KV_TB1 80064	50.33 -2.45 0.00	49.15 -2.51 0.00	48.73 -2.32 0.00	47.93 -2.26 0.00	46.31 -2.02 0.00	43.73 -2.37 0.00	45.14 -2.32 0.00	51.42 -3.74 0.00	47.56 -3.77 0.00	46.70 -3.53 0.08	49.96 -4.34 0.10	48.95 -3.60 0.00	43.19 -3.19 0.09	48.68 -3.52 0.11	49.46 -3.94 0.72	40.97 -3.65 7.16	33.64 -4.07 14.24	39.00 -4.74 15.11	35.64 -4.26 14.80	33.41 -4.61 15.51	31.25 -4.72 15.07	25.97 -4.20 14.09	24.81 -3.84 13.48	29.13 -3.84 13.58
COFFEEN___115KV_TB3 355620	51.67 -1.11 0.00	50.38 -1.27 0.00	49.67 -1.37 0.00	48.97 -1.22 0.00	47.11 -1.22 0.00	44.95 -1.15 0.00	46.95 -0.50 0.00	56.24 1.08 0.00	52.49 1.15 0.00	50.89 0.58 0.00	55.08 0.69 0.00	53.28 0.73 0.00	46.34 -0.13 0.00	54.06 1.74 0.00	55.08 0.95 0.00	51.75 -0.03 0.00	51.59 -0.36 0.00	58.33 -0.53 0.00	54.12 -0.57 0.00	52.91 -0.62 0.00	49.78 -1.26 0.00	42.97 -1.29 0.00	40.78 -1.34 0.00	44.77 -1.78 0.00
COLDSPRG_115KV_BK1 355956	51.57 -1.21 0.00	50.50 -1.16 0.00	50.41 -0.64 0.00	49.61 -0.57 0.00	48.03 -0.30 0.00	45.42 -0.68 0.00	47.34 -0.12 0.00	53.38 -1.77 0.00	48.89 -2.45 0.00	47.81 -2.46 0.04	51.28 -3.06 0.05	49.90 -2.65 0.00	43.92 -2.51 0.05	49.33 -2.93 0.06	50.38 -3.36 0.38	45.22 -2.78 3.79	40.99 -3.42 7.53	46.75 -4.11 7.99	43.19 -3.67 7.83	41.45 -3.87 8.20	39.08 -3.99 7.97	33.26 -3.56 7.44	31.78 -3.23 7.12	36.15 -3.22 7.19
COLONIE_LFGE___ 323577	54.54 1.76 0.00	53.46 1.80 0.00	52.86 1.81 0.00	52.00 1.81 0.00	50.08 1.75 0.00	47.81 1.72 0.00	49.14 1.69 0.00	57.12 1.97 0.00	53.05 1.71 0.00	51.69 1.38 0.00	55.97 1.58 0.00	53.90 1.34 0.00	47.72 1.25 0.00	53.62 1.31 0.00	55.78 1.65 0.00	53.55 1.77 0.00	53.94 1.98 0.00	61.14 2.28 0.00	56.85 2.16 0.00	55.74 2.21 0.00	53.26 2.22 0.00	46.27 2.01 0.00	44.00 1.88 0.00	48.69 2.14 0.00
COOPERNY_115KV_TB1 80082	54.10 1.32 0.00	52.91 1.26 0.00	52.29 1.24 0.00	51.34 1.15 0.00	49.45 1.11 0.00	47.19 1.09 0.00	48.63 1.18 0.00	56.44 1.28 0.00	52.45 1.12 0.00	51.40 1.09 0.00	55.65 1.26 0.00	53.74 1.19 0.00	47.42 0.94 0.00	53.18 0.87 0.00	55.12 1.00 0.00	52.93 1.15 0.00	53.33 1.37 0.00	60.51 1.66 0.00	56.26 1.56 0.00	55.17 1.64 0.00	52.70 1.66 0.00	45.75 1.49 0.00	43.57 1.45 0.00	48.03 1.47 0.00
COPENHAGEN_WT_PWR 323753	50.73 -2.05 0.00	49.48 -2.18 0.00	48.79 -2.25 0.00	48.11 -2.08 0.00	46.28 -2.05 0.00	44.16 -1.93 0.00	46.18 -1.28 0.00	55.63 0.48 0.00	51.99 0.66 0.00	50.61 0.30 0.00	54.67 0.27 0.00	52.84 0.28 0.00	45.84 -0.63 0.00	53.48 1.17 0.00	54.44 0.31 0.00	50.88 -0.91 0.00	50.59 -1.36 0.00	57.10 -1.76 0.00	52.97 -1.73 0.00	51.83 -1.70 0.00	48.88 -2.17 0.00	42.22 -2.05 0.00	40.10 -2.03 0.00	44.03 -2.52 0.00
CORNELL_____ 23752	52.68 -0.11 0.00	51.48 -0.17 0.00	50.96 -0.08 0.00	50.06 -0.13 0.00	48.28 -0.05 0.00	46.08 -0.01 0.00	47.71 0.25 0.00	55.47 0.31 0.00	51.56 0.23 0.00	50.45 0.11 -0.04	54.12 -0.32 -0.04	51.85 -0.70 0.00	46.28 -0.23 -0.04	52.29 -0.08 -0.05	54.07 -0.38 -0.31	54.76 -0.14 -3.11	58.06 -0.08 -6.19	65.30 -0.12 -6.57	61.02 -0.11 -6.43	60.10 -0.17 -6.74	57.36 -0.24 -6.56	50.15 -0.27 -6.16	47.69 -0.32 -5.88	52.02 -0.44 -5.90

CORONA__69_KV_TB1 355595	56.20 3.42 0.00	54.87 3.21 0.00	54.10 3.05 0.00	53.02 2.83 0.00	51.02 2.69 0.00	48.79 2.70 0.00	50.23 2.77 0.00	58.24 3.09 0.00	54.10 2.76 0.00	53.28 2.97 0.00	57.70 3.31 0.00	55.75 3.20 0.00	49.05 2.58 0.00	55.04 2.72 0.00	57.20 3.06 0.00	105.17 3.36 -50.02	120.57 3.51 -65.11	73.01 3.90 -10.25	153.24 3.85 -94.70	133.22 3.98 -75.71	149.70 4.04 -94.61	94.94 3.61 -47.07	120.25 3.48 -74.65	51.31 3.61 -1.15
CORTLAND__115KV_TB3 80093	52.39 -0.40 0.00	51.22 -0.44 0.00	50.67 -0.38 0.00	49.78 -0.41 0.00	47.99 -0.34 0.00	45.77 -0.32 0.00	47.34 -0.12 0.00	54.98 -0.17 0.00	51.11 -0.22 0.00	50.01 -0.30 0.00	53.89 -0.51 0.00	51.86 -0.69 0.00	45.94 -0.54 0.00	51.89 -0.43 0.00	53.56 -0.57 0.00	51.36 -0.42 0.00	51.57 -0.38 0.00	58.41 -0.45 0.00	54.28 -0.42 0.00	53.07 -0.46 0.00	50.54 -0.50 0.00	43.78 -0.48 0.00	41.65 -0.48 0.00	45.96 -0.59 0.00
COXSACKIE__GT 23611	56.66 3.88 0.00	55.47 3.81 0.00	54.84 3.79 0.00	53.95 3.76 0.00	51.99 3.65 0.00	49.62 3.53 0.00	50.93 3.47 0.00	59.47 4.31 0.00	55.23 3.90 0.00	53.36 3.05 0.00	57.27 2.88 0.00	54.83 2.28 0.00	48.39 1.92 0.00	55.27 2.95 0.00	57.89 3.76 0.00	55.68 3.89 0.00	56.14 4.20 0.00	63.88 5.03 0.00	59.30 4.61 0.00	58.00 4.47 0.00	55.26 4.22 0.00	47.92 3.65 0.00	45.67 3.54 0.00	50.53 3.97 0.00
CPV_VALLEY__CC1 323721	54.29 1.50 0.00	53.08 1.43 0.00	52.46 1.41 0.00	51.49 1.31 0.00	49.58 1.24 0.00	47.34 1.24 0.00	48.76 1.31 0.00	56.59 1.43 0.00	52.61 1.28 0.00	51.56 1.25 0.00	55.86 1.46 0.00	53.92 1.37 0.00	47.57 1.09 0.00	53.31 0.99 0.00	55.27 1.14 0.00	53.10 1.32 0.00	53.53 1.59 0.00	60.76 1.91 0.00	56.49 1.79 0.00	55.44 1.92 0.00	53.00 1.96 0.00	46.02 1.76 0.00	43.84 1.71 0.00	48.31 1.75 0.00
CPV_VALLEY__CC2 323722	54.29 1.50 0.00	53.08 1.43 0.00	52.46 1.41 0.00	51.49 1.31 0.00	49.58 1.24 0.00	47.34 1.24 0.00	48.76 1.31 0.00	56.59 1.43 0.00	52.61 1.28 0.00	51.56 1.25 0.00	55.86 1.46 0.00	53.92 1.37 0.00	47.57 1.09 0.00	53.31 0.99 0.00	55.27 1.14 0.00	53.10 1.32 0.00	53.53 1.59 0.00	60.76 1.91 0.00	56.49 1.79 0.00	55.44 1.92 0.00	53.00 1.96 0.00	46.02 1.76 0.00	43.84 1.71 0.00	48.31 1.75 0.00
CRESCENT__HYD 24018	54.54 1.76 0.00	53.46 1.80 0.00	52.86 1.81 0.00	52.00 1.81 0.00	50.08 1.75 0.00	47.81 1.72 0.00	49.14 1.69 0.00	57.12 1.97 0.00	53.05 1.71 0.00	51.69 1.38 0.00	55.97 1.58 0.00	53.90 1.34 0.00	47.72 1.25 0.00	53.62 1.31 0.00	55.78 1.65 0.00	53.55 1.77 0.00	53.94 1.98 0.00	61.14 2.28 0.00	56.85 2.16 0.00	55.74 2.21 0.00	53.26 2.22 0.00	46.27 2.01 0.00	44.00 1.88 0.00	48.69 2.14 0.00
CRICKET__VALLEY_CC1 323756	54.52 1.73 0.00	53.33 1.68 0.00	52.71 1.67 0.00	51.83 1.64 0.00	49.86 1.53 0.00	47.59 1.49 0.00	48.99 1.54 0.00	56.89 1.74 0.00	52.89 1.56 0.00	51.76 1.45 0.00	56.33 1.93 0.00	54.39 1.84 0.00	48.04 1.57 0.00	53.78 1.47 0.00	55.80 1.67 0.00	53.61 1.83 0.00	54.00 2.05 0.00	61.30 2.45 0.00	56.98 2.28 0.00	56.04 2.51 0.00	53.63 2.59 0.00	46.58 2.32 0.00	44.36 2.24 0.00	48.94 2.38 0.00
CRICKET__VALLEY_CC2 323757	54.52 1.73 0.00	53.33 1.68 0.00	52.71 1.67 0.00	51.83 1.64 0.00	49.86 1.53 0.00	47.59 1.49 0.00	48.99 1.54 0.00	56.89 1.74 0.00	52.89 1.56 0.00	51.76 1.45 0.00	56.33 1.93 0.00	54.39 1.84 0.00	48.04 1.57 0.00	53.78 1.47 0.00	55.80 1.67 0.00	53.61 1.83 0.00	54.00 2.05 0.00	61.30 2.45 0.00	56.98 2.28 0.00	56.04 2.51 0.00	53.63 2.59 0.00	46.58 2.32 0.00	44.36 2.24 0.00	48.94 2.38 0.00
CRICKET__VALLEY_CC3 323758	54.52 1.73 0.00	53.33 1.68 0.00	52.71 1.67 0.00	51.83 1.64 0.00	49.86 1.53 0.00	47.59 1.49 0.00	48.99 1.54 0.00	56.89 1.74 0.00	52.89 1.56 0.00	51.76 1.45 0.00	56.33 1.93 0.00	54.39 1.84 0.00	48.04 1.57 0.00	53.78 1.47 0.00	55.80 1.67 0.00	53.61 1.83 0.00	54.00 2.05 0.00	61.30 2.45 0.00	56.98 2.28 0.00	56.04 2.51 0.00	53.63 2.59 0.00	46.58 2.32 0.00	44.36 2.24 0.00	48.94 2.38 0.00
CRUCIBLE__METL_DRP 24180	51.68 -1.10 0.00	50.54 -1.12 0.00	49.99 -1.06 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.13 -0.97 0.00	46.58 -0.88 0.00	54.08 -1.08 0.00	50.26 -1.08 0.00	49.22 -1.09 0.00	53.10 -1.30 0.00	51.23 -1.32 0.00	45.40 -1.07 0.00	51.19 -1.12 0.00	52.84 -1.29 0.00	50.67 -1.12 0.00	50.87 -1.08 0.00	57.62 -1.23 0.00	53.55 -1.15 0.00	52.33 -1.19 0.00	49.86 -1.18 0.00	43.21 -1.06 0.00	41.10 -1.03 0.00	45.41 -1.15 0.00
DAHOWA__HYDRO 323763	55.35 2.57 0.00	54.23 2.57 0.00	53.64 2.59 0.00	52.79 2.60 0.00	50.89 2.56 0.00	48.60 2.51 0.00	50.06 2.61 0.00	58.24 3.08 0.00	53.91 2.58 0.00	52.34 2.03 0.00	56.54 2.15 0.00	54.40 1.85 0.00	48.19 1.71 0.00	54.54 2.22 0.00	56.91 2.78 0.00	54.62 2.84 0.00	55.07 3.12 0.00	62.41 3.56 0.00	58.02 3.32 0.00	56.84 3.31 0.00	54.18 3.14 0.00	47.02 2.75 0.00	44.63 2.50 0.00	49.33 2.77 0.00
DANC__LFGE 323619	50.93 -1.86 0.00	49.70 -1.95 0.00	49.04 -2.00 0.00	48.29 -1.90 0.00	46.49 -1.85 0.00	44.34 -1.75 0.00	46.12 -1.34 0.00	54.72 -0.44 0.00	51.07 -0.26 0.00	49.81 -0.50 0.00	53.87 -0.53 0.00	52.05 -0.51 0.00	45.48 -0.99 0.00	52.40 0.09 0.00	53.63 -0.50 0.00	50.61 -1.18 0.00	50.50 -1.45 0.00	57.02 -1.84 0.00	52.90 -1.79 0.00	51.76 -1.77 0.00	49.05 -1.99 0.00	42.40 -1.86 0.00	40.33 -1.80 0.00	44.40 -2.15 0.00
DANSKAMMER__1 23586	55.51 2.72 0.00	54.26 2.61 0.00	53.60 2.55 0.00	52.62 2.43 0.00	50.65 2.32 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.90 2.75 0.00	53.82 2.49 0.00	52.71 2.40 0.00	57.22 2.83 0.00	55.26 2.71 0.00	48.70 2.22 0.00	54.54 2.23 0.00	56.64 2.51 0.00	54.47 2.69 0.00	54.95 3.00 0.00	62.39 3.54 0.00	57.99 3.29 0.00	56.92 3.39 0.00	54.42 3.37 0.00	47.24 2.98 0.00	44.96 2.83 0.00	49.53 2.97 0.00
DANSKAMMER__2 23589	55.51 2.72 0.00	54.26 2.61 0.00	53.60 2.55 0.00	52.62 2.43 0.00	50.65 2.32 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.90 2.75 0.00	53.82 2.49 0.00	52.71 2.40 0.00	57.22 2.83 0.00	55.26 2.71 0.00	48.70 2.22 0.00	54.54 2.23 0.00	56.64 2.51 0.00	54.47 2.69 0.00	54.95 3.00 0.00	62.39 3.54 0.00	57.99 3.29 0.00	56.92 3.39 0.00	54.42 3.37 0.00	47.24 2.98 0.00	44.96 2.83 0.00	49.53 2.97 0.00
DANSKAMMER__3 23590	55.51 2.72 0.00	54.26 2.61 0.00	53.60 2.55 0.00	52.62 2.43 0.00	50.65 2.32 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.90 2.75 0.00	53.82 2.49 0.00	52.71 2.40 0.00	57.22 2.83 0.00	55.26 2.71 0.00	48.70 2.22 0.00	54.54 2.23 0.00	56.64 2.51 0.00	54.47 2.69 0.00	54.95 3.00 0.00	62.39 3.54 0.00	57.99 3.29 0.00	56.92 3.39 0.00	54.42 3.37 0.00	47.24 2.98 0.00	44.96 2.83 0.00	49.53 2.97 0.00

DANSKAMMER___4 23591	55.51 2.72 0.00	54.26 2.61 0.00	53.60 2.55 0.00	52.62 2.43 0.00	50.65 2.32 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.90 2.75 0.00	53.82 2.49 0.00	52.71 2.40 0.00	57.22 2.83 0.00	55.26 2.71 0.00	48.70 2.22 0.00	54.54 2.23 0.00	56.64 2.51 0.00	54.47 2.69 0.00	54.95 3.00 0.00	62.39 3.54 0.00	57.99 3.29 0.00	56.92 3.39 0.00	54.42 3.37 0.00	47.24 2.98 0.00	44.96 2.83 0.00	49.53 2.97 0.00
DANSKAMMER___DIESEL 23592	55.51 2.73 0.00	54.27 2.61 0.00	53.60 2.55 0.00	52.62 2.43 0.00	50.65 2.32 0.00	48.36 2.27 0.00	49.86 2.40 0.00	57.91 2.75 0.00	53.82 2.49 0.00	52.71 2.40 0.00	57.23 2.83 0.00	55.26 2.71 0.00	48.69 2.21 0.00	54.54 2.22 0.00	56.64 2.52 0.00	54.48 2.70 0.00	54.96 3.00 0.00	62.41 3.56 0.00	58.00 3.30 0.00	56.92 3.40 0.00	54.42 3.38 0.00	47.24 2.98 0.00	44.97 2.84 0.00	49.53 2.97 0.00
DARBY___SOLAR 323810	55.14 2.35 0.00	54.02 2.36 0.00	53.42 2.37 0.00	52.56 2.37 0.00	50.67 2.33 0.00	48.38 2.29 0.00	49.83 2.38 0.00	57.95 2.80 0.00	53.66 2.33 0.00	52.11 1.80 0.00	56.27 1.88 0.00	54.15 1.60 0.00	47.97 1.49 0.00	54.27 1.95 0.00	56.64 2.51 0.00	54.35 2.57 0.00	54.78 2.84 0.00	62.10 3.25 0.00	57.72 3.03 0.00	56.56 3.03 0.00	53.92 2.88 0.00	46.80 2.54 0.00	44.44 2.31 0.00	49.12 2.56 0.00
DASHVILLE___HYD 23610	54.89 2.10 0.00	53.67 2.02 0.00	53.00 1.96 0.00	52.03 1.84 0.00	50.08 1.75 0.00	47.83 1.74 0.00	49.33 1.88 0.00	57.30 2.14 0.00	53.32 1.99 0.00	52.26 1.95 0.00	56.75 2.35 0.00	54.79 2.24 0.00	48.30 1.82 0.00	54.03 1.72 0.00	56.19 2.06 0.00	54.04 2.25 0.00	54.48 2.53 0.00	61.88 3.02 0.00	57.48 2.78 0.00	56.38 2.85 0.00	53.90 2.86 0.00	46.79 2.52 0.00	44.51 2.38 0.00	49.01 2.46 0.00
DELAWARE___LFGE 323621	53.57 0.79 0.00	52.40 0.75 0.00	51.81 0.76 0.00	50.90 0.71 0.00	49.03 0.69 0.00	46.79 0.70 0.00	48.33 0.87 0.00	56.19 1.03 0.00	52.34 1.01 0.00	51.29 0.98 0.00	55.48 1.09 0.00	53.56 1.01 0.00	47.29 0.81 0.00	53.16 0.84 0.00	54.95 0.82 0.00	52.72 0.94 0.00	52.97 1.02 0.00	60.02 1.16 0.00	55.76 1.06 0.00	54.59 1.06 0.00	52.07 1.03 0.00	45.15 0.89 0.00	42.96 0.83 0.00	47.35 0.79 0.00
DERFIELD_115KV_TB7 355931	52.82 0.03 0.00	51.69 0.03 0.00	51.10 0.05 0.00	50.22 0.03 0.00	48.38 0.05 0.00	46.15 0.05 0.00	47.54 0.08 0.00	55.32 0.16 0.00	51.47 0.13 0.00	50.38 0.07 0.00	54.48 0.08 0.00	52.60 0.05 0.00	46.47 -0.01 0.00	52.34 0.03 0.00	54.18 0.06 0.00	51.84 0.06 0.00	52.04 0.09 0.00	58.96 0.10 0.00	54.78 0.09 0.00	53.64 0.11 0.00	51.15 0.11 0.00	44.40 0.13 0.00	42.25 0.13 0.00	46.69 0.14 0.00
DOGLEVILLE___HYD 23807	55.20 2.42 0.00	54.07 2.42 0.00	53.49 2.44 0.00	52.56 2.37 0.00	50.66 2.33 0.00	48.47 2.37 0.00	50.10 2.64 0.00	58.49 3.33 0.00	54.19 2.85 0.00	52.19 1.88 0.00	56.11 1.72 0.00	53.77 1.22 0.00	47.40 0.93 0.00	54.48 2.17 0.00	56.75 2.62 0.00	54.54 2.76 0.00	54.92 2.97 0.00	62.24 3.39 0.00	57.89 3.19 0.00	56.72 3.19 0.00	54.24 3.20 0.00	47.19 2.92 0.00	44.71 2.58 0.00	49.24 2.68 0.00
DUNKIRK___115KV_TB_200 55889	49.66 -3.13 0.00	48.66 -3.00 0.00	48.61 -2.43 0.00	47.91 -2.28 0.00	46.36 -1.97 0.00	43.83 -2.26 0.00	45.83 -1.62 0.00	51.52 -3.63 0.00	47.04 -4.29 0.00	45.83 -4.39 0.09	49.19 -5.09 0.11	47.93 -4.62 0.00	42.06 -4.31 0.10	47.45 -4.75 0.12	48.05 -5.31 0.77	39.47 -4.69 7.62	31.51 -5.29 15.15	36.61 -6.17 16.07	33.45 -5.51 15.74	31.39 -5.65 16.49	29.33 -5.67 16.04	24.20 -5.04 15.02	23.12 -4.66 14.35	27.33 -4.78 14.44
DUNKIRK___1 23563	49.66 -3.13 0.00	48.66 -3.00 0.00	48.61 -2.43 0.00	47.91 -2.28 0.00	46.36 -1.97 0.00	43.83 -2.26 0.00	45.83 -1.62 0.00	51.52 -3.63 0.00	47.04 -4.29 0.00	45.83 -4.39 0.09	49.19 -5.09 0.11	47.93 -4.62 0.00	42.06 -4.31 0.10	47.45 -4.75 0.12	48.05 -5.31 0.77	39.47 -4.69 7.62	31.51 -5.29 15.15	36.61 -6.17 16.07	33.45 -5.51 15.74	31.39 -5.65 16.49	29.33 -5.67 16.04	24.20 -5.04 15.02	23.12 -4.66 14.35	27.33 -4.78 14.44
DUNKIRK___2 23564	49.66 -3.13 0.00	48.66 -3.00 0.00	48.61 -2.43 0.00	47.91 -2.28 0.00	46.36 -1.97 0.00	43.83 -2.26 0.00	45.83 -1.62 0.00	51.52 -3.63 0.00	47.04 -4.29 0.00	45.83 -4.39 0.09	49.19 -5.09 0.11	47.93 -4.62 0.00	42.06 -4.31 0.10	47.45 -4.75 0.12	48.05 -5.31 0.77	39.47 -4.69 7.62	31.51 -5.29 15.15	36.61 -6.17 16.07	33.45 -5.51 15.74	31.39 -5.65 16.49	29.33 -5.67 16.04	24.20 -5.04 15.02	23.12 -4.66 14.35	27.33 -4.78 14.44
DUNKIRK___3 23565	49.65 -3.14 0.00	48.59 -3.06 0.00	48.44 -2.61 0.00	47.70 -2.49 0.00	46.12 -2.21 0.00	43.62 -2.48 0.00	45.51 -1.95 0.00	51.30 -3.85 0.00	46.99 -4.35 0.00	45.85 -4.37 0.09	49.19 -5.09 0.11	47.99 -4.57 0.00	42.16 -4.20 0.11	47.57 -4.62 0.13	48.16 -5.14 0.82	39.04 -4.60 8.15	30.61 -5.14 16.20	35.67 -6.00 17.19	32.48 -5.38 16.83	30.35 -5.55 17.63	28.32 -5.57 17.15	23.27 -4.92 16.07	22.22 -4.55 15.36	26.46 -4.65 15.45
DUNKIRK___4 23566	49.65 -3.14 0.00	48.59 -3.06 0.00	48.44 -2.61 0.00	47.70 -2.49 0.00	46.12 -2.21 0.00	43.62 -2.48 0.00	45.51 -1.95 0.00	51.30 -3.85 0.00	46.99 -4.35 0.00	45.85 -4.37 0.09	49.19 -5.09 0.11	47.99 -4.57 0.00	42.16 -4.20 0.11	47.57 -4.62 0.13	48.16 -5.14 0.82	39.04 -4.60 8.15	30.61 -5.14 16.20	35.67 -6.00 17.19	32.48 -5.38 16.83	30.35 -5.55 17.63	28.32 -5.57 17.15	23.27 -4.92 16.07	22.22 -4.55 15.36	26.46 -4.65 15.45
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	55.49 2.71 0.00	54.21 2.56 0.00	53.53 2.48 0.00	52.49 2.30 0.00	50.52 2.19 0.00	48.25 2.15 0.00	49.73 2.28 0.00	57.69 2.54 0.00	53.65 2.31 0.00	52.66 2.35 0.00	57.14 2.75 0.00	55.15 2.59 0.00	48.64 2.16 0.00	54.47 2.15 0.00	56.49 2.36 0.00	54.31 2.53 0.00	54.76 2.81 0.00	62.13 3.28 0.00	57.81 3.11 0.00	56.80 3.27 0.00	54.33 3.28 0.00	47.20 2.93 0.00	44.97 2.84 0.00	49.51 2.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	55.09 2.31 0.00	53.86 2.20 0.00	53.21 2.16 0.00	52.23 2.04 0.00	50.27 1.94 0.00	48.00 1.91 0.00	49.48 2.03 0.00	57.45 2.29 0.00	53.39 2.06 0.00	52.30 1.99 0.00	56.69 2.30 0.00	54.78 2.22 0.00	48.26 1.78 0.00	54.03 1.71 0.00	56.11 1.98 0.00	53.97 2.18 0.00	54.44 2.49 0.00	61.83 2.98 0.00	57.48 2.79 0.00	56.42 2.89 0.00	53.93 2.89 0.00	46.82 2.56 0.00	44.59 2.46 0.00	49.11 2.55 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	55.80 3.01 0.00	54.53 2.88 0.00	53.80 2.76 0.00	52.75 2.56 0.00	50.75 2.42 0.00	48.49 2.40 0.00	49.89 2.44 0.00	57.79 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.31 2.92 0.00	55.38 2.82 0.00	48.77 2.29 0.00	54.59 2.27 0.00	56.58 2.46 0.00	54.45 2.67 0.00	54.81 2.86 0.00	62.22 3.37 0.00	57.98 3.28 0.00	57.03 3.51 0.00	54.58 3.53 0.00	47.44 3.18 0.00	45.15 3.03 0.00	49.67 3.12 0.00

E179THST_13_KV_LOAD 356214	56.05 3.26 0.00	54.76 3.10 0.00	54.03 2.98 0.00	52.96 2.77 0.00	50.94 2.61 0.00	48.69 2.59 0.00	50.09 2.64 0.00	58.04 2.89 0.00	54.05 2.71 0.00	53.18 2.87 0.00	57.57 3.17 0.00	55.66 3.11 0.00	49.02 2.54 0.00	54.85 2.54 0.00	56.86 2.73 0.00	54.71 2.93 0.00	55.09 3.14 0.00	62.52 3.67 0.00	58.27 3.57 0.00	57.31 3.79 0.00	54.84 3.79 0.00	47.65 3.39 0.00	45.36 3.23 0.00	49.87 3.32 0.00
EAST HAMPTON___GT 23717	58.62 5.84 0.00	57.23 5.57 0.00	56.42 5.38 0.00	55.24 5.05 0.00	53.17 4.84 0.00	50.95 4.86 0.00	52.49 5.04 0.00	60.89 5.74 0.00	56.40 5.07 0.00	55.48 5.16 0.00	59.65 5.26 0.00	57.68 5.13 0.00	50.62 4.15 0.00	56.91 4.59 0.00	59.00 4.87 0.00	81.63 5.50 -24.35	89.62 5.98 -31.69	69.95 6.10 -4.99	106.83 6.03 -46.10	96.61 6.22 -36.86	103.55 6.45 -46.05	72.82 5.64 -22.91	84.19 5.73 -36.34	53.03 5.92 -0.56
EAST RIVER___6 23660	55.71 2.93 0.00	54.40 2.74 0.00	53.70 2.65 0.00	52.63 2.44 0.00	50.60 2.27 0.00	48.35 2.26 0.00	49.85 2.40 0.00	57.85 2.70 0.00	53.79 2.46 0.00	52.85 2.54 0.00	57.38 2.98 0.00	55.36 2.81 0.00	48.83 2.36 0.00	54.69 2.38 0.00	56.72 2.59 0.00	54.53 2.74 0.00	55.00 3.06 0.00	62.39 3.54 0.00	58.04 3.35 0.00	57.01 3.49 0.00	54.53 3.48 0.00	47.36 3.09 0.00	45.09 2.97 0.00	49.63 3.08 0.00
EAST RIVER___7 23524	55.71 2.93 0.00	54.40 2.74 0.00	53.70 2.65 0.00	52.63 2.44 0.00	50.60 2.27 0.00	48.35 2.26 0.00	49.85 2.40 0.00	57.85 2.70 0.00	53.79 2.46 0.00	52.85 2.54 0.00	57.38 2.98 0.00	55.36 2.81 0.00	48.83 2.36 0.00	54.69 2.38 0.00	56.72 2.59 0.00	54.53 2.74 0.00	55.00 3.06 0.00	62.39 3.54 0.00	58.04 3.35 0.00	57.01 3.49 0.00	54.53 3.48 0.00	47.36 3.09 0.00	45.09 2.97 0.00	49.63 3.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	55.34 2.56 0.00	54.09 2.44 0.00	53.43 2.38 0.00	52.39 2.20 0.00	50.43 2.09 0.00	48.16 2.06 0.00	49.63 2.17 0.00	57.58 2.43 0.00	53.54 2.20 0.00	52.53 2.22 0.00	57.00 2.60 0.00	55.00 2.44 0.00	48.51 2.03 0.00	54.33 2.01 0.00	56.35 2.22 0.00	54.18 2.40 0.00	54.63 2.69 0.00	62.00 3.15 0.00	57.66 2.96 0.00	56.62 3.10 0.00	54.17 3.13 0.00	47.06 2.80 0.00	44.83 2.70 0.00	49.37 2.81 0.00
EAST_HAMPTON___DIESEL 23722	58.62 5.83 0.00	57.22 5.56 0.00	56.41 5.37 0.00	55.24 5.05 0.00	53.17 4.83 0.00	50.95 4.86 0.00	52.49 5.04 0.00	60.89 5.74 0.00	56.40 5.07 0.00	55.48 5.16 0.00	59.65 5.26 0.00	57.68 5.13 0.00	50.62 4.14 0.00	56.91 4.59 0.00	58.99 4.86 0.00	81.62 5.49 -24.35	89.62 5.98 -31.69	69.96 6.11 -4.99	106.83 6.03 -46.10	96.63 6.24 -36.86	103.55 6.45 -46.05	72.82 5.64 -22.91	84.20 5.74 -36.34	53.04 5.93 -0.56
EAST_POINT___SOLAR 323840	54.51 1.72 0.00	53.25 1.60 0.00	52.64 1.59 0.00	51.76 1.57 0.00	49.87 1.54 0.00	47.65 1.56 0.00	49.31 1.86 0.00	57.52 2.37 0.00	53.36 2.02 0.00	51.94 1.63 0.00	55.15 0.76 0.00	53.06 0.51 0.00	47.02 0.54 0.00	54.33 2.02 0.00	56.44 2.31 0.00	53.87 2.09 0.00	54.34 2.39 0.00	61.69 2.84 0.00	57.28 2.59 0.00	55.92 2.39 0.00	53.17 2.12 0.00	46.07 1.81 0.00	43.56 1.43 0.00	47.88 1.32 0.00
EAST_PULASKI___ESR 323781	51.16 -1.62 0.00	49.95 -1.71 0.00	49.32 -1.72 0.00	48.50 -1.69 0.00	46.72 -1.61 0.00	44.55 -1.55 0.00	46.07 -1.38 0.00	53.88 -1.27 0.00	50.22 -1.11 0.00	49.10 -1.21 0.00	53.13 -1.27 0.00	51.29 -1.26 0.00	45.18 -1.30 0.00	51.38 -0.94 0.00	52.87 -1.26 0.00	50.37 -1.42 0.00	50.46 -1.49 0.00	57.02 -1.83 0.00	52.94 -1.76 0.00	51.77 -1.76 0.00	49.27 -1.78 0.00	42.64 -1.62 0.00	40.60 -1.52 0.00	44.77 -1.78 0.00
EAST_RIVER___1 323558	55.71 2.93 0.00	54.41 2.75 0.00	53.70 2.65 0.00	52.63 2.44 0.00	50.64 2.30 0.00	48.38 2.29 0.00	49.87 2.42 0.00	57.86 2.71 0.00	53.81 2.48 0.00	52.86 2.55 0.00	57.37 2.98 0.00	55.35 2.80 0.00	48.83 2.35 0.00	54.67 2.35 0.00	56.68 2.55 0.00	54.51 2.72 0.00	54.96 3.01 0.00	62.36 3.51 0.00	58.02 3.32 0.00	57.01 3.48 0.00	54.52 3.48 0.00	47.35 3.09 0.00	45.09 2.97 0.00	49.65 3.09 0.00
EAST_RIVER___2 323559	55.71 2.93 0.00	54.40 2.74 0.00	53.70 2.65 0.00	52.63 2.44 0.00	50.60 2.27 0.00	48.35 2.26 0.00	49.85 2.40 0.00	57.85 2.70 0.00	53.79 2.46 0.00	52.85 2.54 0.00	57.38 2.98 0.00	55.36 2.81 0.00	48.83 2.36 0.00	54.69 2.38 0.00	56.72 2.59 0.00	54.53 2.74 0.00	55.00 3.06 0.00	62.39 3.54 0.00	58.04 3.35 0.00	57.01 3.49 0.00	54.53 3.48 0.00	47.36 3.09 0.00	45.09 2.97 0.00	49.63 3.08 0.00
EAST___DELAWARE_HYD 23607	55.15 2.37 0.00	53.85 2.20 0.00	53.18 2.13 0.00	52.23 2.04 0.00	50.28 1.95 0.00	48.04 1.94 0.00	49.55 2.10 0.00	57.53 2.38 0.00	53.46 2.12 0.00	52.26 1.95 0.00	56.79 2.40 0.00	54.95 2.40 0.00	48.46 1.98 0.00	54.09 1.77 0.00	56.41 2.28 0.00	54.28 2.49 0.00	54.80 2.85 0.00	62.27 3.42 0.00	57.89 3.19 0.00	56.77 3.24 0.00	54.23 3.19 0.00	47.03 2.77 0.00	44.73 2.60 0.00	49.22 2.66 0.00
EIGHT_POINT___WT_PWR 323820	47.78 -5.00 0.00	46.67 -4.98 0.00	46.56 -4.48 0.00	46.30 -3.89 0.00	45.58 -2.76 0.00	44.26 -1.84 0.00	46.59 -0.86 0.00	53.77 -1.38 0.00	48.58 -2.75 0.00	47.45 -3.20 -0.34	50.62 -4.19 -0.42	48.34 -4.21 0.00	42.65 -4.23 -0.40	47.30 -5.48 -0.47	50.92 -6.24 -3.03	75.84 -5.89 -29.95	105.19 -6.30 -59.54	115.00 -7.04 -63.18	110.26 -6.31 -61.88	112.16 -6.19 -64.82	108.20 -5.94 -63.10	98.28 -5.27 -59.29	93.75 -4.96 -56.59	97.67 -5.66 -56.78
ELBRIDGE_115KV_TB2 80188	51.40 -1.38 0.00	50.27 -1.39 0.00	49.76 -1.29 0.00	48.90 -1.29 0.00	47.11 -1.22 0.00	44.92 -1.17 0.00	46.37 -1.09 0.00	53.81 -1.34 0.00	49.93 -1.40 0.00	48.92 -1.39 0.00	52.77 -1.63 0.00	50.87 -1.69 0.00	45.12 -1.35 0.00	50.89 -1.42 0.00	52.50 -1.62 0.00	50.36 -1.43 0.00	50.56 -1.39 0.00	57.26 -1.60 0.00	53.23 -1.47 0.00	51.97 -1.55 0.00	49.55 -1.49 0.00	42.94 -1.32 0.00	40.83 -1.30 0.00	45.15 -1.41 0.00
ELEC_TRO_TEK 24086	56.04 3.26 0.00	54.73 3.07 0.00	53.96 2.91 0.00	52.87 2.68 0.00	50.88 2.54 0.00	48.66 2.56 0.00	50.07 2.62 0.00	58.07 2.92 0.00	53.93 2.60 0.00	53.15 2.84 0.00	57.52 3.12 0.00	55.58 3.03 0.00	48.89 2.42 0.00	54.83 2.52 0.00	56.98 2.85 0.00	97.05 3.15 -42.11	110.07 3.31 -54.81	71.13 3.64 -8.63	138.00 3.59 -79.72	120.98 3.72 -63.74	134.47 3.79 -79.64	87.23 3.34 -39.62	108.26 3.29 -62.84	50.89 3.37 -0.97
ELLENBURG_WT_PWR 323604	52.55 -0.23 0.00	51.48 -0.17 0.00	50.85 -0.19 0.00	50.06 -0.13 0.00	48.19 -0.14 0.00	45.95 -0.14 0.00	47.42 -0.04 0.00	55.45 0.29 0.00	52.03 0.70 0.00	51.44 1.13 0.00	55.72 1.32 0.00	53.91 1.36 0.00	47.80 1.32 0.00	53.99 1.67 0.00	55.80 1.67 0.00	52.80 1.02 0.00	52.28 0.33 0.00	59.31 0.46 0.00	54.85 0.15 0.00	53.41 -0.12 0.00	50.92 -0.12 0.00	43.98 -0.28 0.00	41.66 -0.47 0.00	46.19 -0.37 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.45 -3.33 0.00	48.32 -3.34 0.00	47.91 -3.14 0.00	47.14 -3.05 0.00	45.54 -2.80 0.00	42.97 -3.12 0.00	44.29 -3.16 0.00	50.37 -4.78 0.00	46.57 -4.77 0.00	45.72 -4.48 0.11	48.92 -5.34 0.14	47.99 -4.56 0.00	42.31 -4.03 0.13	47.69 -4.47 0.15	48.27 -4.88 0.98	37.49 -4.57 9.73	27.57 -5.04 19.34	32.48 -5.85 20.53	29.30 -5.29 20.10	26.86 -5.61 21.06	24.90 -5.65 20.49	20.08 -4.96 19.23	19.21 -4.55 18.36	23.53 -4.58 18.45
EMPIRE_CC_1 323656	53.97 1.19 0.00	53.06 1.40 0.00	52.46 1.41 0.00	51.62 1.44 0.00	49.70 1.37 0.00	47.43 1.33 0.00	48.53 1.07 0.00	56.37 1.22 0.00	52.38 1.05 0.00	51.19 0.88 0.00	55.76 1.36 0.00	53.69 1.13 0.00	47.53 1.05 0.00	53.26 0.94 0.00	55.28 1.16 0.00	53.10 1.32 0.00	53.49 1.54 0.00	60.61 1.75 0.00	56.36 1.66 0.00	55.29 1.77 0.00	52.89 1.85 0.00	45.96 1.70 0.00	43.78 1.65 0.00	48.49 1.94 0.00
EMPIRE_CC_2 323658	53.97 1.19 0.00	53.06 1.40 0.00	52.46 1.41 0.00	51.62 1.44 0.00	49.70 1.37 0.00	47.43 1.33 0.00	48.53 1.07 0.00	56.37 1.22 0.00	52.38 1.05 0.00	51.19 0.88 0.00	55.76 1.36 0.00	53.69 1.13 0.00	47.53 1.05 0.00	53.26 0.94 0.00	55.28 1.16 0.00	53.10 1.32 0.00	53.49 1.54 0.00	60.61 1.75 0.00	56.36 1.66 0.00	55.29 1.77 0.00	52.89 1.85 0.00	45.96 1.70 0.00	43.78 1.65 0.00	48.49 1.94 0.00
ENORWICH_115KV_TB1 80156	52.63 -0.15 0.00	51.59 -0.06 0.00	51.12 0.08 0.00	50.25 0.06 0.00	48.64 0.30 0.00	46.82 0.72 0.00	48.68 1.23 0.00	57.92 2.76 0.00	54.59 3.25 0.00	53.39 3.06 -0.02	57.08 2.66 -0.02	54.52 1.96 0.00	48.08 1.58 -0.02	53.81 1.47 -0.02	55.30 1.02 -0.16	54.57 1.24 -1.55	55.79 0.77 -3.08	62.82 0.71 -3.27	58.43 0.53 -3.20	57.36 0.48 -3.35	54.68 0.38 -3.26	47.63 0.30 -3.06	45.18 0.13 -2.92	49.30 -0.19 -2.93
ERIE_ST__34_KV_TB1-2 80199	50.84 -1.95 0.00	49.60 -2.05 0.00	49.15 -1.89 0.00	48.33 -1.86 0.00	46.68 -1.65 0.00	44.07 -2.03 0.00	45.50 -1.96 0.00	51.80 -3.36 0.00	47.96 -3.38 0.00	47.10 -3.12 0.09	50.39 -3.89 0.11	49.39 -3.16 0.00	43.59 -2.78 0.10	49.13 -3.06 0.12	49.92 -3.42 0.79	40.82 -3.14 7.82	32.82 -3.58 15.55	38.14 -4.21 16.50	34.78 -3.75 16.16	32.50 -4.10 16.93	30.35 -4.24 16.45	25.13 -3.79 15.35	24.00 -3.44 14.69	28.38 -3.35 14.83
ERIE_WT_PWR 323693	49.88 -2.90 0.00	48.72 -2.94 0.00	48.31 -2.73 0.00	47.55 -2.64 0.00	45.98 -2.36 0.00	43.41 -2.69 0.00	44.79 -2.66 0.00	50.95 -4.20 0.00	47.12 -4.22 0.00	46.27 -3.94 0.10	49.46 -4.82 0.12	48.49 -4.07 0.00	42.71 -3.65 0.12	48.17 -4.01 0.14	48.81 -4.81 0.89	38.87 -4.09 8.82	29.88 -4.53 17.54	34.97 -5.27 18.61	31.71 -4.76 18.22	29.38 -5.05 19.09	27.38 -5.10 18.56	22.45 -4.45 17.36	21.48 -4.04 16.60	25.69 -4.14 16.72
ESPRGFLD_115KV_TB1 80157	52.65 -0.13 0.00	51.43 -0.23 0.00	50.84 -0.21 0.00	49.98 -0.21 0.00	48.14 -0.19 0.00	46.01 -0.08 0.00	47.69 0.23 0.00	55.65 0.49 0.00	51.91 0.58 0.00	51.14 0.83 0.00	55.14 0.75 0.00	53.33 0.78 0.00	47.07 0.60 0.00	53.08 0.77 0.00	54.79 0.66 0.00	52.27 0.49 0.00	52.36 0.42 0.00	59.31 0.45 0.00	55.09 0.39 0.00	53.80 0.28 0.00	51.15 0.10 0.00	44.35 0.09 0.00	41.97 -0.15 0.00	46.12 -0.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.60 -0.18 0.00	51.42 -0.24 0.00	50.90 -0.15 0.00	49.99 -0.19 0.00	48.21 -0.12 0.00	46.01 -0.08 0.00	47.62 0.17 0.00	55.37 0.21 0.00	51.47 0.14 0.00	50.38 0.04 -0.03	54.06 -0.37 -0.04	51.83 -0.72 0.00	46.21 -0.30 -0.04	52.20 -0.15 -0.04	53.95 -0.44 -0.26	54.17 -0.20 -2.59	56.94 -0.16 -5.15	64.11 -0.21 -5.46	59.86 -0.18 -5.35	58.89 -0.25 -5.61	56.19 -0.31 -5.46	49.07 -0.32 -5.12	46.65 -0.36 -4.89	50.98 -0.48 -4.91
ETNA____115KV_TB2 80207	52.60 -0.18 0.00	51.42 -0.24 0.00	50.90 -0.15 0.00	49.99 -0.19 0.00	48.21 -0.12 0.00	46.01 -0.08 0.00	47.62 0.17 0.00	55.37 0.21 0.00	51.47 0.14 0.00	50.38 0.04 -0.03	54.06 -0.37 -0.04	51.83 -0.72 0.00	46.21 -0.30 -0.04	52.20 -0.15 -0.04	53.95 -0.44 -0.26	54.17 -0.20 -2.59	56.94 -0.16 -5.15	64.11 -0.21 -5.46	59.86 -0.18 -5.35	58.89 -0.25 -5.61	56.19 -0.31 -5.46	49.07 -0.32 -5.12	46.65 -0.36 -4.89	50.98 -0.48 -4.91
EUCLID__115KV_TB2 356179	51.13 -1.66 0.00	50.00 -1.65 0.00	49.43 -1.62 0.00	48.57 -1.62 0.00	46.79 -1.55 0.00	44.62 -1.48 0.00	45.99 -1.46 0.00	53.39 -1.76 0.00	49.66 -1.68 0.00	48.65 -1.66 0.00	52.51 -1.89 0.00	50.73 -1.82 0.00	44.89 -1.59 0.00	50.58 -1.73 0.00	52.26 -1.87 0.00	50.08 -1.71 0.00	50.26 -1.69 0.00	56.92 -1.93 0.00	52.90 -1.79 0.00	51.72 -1.81 0.00	49.26 -1.78 0.00	42.70 -1.56 0.00	40.65 -1.48 0.00	44.92 -1.63 0.00
E_CANADA_CAP_HY 24051	52.84 0.05 0.00	51.61 -0.05 0.00	51.00 -0.05 0.00	50.18 -0.01 0.00	48.33 0.00 0.00	46.18 0.08 0.00	47.79 0.34 0.00	55.76 0.61 0.00	51.84 0.51 0.00	50.97 0.66 0.00	54.76 0.36 0.00	52.97 0.41 0.00	46.79 0.31 0.00	53.06 0.74 0.00	55.00 0.87 0.00	52.35 0.56 0.00	52.50 0.55 0.00	59.50 0.65 0.00	55.25 0.55 0.00	53.95 0.42 0.00	51.28 0.24 0.00	44.51 0.24 0.00	42.04 -0.09 0.00	46.24 -0.32 0.00
E_CANADA_MHWK_HY 24050	55.20 2.42 0.00	54.07 2.42 0.00	53.49 2.44 0.00	52.56 2.37 0.00	50.66 2.33 0.00	48.47 2.37 0.00	50.10 2.64 0.00	58.49 3.33 0.00	54.19 2.85 0.00	52.19 1.88 0.00	56.11 1.72 0.00	53.77 1.22 0.00	47.41 0.93 0.00	54.48 2.17 0.00	56.75 2.63 0.00	54.54 2.76 0.00	54.92 2.97 0.00	62.24 3.39 0.00	57.88 3.19 0.00	56.72 3.20 0.00	54.26 3.21 0.00	47.20 2.93 0.00	44.71 2.58 0.00	49.24 2.68 0.00
E_FISHKILL__LBMP 23776	54.94 2.15 0.00	53.72 2.06 0.00	53.05 2.01 0.00	52.08 1.89 0.00	50.14 1.80 0.00	47.86 1.77 0.00	49.30 1.85 0.00	57.23 2.08 0.00	53.22 1.89 0.00	52.17 1.86 0.00	56.63 2.23 0.00	54.66 2.10 0.00	48.23 1.75 0.00	54.02 1.70 0.00	56.04 1.91 0.00	53.87 2.08 0.00	54.28 2.33 0.00	61.59 2.74 0.00	57.26 2.57 0.00	56.24 2.72 0.00	53.80 2.76 0.00	46.73 2.46 0.00	44.51 2.38 0.00	49.05 2.49 0.00
FALCON__SEABRD_CC1 323796	53.26 0.47 0.00	52.18 0.52 0.00	51.56 0.51 0.00	50.74 0.56 0.00	48.86 0.53 0.00	46.62 0.52 0.00	48.13 0.68 0.00	56.29 1.13 0.00	52.75 1.42 0.00	52.08 1.77 0.00	56.46 2.06 0.00	54.61 2.06 0.00	48.47 1.99 0.00	54.83 2.52 0.00	56.69 2.56 0.00	53.69 1.90 0.00	53.07 1.12 0.00	60.15 1.30 0.00	55.75 1.06 0.00	54.30 0.77 0.00	51.73 0.69 0.00	44.69 0.43 0.00	42.28 0.15 0.00	46.84 0.29 0.00
FALCON__SEABRD_CC2 323797	53.26 0.47 0.00	52.18 0.52 0.00	51.56 0.51 0.00	50.74 0.56 0.00	48.86 0.53 0.00	46.62 0.52 0.00	48.13 0.68 0.00	56.29 1.13 0.00	52.75 1.42 0.00	52.08 1.77 0.00	56.46 2.06 0.00	54.61 2.06 0.00	48.47 1.99 0.00	54.83 2.52 0.00	56.69 2.56 0.00	53.69 1.90 0.00	53.07 1.12 0.00	60.15 1.30 0.00	55.75 1.06 0.00	54.30 0.77 0.00	51.73 0.69 0.00	44.69 0.43 0.00	42.28 0.15 0.00	46.84 0.29 0.00

FAR ROCKAWAY___4 23548	56.45 3.67 0.00	55.10 3.44 0.00	54.30 3.25 0.00	53.22 3.03 0.00	51.21 2.87 0.00	48.98 2.89 0.00	50.45 3.00 0.00	58.51 3.35 0.00	54.33 3.00 0.00	53.46 3.15 0.00	58.01 3.61 0.00	56.17 3.61 0.00	49.35 2.87 0.00	55.41 3.10 0.00	57.63 3.50 0.00	99.19 3.81 -43.59	112.70 4.01 -56.74	72.26 4.47 -8.94	141.58 4.36 -82.53	123.80 4.29 -65.98	137.85 4.36 -82.45	89.30 4.02 -41.02	111.05 3.88 -65.05	51.57 4.01 -1.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	55.71 2.93 0.00	54.40 2.74 0.00	53.71 2.66 0.00	52.63 2.44 0.00	50.64 2.30 0.00	48.38 2.29 0.00	49.88 2.43 0.00	57.86 2.71 0.00	53.81 2.47 0.00	52.86 2.55 0.00	57.34 2.95 0.00	55.35 2.79 0.00	48.81 2.33 0.00	54.65 2.33 0.00	56.67 2.54 0.00	54.50 2.72 0.00	54.96 3.01 0.00	62.35 3.50 0.00	58.01 3.31 0.00	57.01 3.48 0.00	54.53 3.48 0.00	47.37 3.10 0.00	45.13 3.00 0.00	49.65 3.09 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	55.76 2.98 0.00	54.45 2.79 0.00	53.75 2.70 0.00	52.68 2.49 0.00	50.69 2.35 0.00	48.43 2.33 0.00	49.92 2.47 0.00	57.92 2.76 0.00	53.85 2.52 0.00	52.90 2.59 0.00	57.40 3.00 0.00	55.40 2.84 0.00	48.85 2.38 0.00	54.70 2.38 0.00	56.72 2.60 0.00	54.55 2.77 0.00	55.01 3.06 0.00	62.41 3.56 0.00	58.07 3.37 0.00	57.06 3.53 0.00	54.58 3.54 0.00	47.41 3.15 0.00	45.16 3.04 0.00	49.69 3.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	55.77 2.99 0.00	54.39 2.73 0.00	53.69 2.64 0.00	52.60 2.41 0.00	50.63 2.30 0.00	48.36 2.27 0.00	49.87 2.41 0.00	57.85 2.70 0.00	53.79 2.46 0.00	52.85 2.54 0.00	57.33 2.94 0.00	55.33 2.77 0.00	48.79 2.31 0.00	54.64 2.33 0.00	56.66 2.53 0.00	54.48 2.70 0.00	54.94 2.99 0.00	62.33 3.48 0.00	58.00 3.30 0.00	56.98 3.46 0.00	54.51 3.46 0.00	47.34 3.08 0.00	45.10 2.97 0.00	49.64 3.08 0.00
FARRAGUT___LBMP 323566	55.66 2.87 0.00	54.36 2.70 0.00	53.65 2.60 0.00	52.58 2.39 0.00	50.60 2.26 0.00	48.34 2.24 0.00	49.83 2.38 0.00	57.81 2.65 0.00	53.75 2.42 0.00	52.80 2.49 0.00	57.29 2.89 0.00	55.29 2.74 0.00	48.76 2.28 0.00	54.59 2.28 0.00	56.62 2.49 0.00	54.45 2.66 0.00	54.90 2.96 0.00	62.29 3.44 0.00	57.95 3.25 0.00	56.95 3.42 0.00	54.47 3.42 0.00	47.32 3.05 0.00	45.07 2.94 0.00	49.60 3.04 0.00
FENNER___WINDPWR 24204	52.95 0.16 0.00	51.74 0.08 0.00	51.18 0.14 0.00	50.33 0.15 0.00	48.54 0.20 0.00	46.33 0.23 0.00	48.01 0.55 0.00	56.01 0.86 0.00	52.15 0.82 0.00	51.02 0.71 0.00	55.01 0.61 0.00	53.08 0.53 0.00	46.71 0.23 0.00	52.87 0.56 0.00	54.73 0.60 0.00	52.27 0.49 0.00	52.41 0.46 0.00	59.26 0.40 0.00	55.03 0.34 0.00	53.74 0.21 0.00	51.14 0.09 0.00	44.32 0.05 0.00	42.11 -0.02 0.00	46.46 -0.10 0.00
FIBERTEK___ENERGY 23856	51.68 -1.10 0.00	50.54 -1.12 0.00	49.99 -1.06 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.13 -0.97 0.00	46.58 -0.88 0.00	54.08 -1.08 0.00	50.26 -1.08 0.00	49.22 -1.09 0.00	53.10 -1.30 0.00	51.23 -1.32 0.00	45.40 -1.07 0.00	51.19 -1.12 0.00	52.84 -1.29 0.00	50.67 -1.12 0.00	50.87 -1.08 0.00	57.62 -1.23 0.00	53.55 -1.15 0.00	52.33 -1.19 0.00	49.86 -1.18 0.00	43.21 -1.06 0.00	41.10 -1.03 0.00	45.41 -1.15 0.00
FITZPATRICK___ 23598	50.49 -2.29 0.00	49.38 -2.28 0.00	48.81 -2.24 0.00	47.98 -2.21 0.00	46.22 -2.12 0.00	44.07 -2.02 0.00	45.40 -2.05 0.00	52.73 -2.42 0.00	49.05 -2.29 0.00	48.05 -2.26 0.00	51.87 -2.52 0.00	50.13 -2.43 0.00	44.37 -2.11 0.00	49.97 -2.35 0.00	51.66 -2.47 0.00	49.46 -2.32 0.00	49.62 -2.33 0.00	56.21 -2.65 0.00	52.24 -2.46 0.00	51.09 -2.44 0.00	48.69 -2.35 0.00	42.20 -2.06 0.00	40.17 -1.96 0.00	44.40 -2.15 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	55.63 2.85 0.00	54.39 2.73 0.00	53.72 2.67 0.00	52.73 2.54 0.00	50.76 2.43 0.00	48.47 2.38 0.00	49.96 2.50 0.00	58.02 2.87 0.00	53.95 2.62 0.00	52.83 2.52 0.00	57.37 2.98 0.00	55.41 2.86 0.00	48.82 2.35 0.00	54.66 2.35 0.00	56.78 2.65 0.00	54.62 2.84 0.00	55.10 3.15 0.00	62.56 3.71 0.00	58.14 3.45 0.00	57.08 3.55 0.00	54.56 3.52 0.00	47.36 3.09 0.00	45.08 2.95 0.00	49.65 3.09 0.00
FORT ORANGE___ 23900	54.55 1.77 0.00	53.48 1.82 0.00	52.85 1.80 0.00	51.98 1.79 0.00	50.06 1.73 0.00	47.74 1.64 0.00	48.83 1.38 0.00	56.75 1.60 0.00	52.78 1.45 0.00	51.48 1.17 0.00	55.78 1.38 0.00	53.69 1.14 0.00	47.43 0.96 0.00	53.26 0.94 0.00	55.28 1.15 0.00	53.06 1.28 0.00	53.46 1.51 0.00	60.65 1.79 0.00	56.35 1.65 0.00	55.34 1.81 0.00	52.86 1.82 0.00	45.93 1.66 0.00	43.93 1.80 0.00	48.73 2.17 0.00
FORT_DRUM_COGEN 23780	51.55 -1.23 0.00	50.25 -1.41 0.00	49.53 -1.51 0.00	48.83 -1.36 0.00	46.97 -1.36 0.00	44.82 -1.28 0.00	46.82 -0.64 0.00	56.13 0.98 0.00	52.39 1.06 0.00	50.87 0.56 0.00	55.00 0.60 0.00	53.23 0.67 0.00	46.32 -0.15 0.00	53.92 1.60 0.00	54.93 0.81 0.00	51.53 -0.25 0.00	51.30 -0.65 0.00	57.98 -0.87 0.00	53.82 -0.87 0.00	52.61 -0.91 0.00	49.58 -1.47 0.00	42.83 -1.43 0.00	40.66 -1.46 0.00	44.65 -1.90 0.00
FOX_HILLS___ESR 323835	55.81 3.03 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.39 0.00	49.96 2.51 0.00	57.94 2.79 0.00	53.92 2.59 0.00	53.00 2.69 0.00	57.32 2.92 0.00	55.39 2.84 0.00	48.81 2.34 0.00	54.60 2.29 0.00	56.61 2.48 0.00	54.47 2.68 0.00	54.90 2.95 0.00	62.26 3.41 0.00	58.10 3.41 0.00	57.06 3.53 0.00	54.63 3.59 0.00	47.45 3.18 0.00	45.17 3.04 0.00	49.69 3.14 0.00
FPL_FAR_ROCK_GT1 24212	56.45 3.67 0.00	55.09 3.44 0.00	54.30 3.25 0.00	53.22 3.03 0.00	51.20 2.87 0.00	48.98 2.89 0.00	50.46 3.00 0.00	58.51 3.35 0.00	54.33 3.00 0.00	53.46 3.15 0.00	58.01 3.62 0.00	56.16 3.61 0.00	49.36 2.88 0.00	55.41 3.10 0.00	57.62 3.49 0.00	99.18 3.80 -43.59	112.70 4.01 -56.74	72.25 4.46 -8.94	141.58 4.35 -82.53	123.79 4.28 -65.98	137.83 4.34 -82.45	89.30 4.02 -41.02	111.04 3.86 -65.05	51.56 4.01 -1.00
FPL_FAR_ROCK_GT2 23815	56.45 3.67 0.00	55.09 3.44 0.00	54.30 3.25 0.00	53.22 3.03 0.00	51.20 2.87 0.00	48.98 2.89 0.00	50.46 3.00 0.00	58.51 3.35 0.00	54.33 3.00 0.00	53.46 3.15 0.00	58.01 3.62 0.00	56.16 3.61 0.00	49.36 2.88 0.00	55.41 3.10 0.00	57.62 3.49 0.00	99.18 3.80 -43.59	112.70 4.01 -56.74	72.25 4.46 -8.94	141.58 4.35 -82.53	123.79 4.28 -65.98	137.83 4.34 -82.45	89.30 4.02 -41.02	111.04 3.86 -65.05	51.56 4.01 -1.00
FRANKLIN_FALL_HYD 24054	53.66 0.88 0.00	52.52 0.87 0.00	51.89 0.85 0.00	51.10 0.91 0.00	49.17 0.84 0.00	46.84 0.75 0.00	48.35 0.89 0.00	56.58 1.43 0.00	53.15 1.82 0.00	52.49 2.18 0.00	56.85 2.45 0.00	55.04 2.49 0.00	48.82 2.34 0.00	55.19 2.87 0.00	56.96 2.83 0.00	53.90 2.12 0.00	53.41 1.46 0.00	60.51 1.66 0.00	56.01 1.32 0.00	54.56 1.04 0.00	51.91 0.87 0.00	44.78 0.51 0.00	42.39 0.26 0.00	46.91 0.36 0.00

FREEPORT_EQUS_GT1 23764	56.49 3.70 0.00	55.15 3.50 0.00	54.33 3.28 0.00	53.21 3.02 0.00	51.21 2.88 0.00	49.00 2.91 0.00	50.39 2.93 0.00	58.44 3.29 0.00	54.26 2.93 0.00	53.50 3.19 0.00	57.83 3.44 0.00	55.91 3.36 0.00	49.13 2.65 0.00	55.10 2.79 0.00	57.27 3.14 0.00	87.05 3.53 -31.74	96.94 3.68 -41.31	69.38 4.02 -6.51	118.81 4.02 -60.09	105.65 4.08 -48.04	115.08 4.00 -60.03	77.66 3.53 -29.86	93.09 3.60 -47.36	51.04 3.76 -0.73
FREEPORT___CT2 23818	56.49 3.70 0.00	55.15 3.50 0.00	54.33 3.28 0.00	53.21 3.02 0.00	51.21 2.88 0.00	49.00 2.91 0.00	50.39 2.93 0.00	58.44 3.29 0.00	54.26 2.93 0.00	53.50 3.19 0.00	57.83 3.44 0.00	55.91 3.36 0.00	49.13 2.65 0.00	55.10 2.79 0.00	57.27 3.14 0.00	87.05 3.53 -31.74	96.94 3.68 -41.31	69.38 4.02 -6.51	118.81 4.02 -60.09	105.65 4.08 -48.04	115.08 4.00 -60.03	77.66 3.53 -29.86	93.09 3.60 -47.36	51.04 3.76 -0.73
FRESHKLS_33_KV_LOAD 356253	55.80 3.02 0.00	54.51 2.86 0.00	53.86 2.82 0.00	52.84 2.65 0.00	50.84 2.51 0.00	48.56 2.46 0.00	50.04 2.58 0.00	58.02 2.87 0.00	53.92 2.59 0.00	52.97 2.66 0.00	57.17 2.78 0.00	55.20 2.65 0.00	48.67 2.19 0.00	54.40 2.09 0.00	56.40 2.28 0.00	54.31 2.53 0.00	54.79 2.84 0.00	62.08 3.23 0.00	58.04 3.34 0.00	57.02 3.50 0.00	54.72 3.68 0.00	47.53 3.26 0.00	45.23 3.11 0.00	49.72 3.17 0.00
FULTON COGEN____ 23766	50.59 -2.20 0.00	49.46 -2.20 0.00	48.88 -2.16 0.00	48.06 -2.13 0.00	46.30 -2.03 0.00	44.16 -1.94 0.00	45.51 -1.95 0.00	52.88 -2.28 0.00	49.21 -2.13 0.00	48.21 -2.10 0.00	52.05 -2.35 0.00	50.27 -2.28 0.00	44.48 -2.00 0.00	50.13 -2.18 0.00	51.77 -2.36 0.00	49.60 -2.18 0.00	49.81 -2.14 0.00	56.43 -2.43 0.00	52.44 -2.26 0.00	51.28 -2.25 0.00	48.84 -2.20 0.00	42.32 -1.94 0.00	40.30 -1.83 0.00	44.51 -2.04 0.00
FULTON___LFGE 323630	54.26 1.47 0.00	53.05 1.39 0.00	52.42 1.38 0.00	51.55 1.36 0.00	49.66 1.33 0.00	47.43 1.34 0.00	49.02 1.56 0.00	57.17 2.01 0.00	53.07 1.74 0.00	51.74 1.43 0.00	55.42 1.03 0.00	53.42 0.86 0.00	47.10 0.62 0.00	54.00 1.68 0.00	56.16 2.03 0.00	53.63 1.85 0.00	54.02 2.07 0.00	61.29 2.43 0.00	56.92 2.22 0.00	55.62 2.10 0.00	52.93 1.89 0.00	45.90 1.63 0.00	43.45 1.33 0.00	47.82 1.27 0.00
G.F.CEMENT___DRP 24184	55.54 2.76 0.00	54.42 2.77 0.00	53.84 2.79 0.00	52.99 2.80 0.00	51.12 2.79 0.00	48.81 2.72 0.00	50.35 2.89 0.00	58.60 3.45 0.00	54.15 2.82 0.00	52.47 2.16 0.00	56.63 2.24 0.00	54.51 1.96 0.00	48.31 1.83 0.00	54.79 2.48 0.00	57.34 3.21 0.00	54.98 3.20 0.00	55.47 3.52 0.00	62.88 4.02 0.00	58.43 3.73 0.00	57.22 3.69 0.00	54.42 3.38 0.00	47.24 2.97 0.00	44.77 2.64 0.00	49.44 2.89 0.00
GARDENVILLE___LBMP 24039	49.58 -3.20 0.00	48.44 -3.22 0.00	48.07 -2.98 0.00	47.32 -2.87 0.00	45.74 -2.59 0.00	43.20 -2.90 0.00	44.56 -2.89 0.00	50.68 -4.47 0.00	46.80 -4.53 0.00	45.92 -4.27 0.12	49.11 -5.13 0.15	48.17 -4.38 0.00	42.44 -3.90 0.14	47.81 -4.34 0.17	48.29 -4.75 1.09	36.54 -4.43 10.81	25.57 -4.90 21.48	30.37 -5.69 22.80	27.24 -5.13 22.33	24.70 -5.45 23.39	22.80 -5.49 22.76	18.10 -4.83 21.34	17.33 -4.41 20.38	21.61 -4.46 20.49
GARDNVLA_35_KV_LD 355827	50.08 -2.70 0.00	48.90 -2.76 0.00	48.48 -2.57 0.00	47.71 -2.48 0.00	46.12 -2.21 0.00	43.54 -2.55 0.00	44.93 -2.53 0.00	51.15 -4.01 0.00	47.30 -4.03 0.00	46.46 -3.76 0.09	49.69 -4.58 0.12	48.73 -3.82 0.00	42.96 -3.40 0.11	48.41 -3.78 0.13	49.06 -4.21 0.86	39.35 -3.98 8.46	30.73 -4.41 16.81	35.91 -5.10 17.84	32.63 -4.59 17.48	30.29 -4.93 18.31	28.23 -5.01 17.80	23.20 -4.43 16.64	22.15 -4.06 15.91	26.44 -4.08 16.03
GELCKHM___115KV_LOAD 80723	51.35 -1.43 0.00	50.21 -1.45 0.00	49.63 -1.41 0.00	48.78 -1.41 0.00	46.99 -1.35 0.00	44.81 -1.29 0.00	46.21 -1.25 0.00	53.65 -1.50 0.00	49.88 -1.45 0.00	48.86 -1.45 0.00	52.74 -1.65 0.00	50.91 -1.64 0.00	45.10 -1.38 0.00	50.83 -1.48 0.00	52.49 -1.64 0.00	50.31 -1.48 0.00	50.50 -1.45 0.00	57.19 -1.67 0.00	53.15 -1.55 0.00	51.96 -1.56 0.00	49.50 -1.54 0.00	42.90 -1.36 0.00	40.83 -1.30 0.00	45.11 -1.45 0.00
GENERAL___MILLS 23808	49.88 -2.90 0.00	48.74 -2.92 0.00	48.32 -2.73 0.00	47.56 -2.63 0.00	45.98 -2.36 0.00	43.41 -2.69 0.00	44.79 -2.67 0.00	50.96 -4.20 0.00	47.11 -4.23 0.00	46.25 -3.96 0.10	49.47 -4.81 0.12	48.51 -4.05 0.00	42.75 -3.61 0.12	48.18 -3.99 0.14	48.80 -4.43 0.89	38.81 -4.15 8.82	29.81 -4.60 17.54	34.90 -5.35 18.61	31.65 -4.82 18.22	29.28 -5.16 19.09	27.26 -5.22 18.56	22.30 -4.60 17.36	21.31 -4.21 16.60	25.61 -4.22 16.72
GE_PLASTICS___DRP 24183	54.11 1.32 0.00	53.02 1.36 0.00	52.40 1.35 0.00	51.52 1.33 0.00	49.61 1.27 0.00	47.31 1.22 0.00	48.50 1.05 0.00	56.34 1.19 0.00	52.42 1.09 0.00	51.24 0.93 0.00	55.56 1.16 0.00	53.54 0.99 0.00	47.32 0.85 0.00	53.09 0.77 0.00	55.04 0.91 0.00	52.81 1.03 0.00	53.17 1.22 0.00	60.27 1.41 0.00	55.99 1.30 0.00	54.93 1.41 0.00	52.49 1.45 0.00	45.60 1.34 0.00	43.55 1.42 0.00	48.25 1.70 0.00
GILBOA___1 23756	53.79 1.01 0.00	52.66 1.00 0.00	52.05 1.00 0.00	51.14 0.95 0.00	49.25 0.92 0.00	46.99 0.90 0.00	48.37 0.92 0.00	56.18 1.03 0.00	52.28 0.95 0.00	51.19 0.88 0.00	55.45 1.06 0.00	53.49 0.94 0.00	47.28 0.81 0.00	53.07 0.75 0.00	55.00 0.87 0.00	52.78 1.00 0.00	53.11 1.16 0.00	60.21 1.35 0.00	55.93 1.23 0.00	54.81 1.28 0.00	52.35 1.31 0.00	45.44 1.18 0.00	43.28 1.15 0.00	47.80 1.25 0.00
GILBOA___2 23757	53.79 1.01 0.00	52.66 1.00 0.00	52.05 1.00 0.00	51.14 0.95 0.00	49.25 0.92 0.00	46.99 0.90 0.00	48.37 0.92 0.00	56.18 1.03 0.00	52.28 0.95 0.00	51.19 0.88 0.00	55.45 1.06 0.00	53.49 0.94 0.00	47.28 0.81 0.00	53.07 0.75 0.00	55.00 0.87 0.00	52.78 1.00 0.00	53.11 1.16 0.00	60.21 1.35 0.00	55.93 1.23 0.00	54.81 1.28 0.00	52.35 1.31 0.00	45.44 1.18 0.00	43.28 1.15 0.00	47.80 1.25 0.00
GILBOA___3 23758	53.79 1.01 0.00	52.66 1.00 0.00	52.05 1.00 0.00	51.14 0.95 0.00	49.25 0.92 0.00	46.99 0.90 0.00	48.37 0.92 0.00	56.18 1.03 0.00	52.28 0.95 0.00	51.19 0.88 0.00	55.45 1.06 0.00	53.49 0.94 0.00	47.28 0.81 0.00	53.07 0.75 0.00	55.00 0.87 0.00	52.78 1.00 0.00	53.11 1.16 0.00	60.21 1.35 0.00	55.93 1.23 0.00	54.81 1.28 0.00	52.35 1.31 0.00	45.44 1.18 0.00	43.28 1.15 0.00	47.80 1.25 0.00
GILBOA___4 23759	53.79 1.01 0.00	52.66 1.00 0.00	52.05 1.00 0.00	51.14 0.95 0.00	49.25 0.92 0.00	46.99 0.90 0.00	48.37 0.92 0.00	56.18 1.03 0.00	52.28 0.95 0.00	51.19 0.88 0.00	55.45 1.06 0.00	53.49 0.94 0.00	47.28 0.81 0.00	53.07 0.75 0.00	55.00 0.87 0.00	52.78 1.00 0.00	53.11 1.16 0.00	60.21 1.35 0.00	55.93 1.23 0.00	54.81 1.28 0.00	52.35 1.31 0.00	45.44 1.18 0.00	43.28 1.15 0.00	47.80 1.25 0.00

GILBOA____ 23599	53.79 1.01 0.00	52.66 1.00 0.00	52.05 1.00 0.00	51.14 0.95 0.00	49.25 0.92 0.00	46.99 0.89 0.00	48.37 0.92 0.00	56.18 1.03 0.00	52.29 0.96 0.00	51.19 0.88 0.00	55.45 1.05 0.00	53.49 0.94 0.00	47.28 0.80 0.00	53.07 0.75 0.00	55.01 0.88 0.00	52.79 1.01 0.00	53.11 1.16 0.00	60.22 1.36 0.00	55.93 1.23 0.00	54.81 1.29 0.00	52.35 1.32 0.00	45.45 1.19 0.00	43.28 1.16 0.00	47.81 1.26 0.00
GINNA____ 23603	48.61 -4.17 0.00	47.47 -4.19 0.00	46.92 -4.13 0.00	46.10 -4.09 0.00	44.42 -3.91 0.00	42.18 -3.92 0.00	43.45 -4.00 0.00	50.14 -5.01 0.00	46.58 -4.75 0.00	45.74 -4.57 0.00	49.14 -5.25 0.00	47.81 -4.74 0.00	42.44 -4.04 0.00	47.77 -4.54 0.00	49.30 -4.83 0.00	47.26 -4.52 0.00	47.33 -4.62 0.00	53.59 -5.26 0.00	49.80 -4.89 0.00	48.47 -5.06 0.00	46.02 -5.02 0.00	39.83 -4.43 0.00	37.92 -4.20 0.00	42.03 -4.53 0.00
GLEN PARK____ 23778	51.57 -1.21 0.00	50.28 -1.38 0.00	49.57 -1.48 0.00	48.86 -1.32 0.00	47.01 -1.32 0.00	44.86 -1.24 0.00	46.86 -0.60 0.00	56.13 0.98 0.00	52.40 1.07 0.00	50.82 0.51 0.00	54.99 0.59 0.00	53.20 0.64 0.00	46.28 -0.20 0.00	54.01 1.70 0.00	55.04 0.91 0.00	51.70 -0.09 0.00	51.51 -0.44 0.00	58.25 -0.60 0.00	54.05 -0.65 0.00	52.83 -0.69 0.00	49.68 -1.36 0.00	42.88 -1.39 0.00	40.70 -1.43 0.00	44.68 -1.87 0.00
GLENDALE_27_KV_LOAD 356172	56.03 3.25 0.00	54.73 3.07 0.00	54.00 2.95 0.00	52.93 2.74 0.00	50.93 2.60 0.00	48.64 2.54 0.00	50.09 2.64 0.00	58.07 2.92 0.00	54.06 2.73 0.00	53.18 2.87 0.00	57.68 3.29 0.00	55.79 3.23 0.00	49.15 2.67 0.00	55.02 2.70 0.00	57.02 2.89 0.00	54.84 3.06 0.00	55.24 3.29 0.00	62.66 3.80 0.00	58.35 3.65 0.00	57.33 3.80 0.00	54.85 3.81 0.00	47.65 3.39 0.00	45.40 3.27 0.00	49.93 3.38 0.00
GLENWOOD_IC_1_G5 23712	56.03 3.25 0.00	54.74 3.08 0.00	53.99 2.95 0.00	52.91 2.72 0.00	50.92 2.58 0.00	48.67 2.58 0.00	50.13 2.67 0.00	58.16 3.01 0.00	54.02 2.69 0.00	53.16 2.85 0.00	57.63 3.23 0.00	55.69 3.13 0.00	49.01 2.53 0.00	54.92 2.60 0.00	57.03 2.90 0.00	93.72 3.16 -38.78	105.78 3.36 -50.47	70.58 3.78 -7.95	131.78 3.68 -73.41	116.00 3.78 -58.69	128.21 3.83 -73.34	84.14 3.39 -36.49	103.30 3.31 -57.86	50.86 3.42 -0.89
GLENWOOD_IC_2_G1 23688	55.76 2.97 0.00	54.47 2.81 0.00	53.75 2.70 0.00	52.68 2.50 0.00	50.71 2.37 0.00	48.46 2.36 0.00	49.91 2.46 0.00	57.90 2.74 0.00	53.80 2.47 0.00	52.90 2.59 0.00	57.38 2.98 0.00	55.40 2.85 0.00	48.78 2.31 0.00	54.64 2.33 0.00	56.71 2.58 0.00	56.38 2.80 -1.80	57.31 3.03 -2.34	62.67 3.45 -0.37	61.41 3.32 -3.39	59.70 3.45 -2.72	57.92 3.49 -3.39	49.07 3.12 -1.69	47.83 3.02 -2.68	49.73 3.13 -0.04
GLENWOOD_IC_3_G1 23689	55.76 2.97 0.00	54.47 2.81 0.00	53.75 2.70 0.00	52.68 2.50 0.00	50.71 2.37 0.00	48.46 2.36 0.00	49.91 2.46 0.00	57.90 2.74 0.00	53.80 2.47 0.00	52.90 2.59 0.00	57.38 2.98 0.00	55.40 2.85 0.00	48.78 2.31 0.00	54.64 2.33 0.00	56.71 2.58 0.00	56.38 2.80 -1.80	57.31 3.03 -2.34	62.67 3.45 -0.37	61.41 3.32 -3.39	59.70 3.45 -2.72	57.92 3.49 -3.39	49.07 3.12 -1.69	47.83 3.02 -2.68	49.73 3.13 -0.04
GLENWOOD____4 23550	56.03 3.25 0.00	54.74 3.08 0.00	53.99 2.95 0.00	52.91 2.72 0.00	50.92 2.58 0.00	48.67 2.58 0.00	50.13 2.67 0.00	58.16 3.01 0.00	54.02 2.69 0.00	53.16 2.85 0.00	57.63 3.23 0.00	55.69 3.13 0.00	49.01 2.53 0.00	54.92 2.60 0.00	57.03 2.90 0.00	93.72 3.16 -38.78	105.78 3.36 -50.47	70.58 3.78 -7.95	131.78 3.68 -73.41	116.00 3.78 -58.69	128.21 3.83 -73.34	84.14 3.39 -36.49	103.30 3.31 -57.86	50.86 3.42 -0.89
GLENWOOD____5 23614	56.03 3.25 0.00	54.74 3.08 0.00	53.99 2.95 0.00	52.91 2.72 0.00	50.92 2.58 0.00	48.67 2.58 0.00	50.13 2.67 0.00	58.16 3.01 0.00	54.02 2.69 0.00	53.16 2.85 0.00	57.63 3.23 0.00	55.69 3.13 0.00	49.01 2.53 0.00	54.92 2.60 0.00	57.03 2.90 0.00	93.72 3.16 -38.78	105.78 3.36 -50.47	70.58 3.78 -7.95	131.78 3.68 -73.41	116.00 3.78 -58.69	128.21 3.83 -73.34	84.14 3.39 -36.49	103.30 3.31 -57.86	50.86 3.42 -0.89
GLOBAL GREEN_PORT_GT1 23814	58.57 5.79 0.00	57.18 5.52 0.00	56.37 5.32 0.00	55.20 5.01 0.00	53.12 4.78 0.00	50.90 4.80 0.00	52.45 4.99 0.00	60.83 5.68 0.00	56.35 5.02 0.00	55.43 5.12 0.00	59.62 5.23 0.00	57.67 5.12 0.00	50.59 4.12 0.00	56.88 4.56 0.00	58.97 4.84 0.00	81.60 5.47 -24.35	89.51 5.87 -31.70	69.86 6.02 -4.99	106.75 5.96 -46.10	96.53 6.14 -36.86	103.45 6.35 -46.06	72.74 5.56 -22.91	84.13 5.66 -36.34	52.95 5.84 -0.56
GLOBE____DSASP 323697	48.16 -4.62 0.00	47.04 -4.62 0.00	46.56 -4.49 0.00	45.76 -4.43 0.00	44.11 -4.23 0.00	41.51 -4.59 0.00	42.61 -4.85 0.00	48.22 -6.93 0.00	44.63 -6.71 0.00	44.01 -6.22 0.08	47.11 -7.19 0.10	46.25 -6.30 0.00	40.91 -5.47 0.09	46.20 -6.00 0.11	47.25 -6.17 0.70	39.09 -5.72 6.97	31.90 -6.19 13.86	36.98 -7.16 14.71	33.77 -6.52 14.40	31.54 -6.89 15.09	29.50 -6.85 14.69	24.47 -5.99 13.81	23.42 -5.52 13.18	27.77 -5.56 13.22
GOETHSLN____LBMP 323567	55.39 2.61 0.00	54.07 2.42 0.00	53.39 2.34 0.00	52.32 2.14 0.00	50.35 2.02 0.00	48.10 2.00 0.00	49.58 2.12 0.00	57.54 2.38 0.00	53.49 2.16 0.00	52.53 2.22 0.00	56.97 2.57 0.00	54.96 2.41 0.00	48.47 1.99 0.00	54.28 1.96 0.00	56.27 2.15 0.00	54.11 2.33 0.00	54.59 2.64 0.00	61.96 3.11 0.00	57.64 2.94 0.00	56.63 3.10 0.00	54.16 3.11 0.00	47.07 2.80 0.00	44.84 2.71 0.00	49.35 2.79 0.00
GOLAH____69_KV_TB 1_2 80279	50.96 -1.83 0.00	49.76 -1.89 0.00	49.23 -1.81 0.00	48.36 -1.82 0.00	46.65 -1.69 0.00	44.16 -1.94 0.00	45.51 -1.95 0.00	52.31 -2.85 0.00	48.59 -2.74 0.00	47.75 -2.56 0.00	50.98 -3.41 0.00	49.84 -2.72 0.00	44.28 -2.20 0.00	49.81 -2.51 0.00	51.39 -2.74 0.00	49.26 -2.52 0.00	49.27 -2.68 0.00	55.79 -3.06 0.00	51.90 -2.79 0.00	50.43 -3.10 0.00	47.86 -3.19 -0.01	41.44 -2.85 -0.03	39.48 -2.67 -0.02	43.79 -2.76 0.00
GOODYEAR_LAKE_HYD 323669	53.46 0.67 0.00	52.26 0.61 0.00	51.67 0.63 0.00	50.76 0.57 0.00	48.91 0.58 0.00	46.71 0.61 0.00	48.34 0.88 0.00	56.27 1.12 0.00	52.47 1.14 0.00	51.51 1.20 0.00	55.67 1.27 0.00	53.75 1.20 0.00	47.45 0.97 0.00	53.41 1.10 0.00	55.12 1.00 0.00	52.82 1.04 0.00	53.03 1.08 0.00	60.08 1.22 0.00	55.80 1.11 0.00	54.57 1.04 0.00	51.97 0.93 0.00	45.06 0.79 0.00	42.78 0.65 0.00	47.09 0.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.81 -0.97 0.00	50.65 -1.00 0.00	50.17 -0.88 0.00	49.25 -0.94 0.00	47.47 -0.86 0.00	45.24 -0.86 0.00	46.85 -0.61 0.00	54.21 -0.94 0.00	50.29 -1.05 0.00	49.20 -1.11 0.00	53.14 -1.26 0.00	51.33 -1.22 0.00	45.31 -1.16 0.00	51.12 -1.19 0.00	52.71 -1.42 0.00	50.61 -1.17 0.00	50.72 -1.23 0.00	57.39 -1.46 0.00	53.41 -1.28 0.00	52.26 -1.27 0.00	49.76 -1.28 0.00	43.13 -1.13 0.00	41.07 -1.06 0.00	45.35 -1.20 0.00

GOUDEY___7 23579	51.81 -0.97 0.00	50.65 -1.00 0.00	50.17 -0.88 0.00	49.25 -0.94 0.00	47.47 -0.86 0.00	45.24 -0.86 0.00	46.85 -0.61 0.00	54.21 -0.94 0.00	50.29 -1.05 0.00	49.20 -1.11 0.00	53.14 -1.26 0.00	51.33 -1.22 0.00	45.31 -1.16 0.00	51.12 -1.19 0.00	52.71 -1.42 0.00	50.61 -1.17 0.00	50.72 -1.23 0.00	57.39 -1.46 0.00	53.41 -1.28 0.00	52.26 -1.27 0.00	49.76 -1.28 0.00	43.13 -1.13 0.00	41.07 -1.06 0.00	45.35 -1.20 0.00
GOUDEY___8 23580	51.81 -0.97 0.00	50.65 -1.00 0.00	50.17 -0.88 0.00	49.25 -0.94 0.00	47.47 -0.86 0.00	45.24 -0.86 0.00	46.85 -0.61 0.00	54.21 -0.94 0.00	50.29 -1.05 0.00	49.20 -1.11 0.00	53.14 -1.26 0.00	51.33 -1.22 0.00	45.31 -1.16 0.00	51.12 -1.19 0.00	52.71 -1.42 0.00	50.61 -1.17 0.00	50.72 -1.23 0.00	57.39 -1.46 0.00	53.41 -1.28 0.00	52.26 -1.27 0.00	49.76 -1.28 0.00	43.13 -1.13 0.00	41.07 -1.06 0.00	45.35 -1.20 0.00
GOWANUS_GT1_1 24077	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT1_2 24078	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT1_3 24079	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT1_4 24080	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT1_5 24084	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT1_6 24111	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT1_7 24112	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT1_8 24113	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT2_1 24114	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT2_2 24115	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT2_3 24116	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT2_4 24117	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT2_5 24118	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00

GOWANUS_GT2_6 24119	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT2_7 24120	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT2_8 24121	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_1 24122	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_2 24123	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_3 24124	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_4 24125	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_5 24126	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_6 24127	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_7 24128	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT3_8 24129	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
GOWANUS_GT4_1 24130	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT4_2 24131	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT4_3 24132	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT4_4 24133	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00

GOWANUS_GT4_5 24134	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT4_6 24135	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT4_7 24136	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GOWANUS_GT4_8 24137	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GREATVRV_69_KV_BK1 356245	57.53 4.74 0.00	56.13 4.47 0.00	55.32 4.27 0.00	54.15 3.97 0.00	52.10 3.76 0.00	49.88 3.78 0.00	51.33 3.87 0.00	59.49 4.33 0.00	55.16 3.83 0.00	54.45 4.14 0.00	58.68 4.29 0.00	56.77 4.21 0.00	49.75 3.28 0.00	55.89 3.57 0.00	58.18 4.05 0.00	81.28 4.55 -24.94	89.13 4.72 -32.46	68.86 4.89 -5.11	106.81 4.90 -47.22	96.30 5.02 -37.75	103.46 5.24 -47.17	72.33 4.60 -23.47	83.91 4.56 -37.22	51.80 4.67 -0.57
GREENBSH_115KV_TB3 55895	54.22 1.44 0.00	53.15 1.49 0.00	52.53 1.49 0.00	51.67 1.48 0.00	49.74 1.41 0.00	47.43 1.33 0.00	48.50 1.05 0.00	56.35 1.20 0.00	52.41 1.07 0.00	51.20 0.89 0.00	55.56 1.17 0.00	53.53 0.97 0.00	47.30 0.82 0.00	52.95 0.64 0.00	54.91 0.78 0.00	52.67 0.89 0.00	53.05 1.10 0.00	60.14 1.29 0.00	55.89 1.19 0.00	54.89 1.37 0.00	52.46 1.42 0.00	45.61 1.34 0.00	43.64 1.51 0.00	48.44 1.89 0.00
GREENDGE_115KV_TB5 80291	51.07 -1.71 0.00	49.90 -1.76 0.00	49.46 -1.59 0.00	48.66 -1.53 0.00	47.07 -1.27 0.00	44.94 -1.15 0.00	46.72 -0.74 0.00	53.63 -1.53 0.00	49.37 -1.97 0.00	48.48 -1.98 -0.15	52.08 -2.50 -0.18	49.60 -2.96 0.00	44.69 -1.96 -0.17	50.07 -2.45 -0.20	52.31 -3.13 -1.30	61.76 -2.94 -12.92	74.58 -3.05 -25.68	82.64 -3.47 -27.25	78.30 -3.09 -26.69	78.37 -3.12 -27.96	75.14 -3.12 -27.21	67.01 -2.82 -25.56	63.82 -2.71 -24.40	68.00 -3.04 -24.49
GREENIDGE___3 23582	51.07 -1.71 0.00	49.90 -1.76 0.00	49.46 -1.59 0.00	48.66 -1.53 0.00	47.07 -1.27 0.00	44.94 -1.15 0.00	46.72 -0.74 0.00	53.63 -1.53 0.00	49.37 -1.97 0.00	48.48 -1.98 -0.15	52.08 -2.50 -0.18	49.60 -2.96 0.00	44.69 -1.96 -0.17	50.07 -2.45 -0.20	52.31 -3.13 -1.30	61.76 -2.94 -12.92	74.58 -3.05 -25.68	82.64 -3.47 -27.25	78.30 -3.09 -26.69	78.37 -3.12 -27.96	75.14 -3.12 -27.21	67.01 -2.82 -25.56	63.82 -2.71 -24.40	68.00 -3.04 -24.49
GREENIDGE___4 23583	51.07 -1.71 0.00	49.90 -1.76 0.00	49.46 -1.59 0.00	48.66 -1.53 0.00	47.07 -1.26 0.00	44.95 -1.15 0.00	46.72 -0.74 0.00	53.62 -1.53 0.00	49.37 -1.97 0.00	48.50 -1.96 -0.15	52.09 -2.49 -0.18	49.59 -2.96 0.00	44.69 -1.96 -0.17	50.07 -2.45 -0.20	52.31 -3.13 -1.30	61.77 -2.94 -12.92	74.58 -3.05 -25.68	82.64 -3.47 -27.25	78.29 -3.10 -26.69	78.37 -3.12 -27.96	75.14 -3.12 -27.21	67.00 -2.82 -25.56	63.82 -2.70 -24.40	68.02 -3.03 -24.49
GREENLWN_69_KV_BK 3 55738	56.44 3.65 0.00	55.11 3.45 0.00	54.33 3.28 0.00	53.22 3.03 0.00	51.18 2.85 0.00	48.99 2.90 0.00	50.34 2.88 0.00	58.31 3.16 0.00	54.09 2.76 0.00	53.48 3.17 0.00	57.72 3.32 0.00	55.81 3.26 0.00	49.03 2.56 0.00	55.01 2.69 0.00	57.25 3.12 0.00	80.11 3.53 -24.79	87.79 3.58 -32.26	67.64 3.70 -5.08	105.44 3.82 -46.92	94.95 3.90 -37.52	102.06 4.14 -46.88	71.24 3.65 -23.32	82.76 3.65 -36.99	50.83 3.71 -0.57
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00
GRISSOM___SOLAR 323813	54.52 1.74 0.00	53.31 1.66 0.00	52.68 1.64 0.00	51.82 1.63 0.00	49.92 1.58 0.00	47.67 1.57 0.00	49.23 1.77 0.00	57.38 2.23 0.00	53.26 1.93 0.00	51.85 1.54 0.00	55.55 1.16 0.00	53.47 0.91 0.00	47.12 0.65 0.00	54.11 1.79 0.00	56.29 2.17 0.00	53.81 2.03 0.00	54.23 2.28 0.00	61.53 2.68 0.00	57.13 2.43 0.00	55.86 2.33 0.00	53.19 2.15 0.00	46.12 1.86 0.00	43.70 1.58 0.00	48.13 1.58 0.00
GROVEVILLE___HYD 323602	55.63 2.85 0.00	54.39 2.73 0.00	53.72 2.67 0.00	52.73 2.54 0.00	50.76 2.43 0.00	48.47 2.38 0.00	49.96 2.50 0.00	58.02 2.87 0.00	53.95 2.62 0.00	52.83 2.52 0.00	57.37 2.98 0.00	55.41 2.86 0.00	48.82 2.35 0.00	54.66 2.35 0.00	56.78 2.65 0.00	54.62 2.84 0.00	55.10 3.15 0.00	62.56 3.71 0.00	58.14 3.45 0.00	57.08 3.55 0.00	54.56 3.52 0.00	47.36 3.09 0.00	45.08 2.95 0.00	49.65 3.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.68 -1.10 0.00	50.54 -1.12 0.00	49.99 -1.06 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.13 -0.97 0.00	46.58 -0.88 0.00	54.08 -1.08 0.00	50.26 -1.08 0.00	49.22 -1.09 0.00	53.10 -1.30 0.00	51.23 -1.32 0.00	45.40 -1.07 0.00	51.19 -1.12 0.00	52.84 -1.29 0.00	50.67 -1.12 0.00	50.87 -1.08 0.00	57.62 -1.23 0.00	53.55 -1.15 0.00	52.33 -1.19 0.00	49.86 -1.18 0.00	43.21 -1.06 0.00	41.10 -1.03 0.00	45.41 -1.15 0.00
HAMLTNNY_34_KV_TB 80303	51.76 -1.02 0.00	50.59 -1.06 0.00	50.06 -0.98 0.00	49.19 -1.00 0.00	47.41 -0.93 0.00	45.19 -0.91 0.00	46.63 -0.83 0.00	54.08 -1.07 0.00	50.22 -1.12 0.00	49.21 -1.10 0.00	52.98 -1.42 0.00	51.03 -1.52 0.00	45.36 -1.12 0.00	51.18 -1.13 0.00	52.77 -1.36 0.00	50.59 -1.19 0.00	50.84 -1.10 0.00	57.60 -1.25 0.00	53.52 -1.18 0.00	52.26 -1.26 0.00	49.80 -1.25 0.00	43.13 -1.13 0.00	41.01 -1.12 0.00	45.33 -1.22 0.00

HAMPSHIRE___PAPER_HYD 323593	52.79 0.01 0.00	51.51 -0.15 0.00	50.74 -0.30 0.00	49.97 -0.22 0.00	48.03 -0.31 0.00	45.73 -0.36 0.00	47.44 -0.02 0.00	56.05 0.89 0.00	52.36 1.02 0.00	51.20 0.90 0.00	55.28 0.88 0.00	53.66 1.10 0.00	47.20 0.73 0.00	54.01 1.69 0.00	55.46 1.33 0.00	52.24 0.46 0.00	51.91 -0.03 0.00	58.57 -0.29 0.00	54.40 -0.30 0.00	53.13 -0.40 0.00	50.28 -0.77 0.00	43.48 -0.79 0.00	41.32 -0.81 0.00	45.55 -1.00 0.00
HARDSCRABBLE_WT_PWR 323673	54.27 1.49 0.00	53.15 1.49 0.00	52.57 1.52 0.00	51.69 1.50 0.00	49.80 1.47 0.00	47.68 1.58 0.00	49.32 1.86 0.00	57.65 2.50 0.00	53.52 2.19 0.00	51.85 1.54 0.00	55.83 1.43 0.00	53.60 1.05 0.00	47.27 0.79 0.00	54.05 1.73 0.00	56.19 2.06 0.00	53.88 2.09 0.00	54.08 2.13 0.00	61.24 2.38 0.00	56.95 2.25 0.00	55.82 2.29 0.00	53.37 2.33 0.00	46.47 2.21 0.00	43.98 1.86 0.00	48.41 1.86 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	55.28 2.50 0.00	54.04 2.38 0.00	53.38 2.33 0.00	52.39 2.20 0.00	50.45 2.11 0.00	48.17 2.08 0.00	49.66 2.21 0.00	57.63 2.47 0.00	53.55 2.21 0.00	52.47 2.15 0.00	56.89 2.49 0.00	54.90 2.34 0.00	48.36 1.88 0.00	54.19 1.87 0.00	56.23 2.11 0.00	54.07 2.29 0.00	54.55 2.60 0.00	61.99 3.14 0.00	57.62 2.93 0.00	56.57 3.05 0.00	54.07 3.03 0.00	46.96 2.69 0.00	44.70 2.58 0.00	49.23 2.67 0.00
HARSNRAD_115KV_TB1 81005	48.93 -3.86 0.00	47.80 -3.86 0.00	47.32 -3.73 0.00	46.53 -3.66 0.00	44.90 -3.44 0.00	42.32 -3.78 0.00	43.50 -3.96 0.00	49.47 -5.69 0.00	45.84 -5.49 0.00	45.12 -5.11 0.08	48.17 -6.12 0.10	47.37 -5.19 0.00	41.88 -4.50 0.09	47.20 -5.01 0.11	48.16 -5.27 0.70	39.90 -4.91 6.98	32.63 -5.44 13.88	37.80 -6.33 14.73	34.58 -5.70 14.42	32.35 -6.07 15.11	30.33 -6.05 14.66	25.36 -5.29 13.61	24.21 -4.86 13.06	28.45 -4.87 13.23
HARZA MOOSE___RIVER 24016	52.79 0.00 0.00	51.43 -0.23 0.00	50.69 -0.36 0.00	49.87 -0.32 0.00	48.02 -0.32 0.00	45.86 -0.23 0.00	47.74 0.28 0.00	56.43 1.27 0.00	52.64 1.31 0.00	51.46 1.15 0.00	55.48 1.09 0.00	53.67 1.12 0.00	46.97 0.50 0.00	53.77 1.45 0.00	55.26 1.13 0.00	52.15 0.37 0.00	52.19 0.24 0.00	58.90 0.04 0.00	54.72 0.02 0.00	53.47 -0.06 0.00	50.76 -0.28 0.00	43.95 -0.31 0.00	41.78 -0.35 0.00	45.98 -0.57 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	51.31 -1.47 0.00	50.18 -1.48 0.00	49.60 -1.45 0.00	48.73 -1.46 0.00	46.97 -1.37 0.00	44.76 -1.33 0.00	46.17 -1.28 0.00	53.58 -1.57 0.00	49.82 -1.51 0.00	48.81 -1.50 0.00	52.68 -1.72 0.00	50.89 -1.66 0.00	45.04 -1.44 0.00	50.77 -1.55 0.00	52.43 -1.70 0.00	50.26 -1.53 0.00	50.44 -1.51 0.00	57.13 -1.72 0.00	53.09 -1.60 0.00	51.91 -1.62 0.00	49.45 -1.59 0.00	42.85 -1.41 0.00	40.79 -1.34 0.00	45.07 -1.48 0.00
HELLGATE_13_KV_LD 55870	56.11 3.33 0.00	54.82 3.16 0.00	54.10 3.05 0.00	53.02 2.83 0.00	51.01 2.68 0.00	48.72 2.62 0.00	50.17 2.72 0.00	58.16 3.00 0.00	54.16 2.82 0.00	53.29 2.98 0.00	57.80 3.40 0.00	55.90 3.34 0.00	49.26 2.78 0.00	55.12 2.81 0.00	57.12 3.00 0.00	54.96 3.18 0.00	55.36 3.41 0.00	62.80 3.94 0.00	58.49 3.79 0.00	57.46 3.93 0.00	54.97 3.92 0.00	47.76 3.50 0.00	45.49 3.36 0.00	50.02 3.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	56.11 3.33 0.00	54.82 3.16 0.00	54.10 3.05 0.00	53.02 2.83 0.00	51.01 2.68 0.00	48.72 2.62 0.00	50.17 2.72 0.00	58.16 3.00 0.00	54.16 2.82 0.00	53.29 2.98 0.00	57.80 3.40 0.00	55.90 3.34 0.00	49.26 2.78 0.00	55.12 2.81 0.00	57.12 3.00 0.00	54.96 3.18 0.00	55.36 3.41 0.00	62.80 3.94 0.00	58.49 3.79 0.00	57.46 3.93 0.00	54.97 3.92 0.00	47.76 3.50 0.00	45.49 3.36 0.00	50.02 3.47 0.00
HEMPSTEAD____ 23647	56.01 3.22 0.00	54.72 3.06 0.00	53.92 2.87 0.00	52.82 2.64 0.00	50.83 2.50 0.00	48.62 2.53 0.00	50.03 2.57 0.00	58.05 2.90 0.00	53.89 2.55 0.00	53.09 2.78 0.00	57.44 3.05 0.00	55.53 2.98 0.00	48.82 2.35 0.00	54.74 2.43 0.00	56.87 2.74 0.00	89.41 3.06 -34.57	100.17 3.23 -44.99	69.48 3.54 -7.08	123.67 3.53 -65.44	109.48 3.63 -52.32	120.12 3.70 -65.38	80.05 3.26 -32.53	96.97 3.25 -51.58	50.70 3.35 -0.79
HICKLING___1 23621	50.43 -2.36 0.00	49.28 -2.38 0.00	48.96 -2.08 0.00	48.14 -2.05 0.00	46.60 -1.74 0.00	44.51 -1.58 0.00	46.45 -1.01 0.00	53.46 -1.70 0.00	49.19 -2.14 0.00	47.90 -2.46 -0.06	51.58 -2.89 -0.07	49.76 -2.79 0.00	43.94 -2.60 -0.06	49.54 -2.85 -0.08	51.07 -3.47 -0.41	52.82 -2.99 -4.03	56.76 -3.19 -8.00	63.66 -3.69 -8.49	59.82 -3.20 -8.32	59.11 -3.14 -8.71	56.38 -3.15 -8.48	49.44 -2.79 -7.97	47.10 -2.63 -7.61	51.22 -2.96 -7.63
HICKLING___2 23622	50.43 -2.36 0.00	49.28 -2.38 0.00	48.96 -2.08 0.00	48.14 -2.05 0.00	46.60 -1.74 0.00	44.51 -1.58 0.00	46.45 -1.01 0.00	53.46 -1.70 0.00	49.19 -2.14 0.00	47.90 -2.46 -0.06	51.58 -2.89 -0.07	49.76 -2.79 0.00	43.94 -2.60 -0.06	49.54 -2.85 -0.08	51.07 -3.47 -0.41	52.82 -2.99 -4.03	56.76 -3.19 -8.00	63.66 -3.69 -8.49	59.82 -3.20 -8.32	59.11 -3.14 -8.71	56.38 -3.15 -8.48	49.44 -2.79 -7.97	47.10 -2.63 -7.61	51.22 -2.96 -7.63
HIGH FALLS___HY 23754	55.69 2.90 0.00	54.39 2.73 0.00	53.72 2.67 0.00	52.72 2.54 0.00	50.74 2.40 0.00	48.48 2.39 0.00	50.08 2.62 0.00	58.14 2.98 0.00	54.07 2.73 0.00	52.90 2.59 0.00	57.36 2.96 0.00	55.55 3.00 0.00	48.95 2.47 0.00	54.54 2.22 0.00	56.92 2.79 0.00	54.79 3.01 0.00	55.35 3.40 0.00	62.93 4.08 0.00	58.47 3.77 0.00	57.36 3.83 0.00	54.80 3.76 0.00	47.53 3.27 0.00	45.19 3.06 0.00	49.67 3.11 0.00
HIGH_RIVER___SOLAR 323847	54.23 1.45 0.00	53.04 1.39 0.00	52.42 1.38 0.00	51.55 1.36 0.00	49.66 1.32 0.00	47.43 1.33 0.00	48.95 1.49 0.00	57.01 1.85 0.00	52.78 1.45 0.00	51.14 0.83 0.00	54.97 0.58 0.00	53.06 0.50 0.00	46.87 0.40 0.00	53.40 1.08 0.00	55.88 1.75 0.00	53.41 1.63 0.00	53.88 1.93 0.00	61.13 2.28 0.00	56.78 2.08 0.00	55.52 1.99 0.00	52.87 1.83 0.00	45.86 1.59 0.00	43.46 1.34 0.00	47.90 1.35 0.00
HILLBURN___GT 23639	55.16 2.38 0.00	53.92 2.26 0.00	53.26 2.21 0.00	52.27 2.08 0.00	50.31 1.98 0.00	48.05 1.96 0.00	49.53 2.07 0.00	57.46 2.31 0.00	53.39 2.05 0.00	52.36 2.05 0.00	56.76 2.37 0.00	54.73 2.18 0.00	48.28 1.81 0.00	54.07 1.76 0.00	56.05 1.92 0.00	53.88 2.10 0.00	54.35 2.40 0.00	61.74 2.89 0.00	57.43 2.73 0.00	56.38 2.85 0.00	53.92 2.87 0.00	46.86 2.59 0.00	44.62 2.50 0.00	49.15 2.60 0.00
HILLSIDE_115KV_TB1 80332	50.14 -2.65 0.00	49.00 -2.66 0.00	48.69 -2.36 0.00	47.78 -2.41 0.00	46.14 -2.20 0.00	43.97 -2.12 0.00	45.82 -1.64 0.00	52.74 -2.42 0.00	48.63 -2.70 0.00	47.43 -2.92 -0.04	51.23 -3.22 -0.05	49.46 -3.09 0.00	43.64 -2.89 -0.05	49.28 -3.09 -0.06	50.92 -3.58 -0.37	52.26 -3.15 -3.63	55.81 -3.35 -7.21	62.59 -3.92 -7.65	58.77 -3.41 -7.49	58.04 -3.33 -7.85	55.37 -3.31 -7.64	48.53 -2.91 -7.17	46.21 -2.76 -6.85	50.35 -3.08 -6.87

HISHELDN_WT_PWR 323625	48.48 -4.30 0.00	47.42 -4.23 0.00	47.16 -3.89 0.00	46.59 -3.60 0.00	45.31 -3.02 0.00	43.10 -2.99 0.00	44.73 -2.73 0.00	51.03 -4.13 0.00	46.82 -4.51 0.00	45.57 -4.46 0.27	48.47 -5.58 0.34	47.69 -4.87 0.00	41.62 -4.54 0.32	46.72 -5.22 0.38	45.89 -5.78 2.46	22.02 -5.41 24.35	-2.25 -5.79 48.41	0.82 -6.66 51.37	-1.66 -6.04 50.31	-5.35 -6.18 52.70	-6.37 -6.12 51.30	-9.21 -5.32 48.15	-8.58 -4.73 45.98	-4.72 -5.11 46.16
HOLTSVILLE_IC_1 23690	56.92 4.14 0.00	55.57 3.91 0.00	54.76 3.72 0.00	53.64 3.45 0.00	51.58 3.25 0.00	49.40 3.30 0.00	50.81 3.36 0.00	58.87 3.72 0.00	54.59 3.26 0.00	53.89 3.59 0.00	58.11 3.71 0.00	56.17 3.61 0.00	49.32 2.85 0.00	55.35 3.03 0.00	57.54 3.41 0.00	80.00 3.90 -24.32	87.60 3.99 -31.65	67.84 4.00 -4.99	104.82 4.09 -46.04	94.56 4.23 -36.81	101.54 4.51 -46.00	71.15 4.00 -22.88	82.47 4.06 -36.29	51.27 4.16 -0.56
HOLTSVILLE_IC_10 23699	57.22 4.44 0.00	55.85 4.20 0.00	55.04 4.00 0.00	53.89 3.71 0.00	51.83 3.50 0.00	49.64 3.55 0.00	51.09 3.63 0.00	59.19 4.04 0.00	54.88 3.55 0.00	54.18 3.87 0.00	58.38 3.98 0.00	56.43 3.88 0.00	49.55 3.08 0.00	55.60 3.29 0.00	57.80 3.67 0.00	80.45 4.20 -24.47	88.10 4.31 -31.84	68.22 4.35 -5.02	105.43 4.42 -46.32	95.12 4.56 -37.03	102.15 4.83 -46.28	71.55 4.27 -23.02	82.96 4.32 -36.51	51.54 4.43 -0.56
HOLTSVILLE_IC_2 23691	56.92 4.14 0.00	55.57 3.91 0.00	54.76 3.72 0.00	53.64 3.45 0.00	51.58 3.25 0.00	49.40 3.30 0.00	50.81 3.36 0.00	58.87 3.72 0.00	54.59 3.26 0.00	53.89 3.59 0.00	58.11 3.71 0.00	56.17 3.61 0.00	49.32 2.85 0.00	55.35 3.03 0.00	57.54 3.41 0.00	80.00 3.90 -24.32	87.60 3.99 -31.65	67.84 4.00 -4.99	104.82 4.09 -46.04	94.56 4.23 -36.81	101.54 4.51 -46.00	71.15 4.00 -22.88	82.47 4.06 -36.29	51.27 4.16 -0.56
HOLTSVILLE_IC_3 23692	56.92 4.14 0.00	55.57 3.91 0.00	54.76 3.72 0.00	53.64 3.45 0.00	51.58 3.25 0.00	49.40 3.30 0.00	50.81 3.36 0.00	58.87 3.72 0.00	54.59 3.26 0.00	53.89 3.59 0.00	58.11 3.71 0.00	56.17 3.61 0.00	49.32 2.85 0.00	55.35 3.03 0.00	57.54 3.41 0.00	80.00 3.90 -24.32	87.60 3.99 -31.65	67.84 4.00 -4.99	104.82 4.09 -46.04	94.56 4.23 -36.81	101.54 4.51 -46.00	71.15 4.00 -22.88	82.47 4.06 -36.29	51.27 4.16 -0.56
HOLTSVILLE_IC_4 23693	56.92 4.14 0.00	55.57 3.91 0.00	54.76 3.72 0.00	53.64 3.45 0.00	51.58 3.25 0.00	49.40 3.30 0.00	50.81 3.36 0.00	58.87 3.72 0.00	54.59 3.26 0.00	53.89 3.59 0.00	58.11 3.71 0.00	56.17 3.61 0.00	49.32 2.85 0.00	55.35 3.03 0.00	57.54 3.41 0.00	80.00 3.90 -24.32	87.60 3.99 -31.65	67.84 4.00 -4.99	104.82 4.09 -46.04	94.56 4.23 -36.81	101.54 4.51 -46.00	71.15 4.00 -22.88	82.47 4.06 -36.29	51.27 4.16 -0.56
HOLTSVILLE_IC_5 23694	56.92 4.14 0.00	55.57 3.91 0.00	54.76 3.72 0.00	53.64 3.45 0.00	51.58 3.25 0.00	49.40 3.30 0.00	50.81 3.36 0.00	58.87 3.72 0.00	54.59 3.26 0.00	53.89 3.59 0.00	58.11 3.71 0.00	56.17 3.61 0.00	49.32 2.85 0.00	55.35 3.03 0.00	57.54 3.41 0.00	80.00 3.90 -24.32	87.60 3.99 -31.65	67.84 4.00 -4.99	104.82 4.09 -46.04	94.56 4.23 -36.81	101.54 4.51 -46.00	71.15 4.00 -22.88	82.47 4.06 -36.29	51.27 4.16 -0.56
HOLTSVILLE_IC_6 23695	57.22 4.44 0.00	55.85 4.20 0.00	55.04 4.00 0.00	53.89 3.71 0.00	51.83 3.50 0.00	49.64 3.55 0.00	51.09 3.63 0.00	59.19 4.04 0.00	54.88 3.55 0.00	54.18 3.87 0.00	58.38 3.98 0.00	56.43 3.88 0.00	49.55 3.08 0.00	55.60 3.29 0.00	57.80 3.67 0.00	80.45 4.20 -24.47	88.10 4.31 -31.84	68.22 4.35 -5.02	105.43 4.42 -46.32	95.12 4.56 -37.03	102.15 4.83 -46.28	71.55 4.27 -23.02	82.96 4.32 -36.51	51.54 4.43 -0.56
HOLTSVILLE_IC_7 23696	57.22 4.44 0.00	55.85 4.20 0.00	55.04 4.00 0.00	53.89 3.71 0.00	51.83 3.50 0.00	49.64 3.55 0.00	51.09 3.63 0.00	59.19 4.04 0.00	54.88 3.55 0.00	54.18 3.87 0.00	58.38 3.98 0.00	56.43 3.88 0.00	49.55 3.08 0.00	55.60 3.29 0.00	57.80 3.67 0.00	80.45 4.20 -24.47	88.10 4.31 -31.84	68.22 4.35 -5.02	105.43 4.42 -46.32	95.12 4.56 -37.03	102.15 4.83 -46.28	71.55 4.27 -23.02	82.96 4.32 -36.51	51.54 4.43 -0.56
HOLTSVILLE_IC_8 23697	57.22 4.44 0.00	55.85 4.20 0.00	55.04 4.00 0.00	53.89 3.71 0.00	51.83 3.50 0.00	49.64 3.55 0.00	51.09 3.63 0.00	59.19 4.04 0.00	54.88 3.55 0.00	54.18 3.87 0.00	58.38 3.98 0.00	56.43 3.88 0.00	49.55 3.08 0.00	55.60 3.29 0.00	57.80 3.67 0.00	80.45 4.20 -24.47	88.10 4.31 -31.84	68.22 4.35 -5.02	105.43 4.42 -46.32	95.12 4.56 -37.03	102.15 4.83 -46.28	71.55 4.27 -23.02	82.96 4.32 -36.51	51.54 4.43 -0.56
HOLTSVILLE_IC_9 23698	57.22 4.44 0.00	55.85 4.20 0.00	55.04 4.00 0.00	53.89 3.71 0.00	51.83 3.50 0.00	49.64 3.55 0.00	51.09 3.63 0.00	59.19 4.04 0.00	54.88 3.55 0.00	54.18 3.87 0.00	58.38 3.98 0.00	56.43 3.88 0.00	49.55 3.08 0.00	55.60 3.29 0.00	57.80 3.67 0.00	80.45 4.20 -24.47	88.10 4.31 -31.84	68.22 4.35 -5.02	105.43 4.42 -46.32	95.12 4.56 -37.03	102.15 4.83 -46.28	71.55 4.27 -23.02	82.96 4.32 -36.51	51.54 4.43 -0.56
HOMER_HL_115KV_TB2 355744	51.06 -1.73 0.00	49.89 -1.77 0.00	49.57 -1.47 0.00	48.74 -1.45 0.00	47.14 -1.19 0.00	44.51 -1.58 0.00	46.26 -1.19 0.00	52.52 -2.63 0.00	48.33 -3.00 0.00	47.41 -2.88 0.02	50.85 -3.52 0.03	49.50 -3.06 0.00	43.77 -2.69 0.02	49.18 -3.10 0.03	50.48 -3.47 0.18	46.90 -3.06 1.82	44.82 -3.51 3.62	50.69 -4.31 3.84	47.03 -3.90 3.76	45.53 -4.06 3.94	43.07 -4.15 3.83	37.13 -3.58 3.55	35.47 -3.25 3.41	39.91 -3.19 3.45
HOWARD_WT_PWR 323690	47.83 -4.95 0.00	46.72 -4.94 0.00	46.60 -4.45 0.00	46.35 -3.84 0.00	45.68 -2.66 0.00	44.39 -1.71 0.00	46.71 -0.74 0.00	53.89 -1.27 0.00	48.70 -2.64 0.00	47.58 -3.04 -0.31	50.73 -4.05 -0.39	48.48 -4.07 0.00	42.77 -4.07 -0.36	47.41 -5.34 -0.43	50.77 -6.14 -2.78	73.48 -5.78 -27.47	100.38 -6.17 -54.61	109.88 -6.92 -57.94	105.22 -6.23 -56.75	106.89 -6.09 -59.45	103.11 -5.80 -57.87	93.48 -5.16 -54.37	89.11 -4.91 -51.89	93.02 -5.61 -52.07
HQ_GEN_CEDARS 23644	54.22 1.44 0.00	53.06 1.41 0.00	52.38 1.33 0.00	51.58 1.39 0.00	49.65 1.32 0.00	47.27 1.18 0.00	48.58 1.13 0.00	56.58 1.43 0.00	52.79 1.45 0.00	51.86 1.55 0.00	56.06 1.67 0.00	54.33 1.78 0.00	48.17 1.69 0.00	54.36 2.05 0.00	56.10 1.97 0.00	53.33 1.55 0.00	53.23 1.28 0.00	60.21 1.35 0.00	55.99 1.29 0.00	54.67 1.15 0.00	52.00 0.96 0.00	44.98 0.72 0.00	42.75 0.62 0.00	47.27 0.72 0.00
HQ_GEN_CEDARS_PROXY 323590	54.22 1.44 0.00	53.06 1.41 0.00	52.38 1.33 0.00	51.58 1.39 0.00	49.65 1.31 0.00	47.27 1.17 0.00	48.58 1.13 0.00	56.58 1.43 0.00	52.79 1.45 0.00	51.87 1.56 0.00	56.06 1.67 0.00	54.33 1.78 0.00	48.16 1.69 0.00	54.36 2.04 0.00	56.10 1.97 0.00	53.33 1.55 0.00	53.23 1.28 0.00	60.21 1.35 0.00	55.98 1.29 0.00	54.68 1.15 0.00	52.00 0.96 0.00	44.98 0.72 0.00	42.75 0.62 0.00	47.27 0.72 0.00

HQ_GEN_IMPORT 323601	53.26 0.47 0.00	52.12 0.46 0.00	51.48 0.43 0.00	50.65 0.46 0.00	48.77 0.43 0.00	46.47 0.37 0.00	47.80 0.34 0.00	55.59 0.44 0.00	51.80 0.46 0.00	50.88 0.57 0.00	55.01 0.62 0.00	53.23 0.67 0.00	47.11 0.63 0.00	53.07 0.76 0.00	54.85 0.72 0.00	52.32 0.54 0.00	52.32 0.37 0.00	59.26 0.41 0.00	55.08 0.38 0.00	53.86 0.33 0.00	51.30 0.26 0.00	44.44 0.18 0.00	42.27 0.14 0.00	46.73 0.18 0.00
HQ_GEN_WHEEL 23651	53.26 0.47 0.00	52.12 0.46 0.00	51.48 0.43 0.00	50.65 0.46 0.00	48.77 0.43 0.00	46.47 0.37 0.00	47.80 0.34 0.00	55.59 0.44 0.00	51.80 0.46 0.00	50.88 0.57 0.00	55.01 0.62 0.00	53.23 0.67 0.00	47.11 0.63 0.00	53.07 0.76 0.00	54.85 0.72 0.00	52.32 0.54 0.00	52.32 0.37 0.00	59.26 0.41 0.00	55.08 0.38 0.00	53.86 0.33 0.00	51.30 0.26 0.00	44.44 0.18 0.00	42.27 0.14 0.00	46.73 0.18 0.00
HUDSON AVE_GT_3 23810	55.75 2.96 0.00	54.43 2.77 0.00	53.73 2.69 0.00	52.64 2.45 0.00	50.67 2.33 0.00	48.40 2.31 0.00	49.90 2.45 0.00	57.91 2.76 0.00	53.84 2.51 0.00	52.90 2.59 0.00	57.38 2.99 0.00	55.37 2.82 0.00	48.83 2.36 0.00	54.69 2.37 0.00	56.71 2.58 0.00	54.53 2.75 0.00	54.99 3.04 0.00	62.39 3.54 0.00	58.05 3.35 0.00	57.05 3.52 0.00	54.56 3.51 0.00	47.39 3.13 0.00	45.14 3.01 0.00	49.68 3.13 0.00
HUDSON AVE_GT_4 23540	55.75 2.96 0.00	54.43 2.77 0.00	53.73 2.69 0.00	52.64 2.45 0.00	50.67 2.33 0.00	48.40 2.31 0.00	49.90 2.45 0.00	57.91 2.76 0.00	53.84 2.51 0.00	52.90 2.59 0.00	57.38 2.99 0.00	55.37 2.82 0.00	48.83 2.36 0.00	54.69 2.37 0.00	56.71 2.58 0.00	54.53 2.75 0.00	54.99 3.04 0.00	62.39 3.54 0.00	58.05 3.35 0.00	57.05 3.52 0.00	54.56 3.51 0.00	47.39 3.13 0.00	45.14 3.01 0.00	49.68 3.13 0.00
HUDSON AVE_GT_5 23657	55.75 2.96 0.00	54.43 2.77 0.00	53.73 2.69 0.00	52.64 2.45 0.00	50.67 2.33 0.00	48.40 2.31 0.00	49.90 2.45 0.00	57.91 2.76 0.00	53.84 2.51 0.00	52.90 2.59 0.00	57.38 2.99 0.00	55.37 2.82 0.00	48.83 2.36 0.00	54.69 2.37 0.00	56.71 2.58 0.00	54.53 2.75 0.00	54.99 3.04 0.00	62.39 3.54 0.00	58.05 3.35 0.00	57.05 3.52 0.00	54.56 3.51 0.00	47.39 3.13 0.00	45.14 3.01 0.00	49.68 3.13 0.00
HUDSON_AVE_10 24168	55.56 2.78 0.00	54.25 2.60 0.00	53.57 2.52 0.00	52.49 2.30 0.00	50.52 2.18 0.00	48.26 2.16 0.00	49.78 2.32 0.00	57.72 2.57 0.00	53.67 2.34 0.00	52.71 2.40 0.00	57.18 2.79 0.00	55.19 2.64 0.00	48.67 2.19 0.00	54.49 2.17 0.00	56.51 2.38 0.00	54.34 2.55 0.00	54.80 2.85 0.00	62.17 3.32 0.00	57.85 3.15 0.00	56.89 3.37 0.00	54.42 3.37 0.00	47.27 3.00 0.00	45.04 2.91 0.00	49.55 3.00 0.00
HUDSON___115KV_TB 4 355613	55.38 2.60 0.00	54.27 2.61 0.00	53.64 2.59 0.00	52.76 2.57 0.00	50.83 2.50 0.00	48.49 2.39 0.00	49.68 2.23 0.00	57.81 2.66 0.00	53.72 2.39 0.00	52.24 1.93 0.00	56.37 1.97 0.00	54.15 1.60 0.00	47.80 1.32 0.00	54.06 1.74 0.00	56.25 2.12 0.00	54.08 2.30 0.00	54.51 2.57 0.00	61.90 3.05 0.00	57.52 2.82 0.00	56.43 2.90 0.00	53.83 2.79 0.00	46.72 2.45 0.00	44.60 2.48 0.00	49.42 2.86 0.00
HUNTER MOUNT___DRP 323613	55.63 2.85 0.00	54.51 2.85 0.00	53.88 2.84 0.00	53.01 2.82 0.00	51.06 2.73 0.00	48.72 2.62 0.00	49.95 2.50 0.00	58.17 3.02 0.00	54.06 2.73 0.00	52.49 2.18 0.00	56.63 2.23 0.00	54.34 1.78 0.00	47.95 1.48 0.00	54.35 2.04 0.00	56.66 2.53 0.00	54.44 2.66 0.00	54.88 2.93 0.00	62.34 3.49 0.00	57.90 3.20 0.00	56.75 3.22 0.00	54.12 3.08 0.00	46.95 2.69 0.00	44.80 2.67 0.00	49.61 3.06 0.00
HUNTINGTON_RES_REC 323705	56.80 4.01 0.00	55.45 3.80 0.00	54.65 3.60 0.00	53.51 3.33 0.00	51.46 3.12 0.00	49.29 3.19 0.00	50.68 3.22 0.00	58.70 3.54 0.00	54.44 3.11 0.00	53.78 3.48 0.00	58.00 3.60 0.00	56.09 3.54 0.00	49.27 2.79 0.00	55.25 2.94 0.00	57.51 3.38 0.00	80.15 3.84 -24.52	87.81 3.95 -31.92	67.94 4.06 -5.03	105.28 4.17 -46.42	94.91 4.26 -37.11	101.93 4.51 -46.38	71.32 3.98 -23.07	82.70 3.98 -36.59	51.17 4.05 -0.56
HUNTLEY___63 23557	49.44 -3.35 0.00	48.25 -3.40 0.00	47.77 -3.27 0.00	46.97 -3.22 0.00	45.33 -3.00 0.00	42.72 -3.38 0.00	43.96 -3.50 0.00	49.93 -5.23 0.00	46.22 -5.11 0.00	45.50 -4.72 0.08	48.65 -5.64 0.10	47.78 -4.77 0.00	42.23 -4.15 0.10	47.62 -4.58 0.11	48.55 -4.83 0.75	39.91 -4.48 7.40	32.27 -4.96 14.71	37.45 -5.79 15.61	34.19 -5.22 15.29	31.92 -5.59 16.02	29.85 -5.62 15.57	24.78 -4.94 14.54	23.68 -4.53 13.91	27.98 -4.55 14.03
HUNTLEY___64 23558	49.44 -3.35 0.00	48.25 -3.40 0.00	47.77 -3.27 0.00	46.97 -3.22 0.00	45.33 -3.00 0.00	42.72 -3.38 0.00	43.96 -3.50 0.00	49.93 -5.23 0.00	46.22 -5.11 0.00	45.50 -4.72 0.08	48.65 -5.64 0.10	47.78 -4.77 0.00	42.23 -4.15 0.10	47.62 -4.58 0.11	48.55 -4.83 0.75	39.91 -4.48 7.40	32.27 -4.96 14.71	37.45 -5.79 15.61	34.19 -5.22 15.29	31.92 -5.59 16.02	29.85 -5.62 15.57	24.78 -4.94 14.54	23.68 -4.53 13.91	27.98 -4.55 14.03
HUNTLEY___65 23559	49.44 -3.35 0.00	48.25 -3.40 0.00	47.77 -3.27 0.00	46.97 -3.22 0.00	45.33 -3.00 0.00	42.72 -3.38 0.00	43.96 -3.50 0.00	49.93 -5.23 0.00	46.22 -5.11 0.00	45.50 -4.72 0.08	48.65 -5.64 0.10	47.78 -4.77 0.00	42.23 -4.15 0.10	47.62 -4.58 0.11	48.55 -4.83 0.75	39.91 -4.48 7.40	32.27 -4.96 14.71	37.45 -5.79 15.61	34.19 -5.22 15.29	31.92 -5.59 16.02	29.85 -5.62 15.57	24.78 -4.94 14.54	23.68 -4.53 13.91	27.98 -4.55 14.03
HUNTLEY___66 23560	49.44 -3.35 0.00	48.25 -3.40 0.00	47.77 -3.27 0.00	46.97 -3.22 0.00	45.33 -3.00 0.00	42.72 -3.38 0.00	43.96 -3.50 0.00	49.93 -5.23 0.00	46.22 -5.11 0.00	45.50 -4.72 0.08	48.65 -5.64 0.10	47.78 -4.77 0.00	42.23 -4.15 0.10	47.62 -4.58 0.11	48.55 -4.83 0.75	39.91 -4.48 7.40	32.27 -4.96 14.71	37.45 -5.79 15.61	34.19 -5.22 15.29	31.92 -5.59 16.02	29.85 -5.62 15.57	24.78 -4.94 14.54	23.68 -4.53 13.91	27.98 -4.55 14.03
HUNTLEY___67 23561	49.13 -3.65 0.00	48.00 -3.66 0.00	47.56 -3.48 0.00	46.77 -3.42 0.00	45.16 -3.18 0.00	42.58 -3.52 0.00	43.83 -3.63 0.00	49.85 -5.30 0.00	46.11 -5.22 0.00	45.33 -4.88 0.10	48.53 -5.74 0.12	47.60 -4.95 0.00	42.01 -4.35 0.12	47.35 -4.83 0.14	48.02 -5.21 0.89	38.00 -4.91 8.87	28.93 -5.38 17.64	33.89 -6.25 18.72	30.70 -5.67 18.33	28.32 -6.00 19.20	26.35 -6.00 18.69	21.45 -5.26 17.56	20.54 -4.83 16.76	24.86 -4.88 16.82
HUNTLEY___68 23562	49.13 -3.65 0.00	48.00 -3.66 0.00	47.56 -3.48 0.00	46.77 -3.42 0.00	45.16 -3.18 0.00	42.58 -3.52 0.00	43.83 -3.63 0.00	49.85 -5.30 0.00	46.11 -5.22 0.00	45.33 -4.88 0.10	48.53 -5.74 0.12	47.60 -4.95 0.00	42.01 -4.35 0.12	47.35 -4.83 0.14	48.02 -5.21 0.89	38.00 -4.91 8.87	28.93 -5.38 17.64	33.89 -6.25 18.72	30.70 -5.67 18.33	28.32 -6.00 19.20	26.35 -6.00 18.69	21.45 -5.26 17.56	20.54 -4.83 16.76	24.86 -4.88 16.82

HYLAND___LFGE 323620	52.58 -0.20 0.00	51.29 -0.37 0.00	50.84 -0.20 0.00	50.07 -0.11 0.00	48.59 0.25 0.00	46.46 0.37 0.00	48.37 0.91 0.00	55.86 0.71 0.00	51.50 0.16 0.00	49.99 -0.66 -0.35	52.03 -2.79 -0.43	50.09 -2.46 0.00	45.51 -1.37 -0.40	49.81 -2.98 -0.48	53.57 -3.66 -3.10	79.06 -3.40 -30.67	109.86 -3.07 -60.97	120.54 -3.02 -64.70	115.32 -2.75 -63.36	117.08 -2.83 -66.38	112.69 -2.97 -64.61	102.28 -2.68 -60.70	98.62 -1.45 -57.94	103.27 -1.43 -58.14
INDECK___CORINTH 23802	54.74 1.95 0.00	53.66 2.00 0.00	53.08 2.03 0.00	52.24 2.05 0.00	50.38 2.05 0.00	48.11 2.01 0.00	49.57 2.11 0.00	57.70 2.55 0.00	53.38 2.05 0.00	51.76 1.45 0.00	55.89 1.49 0.00	53.78 1.23 0.00	47.59 1.11 0.00	53.98 1.67 0.00	56.44 2.31 0.00	54.09 2.31 0.00	54.57 2.62 0.00	61.89 3.04 0.00	57.49 2.79 0.00	56.28 2.75 0.00	53.59 2.54 0.00	46.52 2.26 0.00	44.11 1.98 0.00	48.73 2.18 0.00
INDECK___ILION 23567	53.76 0.98 0.00	52.64 0.98 0.00	52.04 0.99 0.00	51.15 0.97 0.00	49.28 0.95 0.00	47.09 0.99 0.00	48.60 1.15 0.00	56.65 1.50 0.00	52.65 1.31 0.00	51.23 0.92 0.00	55.27 0.87 0.00	53.21 0.65 0.00	46.96 0.49 0.00	53.33 1.01 0.00	55.34 1.21 0.00	53.03 1.25 0.00	53.27 1.32 0.00	60.36 1.50 0.00	56.10 1.41 0.00	54.94 1.42 0.00	52.47 1.43 0.00	45.59 1.33 0.00	43.28 1.15 0.00	47.72 1.17 0.00
INDECK___OLEAN 23982	51.06 -1.72 0.00	49.89 -1.77 0.00	49.57 -1.48 0.00	48.74 -1.45 0.00	47.14 -1.19 0.00	44.50 -1.59 0.00	46.26 -1.19 0.00	52.52 -2.63 0.00	48.33 -3.00 0.00	47.43 -2.86 0.02	50.85 -3.52 0.03	49.47 -3.08 0.00	43.74 -2.71 0.02	49.17 -3.12 0.03	50.50 -3.45 0.18	46.94 -3.02 1.82	44.88 -3.45 3.62	50.76 -4.25 3.84	47.09 -3.84 3.76	45.61 -3.98 3.94	43.26 -3.96 3.83	37.41 -3.30 3.55	35.71 -3.01 3.41	39.98 -3.12 3.45
INDECK___OSWEGO 23783	50.68 -2.11 0.00	49.54 -2.11 0.00	48.96 -2.09 0.00	48.12 -2.07 0.00	46.36 -1.98 0.00	44.21 -1.89 0.00	45.59 -1.87 0.00	53.04 -2.11 0.00	49.36 -1.98 0.00	48.33 -1.98 0.00	52.21 -2.19 0.00	50.44 -2.11 0.00	44.58 -1.90 0.00	50.32 -1.99 0.00	51.94 -2.18 0.00	49.70 -2.08 0.00	49.87 -2.08 0.00	56.48 -2.37 0.00	52.47 -2.23 0.00	51.32 -2.21 0.00	48.90 -2.15 0.00	42.37 -1.90 0.00	40.34 -1.79 0.00	44.55 -2.01 0.00
INDECK___YERKES 23781	49.48 -3.31 0.00	48.29 -3.37 0.00	47.80 -3.24 0.00	47.00 -3.19 0.00	45.36 -2.97 0.00	42.75 -3.34 0.00	43.98 -3.48 0.00	49.98 -5.18 0.00	46.26 -5.08 0.00	45.51 -4.72 0.08	48.68 -5.61 0.10	47.79 -4.76 0.00	42.23 -4.15 0.10	47.66 -4.54 0.11	48.62 -4.76 0.75	40.02 -4.36 7.40	32.40 -4.84 14.71	37.63 -5.61 15.61	34.32 -5.09 15.29	32.09 -5.42 16.02	30.02 -5.45 15.57	24.97 -4.75 14.54	23.87 -4.34 13.91	28.12 -4.41 14.03
INDIAN POINT_GT_1 24139	55.18 2.40 0.00	53.94 2.29 0.00	53.28 2.23 0.00	52.26 2.07 0.00	50.29 1.96 0.00	48.03 1.93 0.00	49.50 2.04 0.00	57.44 2.28 0.00	53.39 2.06 0.00	52.38 2.07 0.00	56.80 2.41 0.00	54.82 2.27 0.00	48.34 1.86 0.00	54.13 1.82 0.00	56.15 2.02 0.00	53.99 2.21 0.00	54.44 2.49 0.00	61.80 2.94 0.00	57.48 2.78 0.00	56.44 2.91 0.00	53.99 2.94 0.00	46.88 2.62 0.00	44.65 2.52 0.00	49.17 2.62 0.00
INDIAN POINT_GT_2 23659	55.18 2.40 0.00	53.94 2.29 0.00	53.28 2.23 0.00	52.26 2.07 0.00	50.29 1.96 0.00	48.03 1.93 0.00	49.50 2.04 0.00	57.44 2.28 0.00	53.39 2.06 0.00	52.38 2.07 0.00	56.80 2.41 0.00	54.82 2.27 0.00	48.34 1.86 0.00	54.13 1.82 0.00	56.15 2.02 0.00	53.99 2.21 0.00	54.44 2.49 0.00	61.80 2.94 0.00	57.48 2.78 0.00	56.44 2.91 0.00	53.99 2.94 0.00	46.88 2.62 0.00	44.65 2.52 0.00	49.17 2.62 0.00
INDIAN POINT_GT_3 24019	55.18 2.40 0.00	53.94 2.29 0.00	53.28 2.23 0.00	52.26 2.07 0.00	50.29 1.96 0.00	48.03 1.93 0.00	49.50 2.04 0.00	57.44 2.28 0.00	53.39 2.06 0.00	52.38 2.07 0.00	56.80 2.41 0.00	54.82 2.27 0.00	48.34 1.86 0.00	54.13 1.82 0.00	56.15 2.02 0.00	53.99 2.21 0.00	54.44 2.49 0.00	61.80 2.94 0.00	57.48 2.78 0.00	56.44 2.91 0.00	53.99 2.94 0.00	46.88 2.62 0.00	44.65 2.52 0.00	49.17 2.62 0.00
INDIAN POINT___2 23530	55.11 2.33 0.00	53.87 2.21 0.00	53.21 2.16 0.00	52.19 2.00 0.00	50.25 1.91 0.00	47.98 1.88 0.00	49.45 1.99 0.00	57.37 2.21 0.00	53.32 1.99 0.00	52.31 2.00 0.00	56.70 2.30 0.00	54.72 2.16 0.00	48.27 1.79 0.00	54.04 1.73 0.00	56.02 1.89 0.00	53.87 2.09 0.00	54.33 2.38 0.00	61.67 2.82 0.00	57.37 2.67 0.00	56.32 2.80 0.00	53.88 2.84 0.00	46.81 2.55 0.00	44.60 2.47 0.00	49.12 2.57 0.00
INDIAN POINT___3 23531	55.11 2.33 0.00	53.87 2.21 0.00	53.21 2.16 0.00	52.20 2.01 0.00	50.24 1.91 0.00	47.98 1.89 0.00	49.45 1.99 0.00	57.36 2.21 0.00	53.32 1.99 0.00	52.30 2.00 0.00	56.74 2.34 0.00	54.72 2.17 0.00	48.28 1.80 0.00	54.07 1.75 0.00	56.07 1.94 0.00	53.89 2.11 0.00	54.35 2.40 0.00	61.71 2.86 0.00	57.39 2.69 0.00	56.34 2.81 0.00	53.91 2.86 0.00	46.83 2.57 0.00	44.62 2.49 0.00	49.15 2.59 0.00
INGHAM_C_115KV_TB7 356103	55.20 2.42 0.00	54.07 2.42 0.00	53.49 2.44 0.00	52.56 2.37 0.00	50.66 2.33 0.00	48.47 2.37 0.00	50.10 2.64 0.00	58.49 3.33 0.00	54.19 2.85 0.00	52.19 1.88 0.00	56.11 1.72 0.00	53.77 1.22 0.00	47.40 0.93 0.00	54.48 2.17 0.00	56.75 2.62 0.00	54.54 2.76 0.00	54.92 2.97 0.00	62.24 3.39 0.00	57.89 3.19 0.00	56.72 3.19 0.00	54.24 3.20 0.00	47.19 2.92 0.00	44.71 2.58 0.00	49.24 2.68 0.00
IP CORINTH___1 23988	55.04 2.26 0.00	53.95 2.29 0.00	53.36 2.32 0.00	52.51 2.32 0.00	50.64 2.31 0.00	48.36 2.26 0.00	49.84 2.38 0.00	58.02 2.86 0.00	53.67 2.34 0.00	52.05 1.73 0.00	56.18 1.79 0.00	54.09 1.53 0.00	47.85 1.38 0.00	54.28 1.96 0.00	56.73 2.60 0.00	54.40 2.62 0.00	54.88 2.93 0.00	62.23 3.38 0.00	57.80 3.10 0.00	56.59 3.07 0.00	53.87 2.82 0.00	46.77 2.50 0.00	44.34 2.22 0.00	48.98 2.42 0.00
IP___TICONDEROGA 23804	57.29 4.51 0.00	56.10 4.45 0.00	55.48 4.44 0.00	54.81 4.62 0.00	52.92 4.59 0.00	50.55 4.45 0.00	52.41 4.95 0.00	61.14 5.99 0.00	55.90 4.57 0.00	53.51 3.20 0.00	57.57 3.18 0.00	55.29 2.73 0.00	49.56 3.09 0.00	56.59 4.27 0.00	60.07 5.94 0.00	57.67 5.89 0.00	58.29 6.34 0.00	65.97 7.11 0.00	61.45 6.75 0.00	60.17 6.64 0.00	56.79 5.74 0.00	49.15 4.88 0.00	46.31 4.18 0.00	50.98 4.43 0.00
ISLIP_RES_REC 323679	57.46 4.67 0.00	56.06 4.41 0.00	55.24 4.20 0.00	54.09 3.90 0.00	52.02 3.69 0.00	49.84 3.74 0.00	51.30 3.85 0.00	59.45 4.29 0.00	55.12 3.79 0.00	54.39 4.08 0.00	58.59 4.20 0.00	56.62 4.07 0.00	49.71 3.23 0.00	55.80 3.48 0.00	58.02 3.89 0.00	80.77 4.42 -24.57	88.49 4.57 -31.97	68.55 4.66 -5.04	105.93 4.73 -46.51	95.58 4.87 -37.18	102.61 5.11 -46.46	71.86 4.48 -23.11	83.30 4.52 -36.66	51.75 4.63 -0.56

JAMAICA__27_KV_LOAD 355505	55.80 3.02 0.00	54.43 2.77 0.00	53.77 2.73 0.00	52.75 2.56 0.00	50.76 2.43 0.00	48.50 2.40 0.00	50.10 2.65 0.00	57.95 2.80 0.00	53.91 2.58 0.00	52.86 2.55 0.00	57.26 2.87 0.00	55.26 2.71 0.00	48.72 2.25 0.00	54.57 2.26 0.00	56.58 2.45 0.00	54.37 2.58 0.00	54.89 2.94 0.00	62.23 3.38 0.00	57.96 3.26 0.00	57.25 3.72 0.00	54.80 3.76 0.00	47.57 3.31 0.00	45.40 3.27 0.00	49.89 3.33 0.00
JANIS__SOLAR 323808	52.89 0.11 0.00	51.75 0.09 0.00	51.23 0.19 0.00	50.34 0.15 0.00	48.64 0.30 0.00	46.59 0.49 0.00	48.34 0.89 0.00	56.80 1.64 0.00	53.11 1.78 0.00	51.93 1.60 -0.02	55.35 0.93 -0.03	52.60 0.04 0.00	46.98 0.47 -0.03	53.07 0.73 -0.03	54.63 0.30 -0.20	54.36 0.56 -2.02	56.44 0.48 -4.01	63.61 0.50 -4.25	59.26 0.40 -4.17	58.24 0.34 -4.37	55.54 0.24 -4.25	48.39 0.13 -3.99	45.94 0.00 -3.81	50.18 -0.19 -3.82
JARVIS____ 23743	52.82 0.03 0.00	51.69 0.03 0.00	51.10 0.05 0.00	50.22 0.03 0.00	48.38 0.05 0.00	46.15 0.05 0.00	47.54 0.08 0.00	55.32 0.16 0.00	51.47 0.13 0.00	50.38 0.07 0.00	54.47 0.08 0.00	52.60 0.05 0.00	46.47 -0.01 0.00	52.34 0.03 0.00	54.18 0.06 0.00	51.84 0.06 0.00	52.04 0.09 0.00	58.96 0.10 0.00	54.78 0.08 0.00	53.64 0.11 0.00	51.15 0.11 0.00	44.40 0.13 0.00	42.25 0.13 0.00	46.69 0.14 0.00
JENNISON____1 23625	51.82 -0.96 0.00	50.86 -0.80 0.00	50.31 -0.74 0.00	49.37 -0.82 0.00	47.77 -0.56 0.00	45.85 -0.24 0.00	47.68 0.22 0.00	56.27 1.11 0.00	53.20 1.87 0.00	52.01 1.70 0.00	55.94 1.54 0.00	53.72 1.17 0.00	47.45 0.98 0.00	53.17 0.86 0.00	54.37 0.24 0.00	52.25 0.47 0.00	51.84 -0.10 0.00	58.57 -0.29 0.00	54.29 -0.41 0.00	53.13 -0.40 0.00	50.60 -0.45 0.00	43.85 -0.41 0.00	41.73 -0.40 0.00	45.75 -0.80 0.00
JENNISON____2 23626	51.82 -0.96 0.00	50.86 -0.80 0.00	50.31 -0.74 0.00	49.37 -0.82 0.00	47.77 -0.56 0.00	45.85 -0.24 0.00	47.68 0.22 0.00	56.27 1.11 0.00	53.20 1.87 0.00	52.01 1.70 0.00	55.94 1.54 0.00	53.72 1.17 0.00	47.45 0.98 0.00	53.17 0.86 0.00	54.37 0.24 0.00	52.25 0.47 0.00	51.84 -0.10 0.00	58.57 -0.29 0.00	54.29 -0.41 0.00	53.13 -0.40 0.00	50.60 -0.45 0.00	43.85 -0.41 0.00	41.73 -0.40 0.00	45.75 -0.80 0.00
JERICOHO_RISE_WT_PWR 323719	52.51 -0.27 0.00	51.44 -0.22 0.00	50.82 -0.22 0.00	50.02 -0.16 0.00	48.15 -0.18 0.00	45.91 -0.18 0.00	47.36 -0.09 0.00	55.40 0.25 0.00	52.03 0.70 0.00	51.48 1.17 0.00	55.77 1.38 0.00	53.98 1.42 0.00	47.84 1.37 0.00	54.05 1.73 0.00	55.84 1.72 0.00	52.81 1.03 0.00	52.26 0.32 0.00	59.31 0.46 0.00	54.81 0.11 0.00	53.37 -0.16 0.00	50.88 -0.16 0.00	43.93 -0.33 0.00	41.62 -0.51 0.00	46.14 -0.42 0.00
KATONAH__115KV_46KV_TB4 355592	55.50 2.72 0.00	54.25 2.59 0.00	53.58 2.53 0.00	52.56 2.37 0.00	50.59 2.26 0.00	48.31 2.22 0.00	49.81 2.35 0.00	57.82 2.67 0.00	53.77 2.44 0.00	52.74 2.43 0.00	57.25 2.86 0.00	55.26 2.71 0.00	48.74 2.26 0.00	54.58 2.26 0.00	56.60 2.47 0.00	54.43 2.65 0.00	54.89 2.94 0.00	62.32 3.46 0.00	57.95 3.25 0.00	56.90 3.38 0.00	54.42 3.37 0.00	47.25 2.98 0.00	44.99 2.86 0.00	49.55 2.99 0.00
KCE_NY_1 323755	55.22 2.43 0.00	54.05 2.40 0.00	53.45 2.41 0.00	52.56 2.37 0.00	50.68 2.34 0.00	48.40 2.30 0.00	49.87 2.42 0.00	58.01 2.85 0.00	53.74 2.41 0.00	52.29 1.98 0.00	56.47 2.08 0.00	54.38 1.82 0.00	48.14 1.66 0.00	54.43 2.12 0.00	56.68 2.55 0.00	54.38 2.60 0.00	54.78 2.83 0.00	62.14 3.29 0.00	57.74 3.04 0.00	56.56 3.03 0.00	53.97 2.94 0.00	46.79 2.52 0.00	44.44 2.31 0.00	49.13 2.58 0.00
KCE_NY_6_ESR 323823	49.88 -2.90 0.00	48.72 -2.94 0.00	48.31 -2.73 0.00	47.55 -2.64 0.00	45.98 -2.36 0.00	43.41 -2.69 0.00	44.79 -2.66 0.00	50.95 -4.20 0.00	47.12 -4.22 0.00	46.27 -3.94 0.10	49.46 -4.82 0.12	48.49 -4.07 0.00	42.71 -3.65 0.12	48.17 -4.01 0.14	48.81 -4.42 0.89	38.87 -4.09 8.82	29.88 -4.53 17.54	34.97 -5.27 18.61	31.71 -4.76 18.22	29.38 -5.05 19.09	27.38 -5.10 18.56	22.45 -4.45 17.36	21.48 -4.04 16.60	25.69 -4.14 16.72
KEDC_PORT_JEFF_GT2 24210	57.13 4.34 0.00	55.75 4.10 0.00	54.94 3.89 0.00	53.80 3.61 0.00	51.74 3.40 0.00	49.56 3.47 0.00	51.00 3.54 0.00	59.08 3.92 0.00	54.78 3.45 0.00	54.08 3.77 0.00	58.28 3.89 0.00	56.36 3.80 0.00	49.50 3.02 0.00	55.53 3.22 0.00	57.72 3.59 0.00	80.31 4.11 -24.42	87.94 4.21 -31.78	68.11 4.25 -5.00	105.24 4.33 -46.22	94.96 4.48 -36.95	101.97 4.75 -46.17	71.42 4.19 -22.97	82.80 4.24 -36.43	51.45 4.34 -0.56
KEDC_PORT_JEFF_GT3 24211	57.13 4.34 0.00	55.75 4.10 0.00	54.94 3.89 0.00	53.80 3.61 0.00	51.74 3.40 0.00	49.56 3.47 0.00	51.00 3.54 0.00	59.08 3.92 0.00	54.78 3.45 0.00	54.08 3.77 0.00	58.28 3.89 0.00	56.36 3.80 0.00	49.50 3.02 0.00	55.53 3.22 0.00	57.72 3.59 0.00	80.31 4.11 -24.42	87.94 4.21 -31.78	68.11 4.25 -5.00	105.24 4.33 -46.22	94.96 4.48 -36.95	101.97 4.75 -46.17	71.42 4.19 -22.97	82.80 4.24 -36.43	51.45 4.34 -0.56
KEDC_GLWD_GT4 24219	56.03 3.25 0.00	54.73 3.08 0.00	53.99 2.95 0.00	52.91 2.72 0.00	50.92 2.58 0.00	48.68 2.58 0.00	50.12 2.67 0.00	58.16 3.01 0.00	54.02 2.69 0.00	53.15 2.84 0.00	57.63 3.24 0.00	55.68 3.13 0.00	49.01 2.54 0.00	54.92 2.60 0.00	57.02 2.89 0.00	93.71 3.15 -38.78	105.78 3.36 -50.47	70.57 3.77 -7.95	131.77 3.67 -73.41	115.99 3.77 -58.69	128.20 3.82 -73.34	84.13 3.38 -36.49	103.29 3.29 -57.86	50.86 3.41 -0.89
KEDC_GLWD_GT5 24220	56.03 3.25 0.00	54.73 3.08 0.00	53.99 2.95 0.00	52.91 2.72 0.00	50.92 2.58 0.00	48.68 2.58 0.00	50.12 2.67 0.00	58.16 3.01 0.00	54.02 2.69 0.00	53.15 2.84 0.00	57.63 3.24 0.00	55.68 3.13 0.00	49.01 2.54 0.00	54.92 2.60 0.00	57.02 2.89 0.00	93.71 3.15 -38.78	105.78 3.36 -50.47	70.57 3.77 -7.95	131.77 3.67 -73.41	115.99 3.77 -58.69	128.20 3.82 -73.34	84.13 3.38 -36.49	103.29 3.29 -57.86	50.86 3.41 -0.89
KENSICO____ 23655	55.34 2.56 0.00	54.09 2.44 0.00	53.43 2.38 0.00	52.39 2.20 0.00	50.43 2.09 0.00	48.16 2.06 0.00	49.63 2.17 0.00	57.58 2.43 0.00	53.54 2.20 0.00	52.53 2.22 0.00	57.00 2.60 0.00	55.00 2.44 0.00	48.51 2.03 0.00	54.33 2.01 0.00	56.35 2.22 0.00	54.18 2.40 0.00	54.63 2.69 0.00	62.00 3.15 0.00	57.66 2.96 0.00	56.62 3.10 0.00	54.17 3.13 0.00	47.06 2.80 0.00	44.83 2.70 0.00	49.37 2.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	55.67 2.88 0.00	54.38 2.72 0.00	53.72 2.67 0.00	52.74 2.55 0.00	50.76 2.42 0.00	48.49 2.40 0.00	50.05 2.60 0.00	58.13 2.97 0.00	54.03 2.69 0.00	52.81 2.50 0.00	57.25 2.85 0.00	55.43 2.88 0.00	48.87 2.39 0.00	54.49 2.17 0.00	56.87 2.74 0.00	54.75 2.96 0.00	55.30 3.35 0.00	62.87 4.02 0.00	58.43 3.73 0.00	57.30 3.78 0.00	54.74 3.70 0.00	47.49 3.22 0.00	45.17 3.04 0.00	49.66 3.11 0.00

KIAC_JFK_GT1 23816	55.45 2.67 0.00	54.09 2.43 0.00	53.45 2.40 0.00	52.42 2.24 0.00	50.46 2.12 0.00	48.20 2.10 0.00	49.80 2.34 0.00	57.59 2.44 0.00	53.57 2.24 0.00	52.54 2.23 0.00	56.93 2.53 0.00	54.93 2.38 0.00	48.45 1.97 0.00	54.26 1.94 0.00	56.25 2.12 0.00	53.98 2.20 0.00	54.34 2.39 0.00	61.62 2.77 0.00	57.36 2.67 0.00	56.69 3.17 0.00	54.43 3.38 0.00	47.28 3.02 0.00	45.12 2.99 0.00	49.58 3.03 0.00
KIAC_JFK_GT2 23817	55.45 2.67 0.00	54.09 2.43 0.00	53.45 2.40 0.00	52.42 2.24 0.00	50.46 2.12 0.00	48.20 2.10 0.00	49.80 2.34 0.00	57.59 2.44 0.00	53.57 2.24 0.00	52.54 2.23 0.00	56.93 2.53 0.00	54.93 2.38 0.00	48.45 1.97 0.00	54.26 1.94 0.00	56.25 2.12 0.00	53.98 2.20 0.00	54.34 2.39 0.00	61.62 2.77 0.00	57.36 2.67 0.00	56.69 3.17 0.00	54.43 3.38 0.00	47.28 3.02 0.00	45.12 2.99 0.00	49.58 3.03 0.00
KIAC_JFK____ 323774	55.45 2.67 0.00	54.09 2.43 0.00	53.45 2.41 0.00	52.42 2.23 0.00	50.45 2.12 0.00	48.21 2.11 0.00	49.80 2.34 0.00	57.59 2.43 0.00	53.58 2.25 0.00	52.54 2.23 0.00	56.92 2.53 0.00	54.93 2.37 0.00	48.45 1.97 0.00	54.25 1.94 0.00	56.24 2.11 0.00	53.97 2.19 0.00	54.33 2.39 0.00	61.60 2.74 0.00	57.36 2.66 0.00	56.68 3.15 0.00	54.42 3.37 0.00	47.28 3.01 0.00	45.11 2.98 0.00	49.57 3.02 0.00
KINTIGH__24_KV_GSU 356498	49.16 -3.62 0.00	47.99 -3.66 0.00	47.51 -3.54 0.00	46.69 -3.50 0.00	45.01 -3.32 0.00	42.47 -3.62 0.00	43.70 -3.76 0.00	49.92 -5.23 0.00	46.26 -5.07 0.00	45.49 -4.77 0.05	48.82 -5.51 0.06	47.72 -4.83 0.00	42.22 -4.19 0.06	47.58 -4.66 0.07	48.72 -4.95 0.46	42.61 -4.64 4.53	37.95 -5.00 9.00	43.51 -5.78 9.56	40.02 -5.31 9.36	38.16 -5.56 9.80	35.95 -5.54 9.55	30.43 -4.82 9.01	29.11 -4.43 8.59	33.40 -4.56 8.59
KINTIGH____ 23543	49.12 -3.66 0.00	47.97 -3.69 0.00	47.47 -3.58 0.00	46.65 -3.53 0.00	44.98 -3.35 0.00	42.45 -3.65 0.00	43.67 -3.78 0.00	49.88 -5.27 0.00	46.22 -5.11 0.00	45.48 -4.77 0.05	48.80 -5.53 0.06	47.72 -4.83 0.00	42.21 -4.21 0.06	47.56 -4.69 0.07	48.66 -5.01 0.46	42.51 -4.74 4.53	37.83 -5.12 9.00	43.38 -5.91 9.56	39.92 -5.42 9.36	38.01 -5.71 9.80	35.82 -5.67 9.55	30.31 -4.94 9.01	28.96 -4.58 8.59	33.29 -4.68 8.59
KNTFSRNC_46_KV_46KV_LOAD 80397	53.45 0.66 0.00	52.36 0.70 0.00	51.73 0.69 0.00	50.91 0.72 0.00	49.04 0.70 0.00	46.78 0.69 0.00	48.30 0.85 0.00	56.50 1.35 0.00	53.00 1.66 0.00	52.25 1.94 0.00	56.54 2.15 0.00	54.72 2.17 0.00	48.58 2.10 0.00	55.05 2.73 0.00	56.91 2.78 0.00	53.91 2.12 0.00	53.33 1.38 0.00	60.51 1.66 0.00	56.08 1.38 0.00	54.60 1.08 0.00	51.99 0.95 0.00	44.90 0.64 0.00	42.46 0.33 0.00	47.02 0.46 0.00
LACHUTE____HYDRO 323717	57.29 4.51 0.00	56.10 4.45 0.00	55.48 4.44 0.00	54.81 4.62 0.00	52.92 4.59 0.00	50.55 4.45 0.00	52.41 4.95 0.00	61.15 5.99 0.00	55.90 4.57 0.00	53.50 3.19 0.00	57.57 3.18 0.00	55.29 2.73 0.00	49.56 3.08 0.00	56.59 4.28 0.00	60.07 5.94 0.00	57.67 5.88 0.00	58.29 6.34 0.00	65.97 7.11 0.00	61.44 6.75 0.00	60.16 6.64 0.00	56.80 5.75 0.00	49.16 4.89 0.00	46.31 4.18 0.00	50.99 4.44 0.00
LAWRNCAY_115KV_TB1 80681	54.08 1.30 0.00	52.91 1.25 0.00	52.20 1.15 0.00	51.40 1.21 0.00	49.46 1.12 0.00	47.09 1.00 0.00	48.48 1.03 0.00	56.64 1.49 0.00	52.88 1.55 0.00	51.89 1.58 0.00	56.08 1.69 0.00	54.35 1.79 0.00	48.20 1.72 0.00	54.56 2.24 0.00	56.25 2.12 0.00	53.34 1.56 0.00	53.19 1.25 0.00	60.08 1.23 0.00	55.83 1.14 0.00	54.54 1.01 0.00	51.81 0.76 0.00	44.77 0.51 0.00	42.53 0.40 0.00	46.99 0.44 0.00
LEDERLE____ 23769	55.30 2.52 0.00	54.05 2.40 0.00	53.39 2.34 0.00	52.39 2.20 0.00	50.44 2.10 0.00	48.16 2.06 0.00	49.65 2.19 0.00	57.59 2.44 0.00	53.52 2.19 0.00	52.49 2.18 0.00	56.92 2.52 0.00	54.89 2.34 0.00	48.42 1.94 0.00	54.22 1.90 0.00	56.21 2.09 0.00	54.04 2.26 0.00	54.51 2.57 0.00	61.92 3.07 0.00	57.61 2.91 0.00	56.55 3.02 0.00	54.09 3.05 0.00	46.99 2.73 0.00	44.76 2.63 0.00	49.30 2.74 0.00
LIGHTHSE_115KV_TB6 355974	51.16 -1.63 0.00	49.95 -1.71 0.00	49.33 -1.72 0.00	48.51 -1.67 0.00	46.73 -1.60 0.00	44.56 -1.54 0.00	46.13 -1.32 0.00	54.07 -1.09 0.00	50.38 -0.95 0.00	49.23 -1.08 0.00	53.31 -1.08 0.00	51.48 -1.08 0.00	45.27 -1.21 0.00	51.62 -0.69 0.00	53.05 -1.08 0.00	50.45 -1.33 0.00	50.50 -1.45 0.00	57.03 -1.82 0.00	52.91 -1.78 0.00	51.77 -1.76 0.00	49.25 -1.80 0.00	42.62 -1.64 0.00	40.58 -1.55 0.00	44.74 -1.82 0.00
LINDEN COGEN____ 23786	55.35 2.57 0.00	54.05 2.40 0.00	53.35 2.31 0.00	52.28 2.10 0.00	50.32 1.98 0.00	48.07 1.97 0.00	49.56 2.11 0.00	57.51 2.36 0.00	53.46 2.12 0.00	52.49 2.18 0.00	56.93 2.54 0.00	54.93 2.37 0.00	48.46 1.98 0.00	54.24 1.93 0.00	56.24 2.11 0.00	54.08 2.30 0.00	54.55 2.60 0.00	61.91 3.05 0.00	57.59 2.90 0.00	56.58 3.05 0.00	54.12 3.08 0.00	47.03 2.77 0.00	44.79 2.67 0.00	49.30 2.75 0.00
LINDHRST_69_KV_BK1 356055	57.03 4.25 0.00	55.63 3.97 0.00	54.82 3.77 0.00	53.68 3.49 0.00	51.65 3.31 0.00	49.43 3.33 0.00	50.85 3.40 0.00	58.94 3.78 0.00	54.69 3.36 0.00	53.97 3.66 0.00	58.25 3.85 0.00	56.33 3.78 0.00	49.42 2.95 0.00	55.49 3.17 0.00	57.73 3.60 0.00	82.72 4.04 -26.91	91.18 4.21 -35.02	68.85 4.48 -5.51	110.10 4.47 -50.93	98.79 4.54 -40.72	106.64 4.71 -50.88	73.70 4.12 -25.31	86.37 4.10 -40.15	51.39 4.22 -0.62
LIPA_MISC_IPP 23656	57.18 4.40 0.00	55.82 4.16 0.00	55.01 3.96 0.00	53.87 3.68 0.00	51.81 3.48 0.00	49.63 3.53 0.00	51.07 3.61 0.00	59.19 4.03 0.00	54.85 3.52 0.00	54.11 3.80 0.00	58.31 3.92 0.00	56.36 3.81 0.00	49.48 3.00 0.00	55.51 3.20 0.00	57.68 3.55 0.00	80.22 4.10 -24.34	87.75 4.12 -31.68	67.83 3.99 -4.99	104.84 4.06 -46.08	94.67 4.30 -36.84	101.70 4.61 -46.04	71.26 4.09 -22.90	82.71 4.26 -36.32	51.49 4.38 -0.56
LISF__SOLAR 323691	57.32 4.54 0.00	55.96 4.31 0.00	55.15 4.10 0.00	54.00 3.82 0.00	51.94 3.60 0.00	49.76 3.67 0.00	51.21 3.75 0.00	59.35 4.20 0.00	54.99 3.66 0.00	54.21 3.90 0.00	58.42 4.02 0.00	56.44 3.89 0.00	49.55 3.07 0.00	55.60 3.28 0.00	57.74 3.61 0.00	80.35 4.20 -24.37	87.94 4.27 -31.72	68.00 4.15 -5.00	105.04 4.21 -46.13	94.85 4.44 -36.88	101.89 4.75 -46.09	71.40 4.21 -22.93	82.87 4.38 -36.36	51.62 4.51 -0.56
LITTLE FALLS__HYD 24013	55.20 2.42 0.00	54.07 2.40 0.00	53.49 2.44 0.00	52.56 2.37 0.00	50.66 2.33 0.00	48.47 2.37 0.00	50.10 2.64 0.00	58.49 3.33 0.00	54.19 2.85 0.00	52.19 1.88 0.00	56.11 1.72 0.00	53.77 1.22 0.00	47.40 0.93 0.00	54.48 2.17 0.00	56.75 2.62 0.00	54.54 2.76 0.00	54.92 2.97 0.00	62.24 3.39 0.00	57.89 3.19 0.00	56.72 3.19 0.00	54.24 3.20 0.00	47.19 2.92 0.00	44.71 2.58 0.00	49.24 2.68 0.00

LITTLRIV_115KV_TB1 356100	54.80 2.02 0.00	53.59 1.93 0.00	52.85 1.80 0.00	52.07 1.89 0.00	50.10 1.76 0.00	47.70 1.61 0.00	49.11 1.66 0.00	57.36 2.21 0.00	53.51 2.18 0.00	52.29 1.98 0.00	56.44 2.04 0.00	54.63 2.08 0.00	48.70 2.22 0.00	55.21 2.89 0.00	56.93 2.80 0.00	53.92 2.14 0.00	54.03 2.08 0.00	61.04 2.19 0.00	56.67 1.97 0.00	55.32 1.79 0.00	52.53 1.48 0.00	45.37 1.11 0.00	43.06 0.93 0.00	47.55 0.99 0.00
LI_NEWBRDGE___DRP 323616	55.99 3.20 0.00	54.66 3.01 0.00	53.89 2.84 0.00	52.81 2.62 0.00	50.81 2.48 0.00	48.61 2.51 0.00	50.00 2.54 0.00	57.97 2.82 0.00	53.81 2.47 0.00	53.07 2.76 0.00	57.37 2.98 0.00	55.44 2.89 0.00	48.75 2.28 0.00	54.67 2.36 0.00	56.86 2.72 0.00	77.71 3.07 -22.86	84.89 3.19 -29.75	66.96 3.42 -4.69	101.40 3.43 -43.27	91.69 3.56 -34.60	97.98 3.71 -43.23	69.05 3.28 -21.51	79.49 3.25 -34.11	50.39 3.31 -0.52
LOCKPORT_115KV_TB60_63_64 80432	48.98 -3.81 0.00	47.83 -3.82 0.00	47.34 -3.71 0.00	46.54 -3.65 0.00	44.92 -3.41 0.00	42.34 -3.76 0.00	43.52 -3.94 0.00	49.47 -5.68 0.00	45.86 -5.47 0.00	45.17 -5.07 0.07	48.19 -6.11 0.09	47.41 -5.15 0.00	41.94 -4.45 0.09	47.26 -4.95 0.10	48.32 -5.16 0.65	40.54 -4.79 6.45	33.81 -5.31 12.83	39.05 -6.19 13.61	35.79 -5.58 13.33	33.61 -5.94 13.97	31.58 -5.92 13.55	26.54 -5.18 12.54	25.32 -4.76 12.04	29.56 -4.76 12.23
LOCKPORT___CC1 323769	48.93 -3.86 0.00	47.80 -3.86 0.00	47.32 -3.73 0.00	46.52 -3.66 0.00	44.90 -3.43 0.00	42.31 -3.78 0.00	43.50 -3.96 0.00	49.48 -5.68 0.00	45.84 -5.49 0.00	45.10 -5.13 0.08	48.17 -6.13 0.10	47.34 -5.21 0.00	41.84 -4.55 0.09	47.18 -5.03 0.11	48.20 -5.23 0.70	39.97 -4.83 6.98	32.75 -5.33 13.88	37.94 -6.19 14.73	34.68 -5.60 14.42	32.50 -5.92 15.11	30.48 -5.90 14.66	25.53 -5.12 13.61	24.39 -4.69 13.06	28.56 -4.77 13.23
LOCKPORT___CC2 323770	48.93 -3.86 0.00	47.80 -3.86 0.00	47.32 -3.73 0.00	46.52 -3.66 0.00	44.90 -3.43 0.00	42.31 -3.78 0.00	43.50 -3.96 0.00	49.48 -5.68 0.00	45.84 -5.49 0.00	45.10 -5.13 0.08	48.17 -6.13 0.10	47.34 -5.21 0.00	41.84 -4.55 0.09	47.18 -5.03 0.11	48.20 -5.23 0.70	39.97 -4.83 6.98	32.75 -5.33 13.88	37.94 -6.19 14.73	34.68 -5.60 14.42	32.50 -5.92 15.11	30.48 -5.90 14.66	25.53 -5.12 13.61	24.39 -4.69 13.06	28.56 -4.77 13.23
LOCKPORT___CC3 323771	48.93 -3.86 0.00	47.80 -3.86 0.00	47.32 -3.73 0.00	46.52 -3.66 0.00	44.90 -3.43 0.00	42.31 -3.78 0.00	43.50 -3.96 0.00	49.48 -5.68 0.00	45.84 -5.49 0.00	45.10 -5.13 0.08	48.17 -6.13 0.10	47.34 -5.21 0.00	41.84 -4.55 0.09	47.18 -5.03 0.11	48.20 -5.23 0.70	39.97 -4.83 6.98	32.75 -5.33 13.88	37.94 -6.19 14.73	34.68 -5.60 14.42	32.50 -5.92 15.11	30.48 -5.90 14.66	25.53 -5.12 13.61	24.39 -4.69 13.06	28.56 -4.77 13.23
LOCUSVLY_69_KV_BK2 55797	56.37 3.58 0.00	55.05 3.40 0.00	54.29 3.24 0.00	53.17 2.99 0.00	51.17 2.84 0.00	48.94 2.85 0.00	50.36 2.90 0.00	58.42 3.26 0.00	54.23 2.90 0.00	53.45 3.14 0.00	57.85 3.46 0.00	55.93 3.37 0.00	49.17 2.70 0.00	55.13 2.81 0.00	57.30 3.17 0.00	90.19 3.47 -34.93	101.06 3.64 -45.47	70.01 3.99 -7.16	124.78 3.95 -66.13	110.45 4.05 -52.87	121.26 4.14 -66.07	80.79 3.66 -32.87	97.85 3.59 -52.13	51.05 3.70 -0.80
LONG_LAKE_PHOENIX 24014	50.59 -2.20 0.00	49.46 -2.20 0.00	48.88 -2.16 0.00	48.06 -2.13 0.00	46.30 -2.03 0.00	44.16 -1.94 0.00	45.51 -1.95 0.00	52.88 -2.28 0.00	49.21 -2.13 0.00	48.21 -2.10 0.00	52.05 -2.35 0.00	50.27 -2.28 0.00	44.48 -2.00 0.00	50.13 -2.18 0.00	51.77 -2.36 0.00	49.60 -2.18 0.00	49.81 -2.14 0.00	56.43 -2.43 0.00	52.44 -2.26 0.00	51.28 -2.25 0.00	48.84 -2.20 0.00	42.32 -1.94 0.00	40.30 -1.83 0.00	44.51 -2.04 0.00
LOVETT___3 23632	55.02 2.23 0.00	53.78 2.13 0.00	53.13 2.08 0.00	52.12 1.94 0.00	50.16 1.83 0.00	47.91 1.82 0.00	49.37 1.91 0.00	57.26 2.11 0.00	53.22 1.89 0.00	52.21 1.91 0.00	56.63 2.23 0.00	54.60 2.05 0.00	48.19 1.71 0.00	53.95 1.64 0.00	55.92 1.79 0.00	53.77 1.99 0.00	54.22 2.27 0.00	61.57 2.71 0.00	57.25 2.56 0.00	56.23 2.70 0.00	53.78 2.74 0.00	46.74 2.47 0.00	44.53 2.41 0.00	49.05 2.50 0.00
LOVETT___4 23642	55.02 2.23 0.00	53.78 2.13 0.00	53.13 2.08 0.00	52.12 1.94 0.00	50.16 1.83 0.00	47.91 1.82 0.00	49.37 1.91 0.00	57.26 2.11 0.00	53.22 1.89 0.00	52.21 1.91 0.00	56.63 2.23 0.00	54.60 2.05 0.00	48.19 1.71 0.00	53.95 1.64 0.00	55.92 1.79 0.00	53.77 1.99 0.00	54.22 2.27 0.00	61.57 2.71 0.00	57.25 2.56 0.00	56.23 2.70 0.00	53.78 2.74 0.00	46.74 2.47 0.00	44.53 2.41 0.00	49.05 2.50 0.00
LOVETT___5 23593	55.02 2.23 0.00	53.78 2.13 0.00	53.13 2.08 0.00	52.12 1.94 0.00	50.16 1.83 0.00	47.91 1.82 0.00	49.37 1.91 0.00	57.26 2.11 0.00	53.22 1.89 0.00	52.21 1.91 0.00	56.63 2.23 0.00	54.60 2.05 0.00	48.19 1.71 0.00	53.95 1.64 0.00	55.92 1.79 0.00	53.77 1.99 0.00	54.22 2.27 0.00	61.57 2.71 0.00	57.25 2.56 0.00	56.23 2.70 0.00	53.78 2.74 0.00	46.74 2.47 0.00	44.53 2.41 0.00	49.05 2.50 0.00
LOWER RAQUET___HYD 24057	54.04 1.25 0.00	52.85 1.20 0.00	52.13 1.09 0.00	51.34 1.15 0.00	49.40 1.07 0.00	47.03 0.93 0.00	48.44 0.99 0.00	56.66 1.50 0.00	52.91 1.58 0.00	51.90 1.59 0.00	56.08 1.68 0.00	54.36 1.80 0.00	48.20 1.73 0.00	54.62 2.31 0.00	56.29 2.16 0.00	53.34 1.56 0.00	53.18 1.23 0.00	60.04 1.19 0.00	55.79 1.10 0.00	54.49 0.96 0.00	51.74 0.70 0.00	44.70 0.44 0.00	42.45 0.33 0.00	46.90 0.35 0.00
LOWER___HUDSON 24059	54.54 1.76 0.00	53.46 1.80 0.00	52.86 1.81 0.00	52.00 1.81 0.00	50.08 1.75 0.00	47.81 1.72 0.00	49.14 1.69 0.00	57.12 1.97 0.00	53.05 1.71 0.00	51.69 1.38 0.00	55.97 1.58 0.00	53.90 1.34 0.00	47.72 1.25 0.00	53.62 1.31 0.00	55.78 1.65 0.00	53.55 1.77 0.00	53.94 1.98 0.00	61.14 2.28 0.00	56.85 2.16 0.00	55.74 2.21 0.00	53.26 2.22 0.00	46.27 2.01 0.00	44.00 1.88 0.00	48.69 2.14 0.00
LOWVILLE_115KV_TB2 356335	52.15 -0.63 0.00	50.69 -0.97 0.00	49.85 -1.20 0.00	49.09 -1.10 0.00	47.22 -1.11 0.00	45.14 -0.95 0.00	47.21 -0.25 0.00	56.33 1.18 0.00	52.63 1.30 0.00	51.41 1.10 0.00	55.33 0.94 0.00	53.59 1.04 0.00	46.72 0.24 0.00	53.88 1.57 0.00	55.18 1.05 0.00	51.64 -0.14 0.00	51.46 -0.49 0.00	57.95 -0.90 0.00	53.85 -0.85 0.00	52.62 -0.91 0.00	49.84 -1.21 0.00	43.14 -1.13 0.00	41.02 -1.11 0.00	45.07 -1.48 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	55.17 2.38 0.00	54.04 2.39 0.00	53.44 2.39 0.00	52.56 2.37 0.00	50.65 2.32 0.00	48.37 2.27 0.00	49.83 2.38 0.00	57.94 2.79 0.00	53.70 2.37 0.00	52.23 1.92 0.00	56.43 2.04 0.00	54.35 1.80 0.00	48.10 1.63 0.00	54.38 2.06 0.00	56.64 2.52 0.00	54.35 2.56 0.00	54.76 2.81 0.00	62.09 3.24 0.00	57.70 3.01 0.00	56.51 2.98 0.00	53.91 2.87 0.00	46.77 2.51 0.00	44.43 2.31 0.00	49.11 2.55 0.00

LUTHERNY_35_KV_BK2 355980	55.22 2.43 0.00	54.05 2.40 0.00	53.45 2.41 0.00	52.56 2.37 0.00	50.68 2.34 0.00	48.39 2.30 0.00	49.87 2.42 0.00	58.01 2.86 0.00	53.74 2.40 0.00	52.29 1.98 0.00	56.47 2.08 0.00	54.37 1.82 0.00	48.14 1.67 0.00	54.43 2.12 0.00	56.68 2.55 0.00	54.38 2.60 0.00	54.78 2.83 0.00	62.15 3.30 0.00	57.74 3.05 0.00	56.56 3.03 0.00	53.98 2.94 0.00	46.79 2.53 0.00	44.44 2.31 0.00	49.14 2.58 0.00
LWR___OSWEGATCHIE_HYD 23850	52.79 0.01 0.00	51.51 -0.15 0.00	50.74 -0.31 0.00	49.97 -0.22 0.00	48.03 -0.31 0.00	45.73 -0.36 0.00	47.44 -0.02 0.00	56.05 0.89 0.00	52.36 1.02 0.00	51.21 0.90 0.00	55.28 0.88 0.00	53.66 1.10 0.00	47.20 0.73 0.00	54.01 1.69 0.00	55.45 1.33 0.00	52.24 0.46 0.00	51.91 -0.03 0.00	58.57 -0.28 0.00	54.39 -0.30 0.00	53.13 -0.39 0.00	50.28 -0.76 0.00	43.48 -0.79 0.00	41.32 -0.80 0.00	45.56 -1.00 0.00
LYONS_FALL_HYD 23570	52.79 0.00 0.00	51.43 -0.23 0.00	50.69 -0.36 0.00	49.87 -0.32 0.00	48.02 -0.32 0.00	45.87 -0.23 0.00	47.74 0.28 0.00	56.43 1.27 0.00	52.64 1.31 0.00	51.46 1.15 0.00	55.48 1.09 0.00	53.67 1.12 0.00	46.97 0.50 0.00	53.77 1.45 0.00	55.26 1.13 0.00	52.15 0.37 0.00	52.18 0.23 0.00	58.90 0.04 0.00	54.71 0.02 0.00	53.47 -0.06 0.00	50.76 -0.28 0.00	43.95 -0.32 0.00	41.78 -0.35 0.00	45.98 -0.57 0.00
MADISON___COUNTY_LFGE 323628	53.60 0.82 0.00	52.37 0.71 0.00	51.81 0.76 0.00	50.97 0.78 0.00	49.13 0.79 0.00	46.88 0.79 0.00	48.53 1.08 0.00	56.62 1.47 0.00	52.72 1.38 0.00	51.55 1.24 0.00	55.67 1.27 0.00	53.74 1.19 0.00	47.15 0.68 0.00	53.49 1.17 0.00	55.38 1.25 0.00	52.82 1.04 0.00	53.15 1.19 0.00	60.11 1.25 0.00	55.81 1.11 0.00	54.43 0.91 0.00	51.80 0.76 0.00	44.88 0.62 0.00	42.64 0.51 0.00	47.03 0.47 0.00
MALONE___115KV_TB1 356076	53.66 0.88 0.00	52.52 0.87 0.00	51.89 0.85 0.00	51.10 0.91 0.00	49.17 0.84 0.00	46.84 0.75 0.00	48.35 0.89 0.00	56.58 1.43 0.00	53.15 1.82 0.00	52.49 2.18 0.00	56.85 2.45 0.00	55.04 2.49 0.00	48.82 2.34 0.00	55.19 2.87 0.00	56.96 2.83 0.00	53.90 2.12 0.00	53.41 1.46 0.00	60.51 1.66 0.00	56.01 1.32 0.00	54.56 1.04 0.00	51.91 0.87 0.00	44.78 0.51 0.00	42.39 0.26 0.00	46.91 0.36 0.00
MAPLEWOD_115KV_TB3 80458	54.57 1.79 0.00	53.48 1.82 0.00	52.85 1.80 0.00	51.99 1.80 0.00	50.06 1.73 0.00	47.75 1.65 0.00	48.93 1.47 0.00	56.87 1.72 0.00	52.88 1.55 0.00	51.62 1.31 0.00	55.97 1.58 0.00	53.91 1.35 0.00	47.67 1.20 0.00	53.49 1.18 0.00	55.58 1.45 0.00	53.36 1.58 0.00	53.76 1.81 0.00	60.96 2.10 0.00	56.64 1.94 0.00	55.55 2.02 0.00	53.08 2.03 0.00	46.12 1.86 0.00	44.00 1.88 0.00	48.74 2.19 0.00
MAPLE_RIDGE_WT_1 323574	51.59 -1.19 0.00	50.45 -1.21 0.00	49.82 -1.23 0.00	49.08 -1.11 0.00	47.30 -1.03 0.00	45.31 -0.78 0.00	46.87 -0.58 0.00	55.16 0.00 0.00	51.50 0.16 0.00	50.52 0.21 0.00	54.28 -0.11 0.00	52.43 -0.13 0.00	46.13 -0.35 0.00	52.17 -0.14 0.00	53.73 -0.40 0.00	50.88 -0.90 0.00	50.67 -1.28 0.00	57.24 -1.61 0.00	53.21 -1.49 0.00	52.06 -1.47 0.00	49.60 -1.44 0.00	42.99 -1.27 0.00	40.91 -1.21 0.00	45.21 -1.35 0.00
MAPLE_RIDGE_WT_2 323611	51.59 -1.19 0.00	50.45 -1.21 0.00	49.82 -1.23 0.00	49.08 -1.11 0.00	47.30 -1.03 0.00	45.31 -0.78 0.00	46.87 -0.58 0.00	55.16 0.00 0.00	51.50 0.16 0.00	50.52 0.21 0.00	54.28 -0.11 0.00	52.43 -0.13 0.00	46.13 -0.35 0.00	52.17 -0.14 0.00	53.73 -0.40 0.00	50.88 -0.90 0.00	50.67 -1.28 0.00	57.24 -1.61 0.00	53.21 -1.49 0.00	52.06 -1.47 0.00	49.60 -1.44 0.00	42.99 -1.27 0.00	40.91 -1.21 0.00	45.21 -1.35 0.00
MARBLE_RIVER_WT_PWR 323696	52.55 -0.23 0.00	51.47 -0.19 0.00	50.83 -0.22 0.00	50.04 -0.15 0.00	48.18 -0.15 0.00	45.95 -0.15 0.00	47.40 -0.06 0.00	55.42 0.27 0.00	52.04 0.70 0.00	51.45 1.14 0.00	55.74 1.34 0.00	53.93 1.37 0.00	47.81 1.33 0.00	54.00 1.69 0.00	55.80 1.68 0.00	52.83 1.04 0.00	52.29 0.34 0.00	59.31 0.46 0.00	54.85 0.15 0.00	53.42 -0.11 0.00	50.94 -0.10 0.00	43.99 -0.28 0.00	41.66 -0.47 0.00	46.19 -0.37 0.00
MARSHVLE_115KV_TB1 80742	53.21 0.42 0.00	51.98 0.33 0.00	51.36 0.31 0.00	50.53 0.34 0.00	48.67 0.34 0.00	46.51 0.41 0.00	48.12 0.66 0.00	56.15 1.00 0.00	52.19 0.85 0.00	51.19 0.88 0.00	54.92 0.53 0.00	53.08 0.52 0.00	46.89 0.41 0.00	53.34 1.02 0.00	55.36 1.23 0.00	52.71 0.93 0.00	52.92 0.97 0.00	60.01 1.15 0.00	55.73 1.04 0.00	54.41 0.88 0.00	51.72 0.68 0.00	44.87 0.61 0.00	42.41 0.28 0.00	46.63 0.08 0.00
MARSH_HILL_WT_PWR 323713	47.78 -5.00 0.00	46.67 -4.98 0.00	46.56 -4.48 0.00	46.30 -3.89 0.00	45.58 -2.76 0.00	44.26 -1.84 0.00	46.59 -0.86 0.00	53.77 -1.38 0.00	48.58 -2.75 0.00	47.46 -3.20 -0.34	50.62 -4.19 -0.42	48.34 -4.21 0.00	42.65 -4.23 -0.40	47.30 -5.48 -0.47	50.92 -6.24 -3.03	75.85 -5.89 -29.96	105.21 -6.30 -59.56	115.01 -7.04 -63.20	110.28 -6.31 -61.90	112.18 -6.19 -64.84	108.22 -5.94 -63.12	98.30 -5.27 -59.30	93.77 -4.96 -56.60	97.69 -5.66 -56.80
MCINTYRE_115KV_TB2 80467	55.29 2.50 0.00	54.08 2.42 0.00	53.35 2.30 0.00	52.56 2.37 0.00	50.58 2.24 0.00	48.16 2.06 0.00	49.56 2.10 0.00	57.81 2.66 0.00	53.87 2.53 0.00	52.55 2.24 0.00	56.73 2.34 0.00	54.84 2.29 0.00	49.05 2.57 0.00	55.55 3.23 0.00	57.30 3.17 0.00	54.24 2.45 0.00	54.50 2.55 0.00	61.65 2.79 0.00	57.26 2.56 0.00	55.90 2.37 0.00	53.07 2.02 0.00	45.83 1.57 0.00	43.49 1.37 0.00	48.02 1.46 0.00
MECO____69_KV_BK1 80468	54.86 2.08 0.00	53.62 1.96 0.00	52.96 1.92 0.00	52.09 1.90 0.00	50.18 1.85 0.00	47.93 1.84 0.00	49.54 2.09 0.00	57.80 2.65 0.00	53.59 2.26 0.00	51.99 1.68 0.00	55.66 1.26 0.00	53.59 1.03 0.00	47.25 0.78 0.00	54.42 2.11 0.00	56.82 2.69 0.00	54.25 2.47 0.00	54.70 2.75 0.00	62.11 3.25 0.00	57.65 2.95 0.00	56.32 2.80 0.00	53.57 2.52 0.00	46.44 2.17 0.00	43.94 1.81 0.00	48.34 1.78 0.00
MENANDS___115KV_TB5 355628	54.39 1.60 0.00	53.32 1.66 0.00	52.70 1.65 0.00	51.84 1.66 0.00	49.92 1.59 0.00	47.60 1.51 0.00	48.72 1.26 0.00	56.61 1.46 0.00	52.64 1.31 0.00	51.41 1.10 0.00	55.81 1.41 0.00	53.75 1.19 0.00	47.54 1.06 0.00	53.27 0.96 0.00	55.27 1.14 0.00	53.06 1.27 0.00	53.44 1.49 0.00	60.59 1.73 0.00	56.30 1.61 0.00	55.24 1.72 0.00	52.81 1.77 0.00	45.89 1.63 0.00	43.84 1.72 0.00	48.62 2.06 0.00
MG INDUSTRY___DRP 24185	54.28 1.50 0.00	53.19 1.53 0.00	52.57 1.52 0.00	51.71 1.52 0.00	49.79 1.46 0.00	47.48 1.38 0.00	48.69 1.23 0.00	56.56 1.40 0.00	52.57 1.24 0.00	51.33 1.02 0.00	55.52 1.13 0.00	53.53 0.98 0.00	47.33 0.86 0.00	53.28 0.96 0.00	55.24 1.11 0.00	52.99 1.20 0.00	53.37 1.42 0.00	60.47 1.61 0.00	56.16 1.46 0.00	55.09 1.56 0.00	52.61 1.57 0.00	45.71 1.44 0.00	43.64 1.51 0.00	48.35 1.80 0.00

MID___OSWEGATCHIE_HYD 23849	52.79 0.01 0.00	51.51 -0.15 0.00	50.74 -0.31 0.00	49.97 -0.22 0.00	48.03 -0.31 0.00	45.73 -0.36 0.00	47.44 -0.02 0.00	56.05 0.89 0.00	52.36 1.02 0.00	51.21 0.90 0.00	55.28 0.88 0.00	53.66 1.10 0.00	47.20 0.73 0.00	54.01 1.69 0.00	55.45 1.33 0.00	52.24 0.46 0.00	51.91 -0.03 0.00	58.57 -0.28 0.00	54.39 -0.30 0.00	53.13 -0.39 0.00	50.28 -0.76 0.00	43.48 -0.79 0.00	41.32 -0.80 0.00	45.56 -1.00 0.00
MID___RAQUETTE_HYD 23851	54.04 1.25 0.00	52.86 1.20 0.00	52.13 1.09 0.00	51.34 1.15 0.00	49.40 1.07 0.00	47.03 0.93 0.00	48.44 0.99 0.00	56.65 1.50 0.00	52.91 1.58 0.00	51.90 1.59 0.00	56.08 1.68 0.00	54.36 1.80 0.00	48.20 1.73 0.00	54.62 2.31 0.00	56.29 2.16 0.00	53.34 1.56 0.00	53.18 1.24 0.00	60.05 1.20 0.00	55.80 1.10 0.00	54.49 0.96 0.00	51.74 0.70 0.00	44.71 0.45 0.00	42.46 0.33 0.00	46.90 0.35 0.00
MILLIKEN___1 23584	52.62 -0.16 0.00	51.44 -0.21 0.00	50.94 -0.10 0.00	50.05 -0.13 0.00	48.25 -0.08 0.00	46.05 -0.04 0.00	47.65 0.20 0.00	55.40 0.24 0.00	51.43 0.10 0.00	50.36 0.02 -0.03	54.07 -0.36 -0.03	51.82 -0.74 0.00	46.22 -0.28 -0.03	52.25 -0.10 -0.03	53.95 -0.40 -0.22	53.82 -0.15 -0.19	56.20 -0.09 -0.35	63.32 -0.14 -0.46	59.08 -0.13 -0.45	58.03 -0.23 -0.73	55.37 -0.28 -0.61	48.30 -0.29 -0.43	45.90 -0.35 -0.13	50.26 -0.44 -0.14
MILLIKEN___2 23585	52.62 -0.16 0.00	51.44 -0.21 0.00	50.94 -0.10 0.00	50.05 -0.13 0.00	48.25 -0.08 0.00	46.05 -0.04 0.00	47.65 0.20 0.00	55.40 0.24 0.00	51.43 0.10 0.00	50.36 0.02 -0.03	54.07 -0.36 -0.03	51.82 -0.74 0.00	46.22 -0.28 -0.03	52.25 -0.10 -0.03	53.95 -0.40 -0.22	53.82 -0.15 -0.19	56.20 -0.09 -0.35	63.32 -0.14 -0.46	59.08 -0.13 -0.45	58.03 -0.23 -0.73	55.37 -0.28 -0.61	48.30 -0.29 -0.43	45.90 -0.35 -0.13	50.26 -0.44 -0.14
MILLIKEN___DIESEL 23629	52.62 -0.16 0.00	51.44 -0.21 0.00	50.94 -0.10 0.00	50.05 -0.13 0.00	48.25 -0.08 0.00	46.05 -0.04 0.00	47.65 0.20 0.00	55.40 0.24 0.00	51.43 0.10 0.00	50.36 0.02 -0.03	54.07 -0.36 -0.03	51.82 -0.74 0.00	46.22 -0.28 -0.03	52.25 -0.10 -0.03	53.95 -0.40 -0.22	53.82 -0.15 -0.19	56.20 -0.09 -0.35	63.32 -0.14 -0.46	59.08 -0.13 -0.45	58.03 -0.23 -0.73	55.37 -0.28 -0.61	48.30 -0.29 -0.43	45.90 -0.35 -0.13	50.26 -0.44 -0.14
MILLSEAT___LFGE 323607	50.25 -2.53 0.00	49.05 -2.61 0.00	48.53 -2.52 0.00	47.69 -2.49 0.00	46.03 -2.31 0.00	43.45 -2.65 0.00	44.72 -2.74 0.00	51.05 -4.10 0.00	47.38 -3.95 0.00	46.59 -3.66 0.06	49.40 -4.92 0.07	48.70 -3.86 0.00	43.18 -3.22 0.07	48.64 -3.59 0.08	49.87 -3.72 0.54	43.09 -3.35 5.34	37.63 -3.70 10.62	43.33 -4.25 11.27	39.82 -3.84 11.03	37.79 -4.18 11.56	35.52 -4.31 11.21	30.11 -3.78 10.37	28.69 -3.47 9.96	32.89 -3.53 10.12
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	55.24 2.45 0.00	53.99 2.33 0.00	53.32 2.28 0.00	52.29 2.11 0.00	50.34 2.01 0.00	48.07 1.98 0.00	49.54 2.08 0.00	57.48 2.32 0.00	53.44 2.11 0.00	52.43 2.12 0.00	56.88 2.48 0.00	54.88 2.32 0.00	48.41 1.93 0.00	54.21 1.90 0.00	56.22 2.10 0.00	54.05 2.27 0.00	54.51 2.56 0.00	61.87 3.02 0.00	57.53 2.84 0.00	56.50 2.97 0.00	54.05 3.00 0.00	46.96 2.70 0.00	44.74 2.61 0.00	49.27 2.72 0.00
MILLWOOD_13_KV_LOAD 356217	55.35 2.56 0.00	54.10 2.45 0.00	53.43 2.39 0.00	52.42 2.23 0.00	50.45 2.11 0.00	48.18 2.08 0.00	49.66 2.20 0.00	57.62 2.47 0.00	53.57 2.24 0.00	52.54 2.23 0.00	57.00 2.61 0.00	55.03 2.47 0.00	48.51 2.04 0.00	54.32 2.01 0.00	56.35 2.22 0.00	54.19 2.41 0.00	54.65 2.70 0.00	62.02 3.17 0.00	57.69 2.99 0.00	56.65 3.12 0.00	54.18 3.13 0.00	47.06 2.80 0.00	44.83 2.71 0.00	49.38 2.82 0.00
MODEL_CITY_ENERGY 24167	48.45 -4.33 0.00	47.32 -4.33 0.00	46.83 -4.22 0.00	46.03 -4.16 0.00	44.43 -3.91 0.00	41.86 -4.24 0.00	42.99 -4.46 0.00	48.84 -6.31 0.00	45.29 -6.04 0.00	44.61 -5.62 0.08	47.65 -6.65 0.09	46.85 -5.71 0.00	41.41 -4.97 0.09	46.72 -5.49 0.10	47.84 -5.60 0.68	39.87 -5.14 6.78	32.77 -5.70 13.48	37.91 -6.64 14.30	34.70 -5.99 14.01	32.55 -6.30 14.67	30.59 -6.24 14.21	25.82 -5.39 13.05	24.62 -4.94 12.57	28.68 -5.02 12.85
MODERN_LFGE___ 323580	48.45 -4.33 0.00	47.32 -4.33 0.00	46.83 -4.22 0.00	46.03 -4.16 0.00	44.43 -3.91 0.00	41.86 -4.24 0.00	42.99 -4.46 0.00	48.84 -6.31 0.00	45.29 -6.04 0.00	44.61 -5.62 0.08	47.65 -6.65 0.09	46.85 -5.71 0.00	41.41 -4.97 0.09	46.72 -5.49 0.10	47.84 -5.60 0.68	39.87 -5.14 6.78	32.77 -5.70 13.48	37.91 -6.64 14.30	34.70 -5.99 14.01	32.55 -6.30 14.67	30.59 -6.24 14.21	25.82 -5.39 13.05	24.62 -4.94 12.57	28.68 -5.02 12.85
MOHAWK_PAPER___DRP 24187	54.57 1.79 0.00	53.48 1.82 0.00	52.85 1.80 0.00	51.99 1.80 0.00	50.06 1.73 0.00	47.75 1.65 0.00	48.93 1.47 0.00	56.87 1.72 0.00	52.88 1.55 0.00	51.62 1.31 0.00	55.97 1.58 0.00	53.91 1.35 0.00	47.67 1.20 0.00	53.49 1.18 0.00	55.58 1.45 0.00	53.36 1.58 0.00	53.76 1.81 0.00	60.96 2.10 0.00	56.64 1.94 0.00	55.55 2.02 0.00	53.08 2.03 0.00	46.12 1.86 0.00	44.00 1.88 0.00	48.74 2.19 0.00
MOHICAN___35_KV_115KV_LD 80490	55.54 2.76 0.00	54.42 2.77 0.00	53.84 2.79 0.00	52.99 2.80 0.00	51.12 2.79 0.00	48.81 2.72 0.00	50.35 2.89 0.00	58.60 3.45 0.00	54.15 2.82 0.00	52.47 2.16 0.00	56.63 2.24 0.00	54.51 1.96 0.00	48.31 1.83 0.00	54.79 2.48 0.00	57.34 3.21 0.00	54.98 3.20 0.00	55.47 3.52 0.00	62.88 4.02 0.00	58.43 3.73 0.00	57.22 3.69 0.00	54.42 3.38 0.00	47.24 2.97 0.00	44.77 2.64 0.00	49.44 2.89 0.00
MONGAUP___HYD 23641	55.33 2.55 0.00	54.09 2.43 0.00	53.43 2.39 0.00	52.46 2.27 0.00	50.50 2.17 0.00	48.23 2.13 0.00	49.72 2.27 0.00	57.75 2.59 0.00	53.61 2.28 0.00	52.21 1.90 0.00	56.23 1.83 0.00	54.73 2.18 0.00	47.70 1.22 0.00	53.48 1.17 0.00	55.86 1.73 0.00	53.78 2.00 0.00	54.60 2.65 0.00	62.14 3.29 0.00	57.77 3.08 0.00	56.68 3.15 0.00	54.14 3.09 0.00	46.99 2.73 0.00	44.71 2.59 0.00	49.22 2.66 0.00
MONTAUK___DIESEL 23721	58.62 5.84 0.00	57.22 5.56 0.00	56.42 5.38 0.00	55.24 5.05 0.00	53.17 4.84 0.00	50.94 4.85 0.00	52.49 5.04 0.00	60.89 5.74 0.00	56.40 5.07 0.00	55.48 5.17 0.00	59.65 5.26 0.00	57.69 5.14 0.00	50.62 4.14 0.00	56.91 4.59 0.00	59.03 4.90 0.00	81.65 5.52 -24.35	89.62 5.98 -31.69	69.95 6.11 -4.99	106.83 6.03 -46.10	96.63 6.24 -36.86	103.55 6.46 -46.05	72.81 5.64 -22.91	84.20 5.74 -36.34	53.03 5.92 -0.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	49.90 -2.88 0.00	49.08 -2.57 0.00	49.39 -1.65 0.00	48.78 -1.41 0.00	47.27 -1.07 0.00	44.74 -1.35 0.00	46.71 -0.75 0.00	52.01 -3.14 0.00	47.17 -4.17 0.00	45.90 -4.35 0.07	49.21 -5.10 0.08	47.81 -4.74 0.00	41.86 -4.54 0.08	46.94 -5.28 0.09	47.61 -5.91 0.61	40.81 -4.92 6.05	34.03 -5.90 12.03	39.20 -6.90 12.76	35.97 -6.23 12.50	34.11 -6.33 13.09	32.05 -6.26 12.73	26.74 -5.61 11.91	25.64 -5.10 11.39	29.87 -5.22 11.47

MORRIS_RIDGE___SOLAR 323848	48.40 -4.38 0.00	47.35 -4.31 0.00	47.14 -3.91 0.00	46.60 -3.59 0.00	45.46 -2.88 0.00	43.58 -2.52 0.00	45.48 -1.98 0.00	52.16 -3.00 0.00	47.65 -3.69 0.00	45.84 -3.98 0.49	48.63 -5.16 0.60	47.93 -4.62 0.00	41.55 -4.36 0.57	46.43 -5.22 0.67	43.92 -5.85 4.36	3.25 -5.39 43.14	-39.51 -5.70 85.76	-38.62 -6.47 91.00	-40.22 -5.80 89.12	-45.59 -5.76 93.36	-45.47 -5.64 90.87	-46.00 -4.93 85.33	-43.84 -4.50 81.46	-40.22 -5.00 81.78
MORTIMER_115KV_TB3 55949	50.71 -2.07 0.00	49.52 -2.14 0.00	48.96 -2.08 0.00	48.09 -2.09 0.00	46.37 -1.97 0.00	43.94 -2.16 0.00	45.26 -2.20 0.00	52.09 -3.07 0.00	48.38 -2.95 0.00	47.54 -2.77 0.00	50.98 -3.42 0.00	49.69 -2.86 0.00	44.10 -2.39 0.00	49.60 -2.71 0.00	51.16 -2.97 0.00	49.01 -2.78 0.00	49.00 -2.95 0.00	55.49 -3.36 0.00	51.59 -3.11 0.00	50.16 -3.36 0.00	47.63 -3.42 0.00	41.26 -3.03 -0.02	39.31 -2.84 -0.01	43.62 -2.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	55.63 2.85 0.00	54.34 2.68 0.00	53.64 2.59 0.00	52.58 2.39 0.00	50.61 2.27 0.00	48.34 2.24 0.00	49.83 2.37 0.00	57.81 2.65 0.00	53.75 2.41 0.00	52.79 2.48 0.00	57.27 2.87 0.00	55.28 2.72 0.00	48.74 2.27 0.00	54.59 2.28 0.00	56.61 2.48 0.00	54.44 2.66 0.00	54.89 2.94 0.00	62.28 3.42 0.00	57.94 3.24 0.00	56.91 3.39 0.00	54.44 3.40 0.00	47.29 3.03 0.00	45.05 2.93 0.00	49.59 3.03 0.00
MUNSVILLE_WIND_PWR 323609	52.54 -0.24 0.00	51.53 -0.13 0.00	51.07 0.02 0.00	50.21 0.02 0.00	48.62 0.28 0.00	46.90 0.81 0.00	48.77 1.32 0.00	58.28 3.12 0.00	55.01 3.67 0.00	53.80 3.48 -0.02	57.47 3.05 -0.02	54.89 2.33 0.00	48.27 1.77 -0.02	53.88 1.54 -0.02	55.41 1.12 -0.16	54.66 1.33 -1.55	55.80 0.78 -3.08	62.80 0.68 -3.27	58.39 0.50 -3.20	57.33 0.45 -3.35	54.67 0.37 -3.26	47.63 0.30 -3.06	45.14 0.09 -2.92	49.25 -0.24 -2.93
N SALMON___HYD 24042	53.67 0.88 0.00	52.52 0.87 0.00	51.89 0.84 0.00	51.09 0.91 0.00	49.17 0.84 0.00	46.84 0.74 0.00	48.34 0.89 0.00	56.58 1.42 0.00	53.15 1.82 0.00	52.50 2.18 0.00	56.85 2.46 0.00	55.04 2.49 0.00	48.81 2.34 0.00	55.19 2.87 0.00	56.96 2.83 0.00	53.90 2.12 0.00	53.40 1.46 0.00	60.51 1.66 0.00	56.01 1.32 0.00	54.56 1.04 0.00	51.91 0.86 0.00	44.78 0.51 0.00	42.39 0.26 0.00	46.91 0.36 0.00
N.AKRON___115KV_KNAPP 355671	49.89 -2.90 0.00	48.70 -2.96 0.00	48.19 -2.85 0.00	47.36 -2.83 0.00	45.71 -2.62 0.00	43.14 -2.96 0.00	44.38 -3.07 0.00	50.58 -4.57 0.00	46.93 -4.40 0.00	46.17 -4.07 0.06	49.06 -5.25 0.08	48.36 -4.19 0.00	42.86 -3.54 0.08	48.26 -3.97 0.09	49.40 -4.14 0.58	42.19 -3.81 5.78	36.22 -4.24 11.49	41.74 -4.92 12.20	38.33 -4.42 11.94	36.21 -4.81 12.51	34.04 -4.87 12.14	28.73 -4.30 11.23	27.38 -3.96 10.78	31.63 -3.96 10.96
N.E._GEN_SANDY PD 24062	54.67 1.88 0.00	53.55 1.89 0.00	52.94 1.90 0.00	52.09 1.90 0.00	50.42 1.80 -0.29	47.92 1.77 -0.05	49.28 1.77 -0.06	58.18 1.99 -1.04	53.27 1.75 -0.19	50.93 1.52 0.90	56.54 1.90 -0.25	54.03 1.69 0.21	48.02 1.55 0.00	53.73 1.44 0.02	55.82 1.70 0.00	53.44 1.87 0.21	54.05 2.10 0.00	61.28 2.42 0.00	60.71 2.31 -3.71	56.91 2.44 -0.94	54.29 2.53 -0.72	46.97 2.28 -0.43	44.29 2.17 0.00	49.67 2.44 -0.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	55.14 2.35 0.00	53.90 2.24 0.00	53.24 2.19 0.00	52.23 2.04 0.00	50.28 1.95 0.00	48.01 1.92 0.00	49.49 2.03 0.00	57.40 2.25 0.00	53.34 2.00 0.00	52.32 2.01 0.00	56.73 2.34 0.00	54.71 2.16 0.00	48.27 1.80 0.00	54.06 1.74 0.00	56.03 1.90 0.00	53.87 2.09 0.00	54.34 2.39 0.00	61.72 2.87 0.00	57.40 2.70 0.00	56.36 2.84 0.00	53.91 2.86 0.00	46.83 2.57 0.00	44.62 2.49 0.00	49.15 2.59 0.00
N.QUEENS_27_KV_LOAD 356247	55.73 2.94 0.00	54.46 2.80 0.00	53.72 2.68 0.00	52.66 2.48 0.00	50.67 2.34 0.00	48.45 2.35 0.00	49.84 2.38 0.00	57.76 2.61 0.00	53.82 2.49 0.00	52.98 2.67 0.00	57.30 2.91 0.00	55.37 2.82 0.00	48.75 2.27 0.00	54.55 2.23 0.00	56.53 2.40 0.00	54.37 2.59 0.00	54.74 2.79 0.00	62.12 3.26 0.00	57.91 3.21 0.00	56.97 3.44 0.00	54.52 3.48 0.00	47.44 3.18 0.00	45.15 3.02 0.00	49.65 3.09 0.00
N.TROY___115KV_TB1 355778	54.54 1.76 0.00	53.46 1.80 0.00	52.86 1.81 0.00	52.00 1.81 0.00	50.08 1.75 0.00	47.81 1.72 0.00	49.14 1.68 0.00	57.12 1.97 0.00	53.05 1.72 0.00	51.69 1.38 0.00	55.98 1.58 0.00	53.89 1.34 0.00	47.72 1.25 0.00	53.62 1.31 0.00	55.78 1.65 0.00	53.55 1.77 0.00	53.94 1.99 0.00	61.14 2.28 0.00	56.86 2.16 0.00	55.74 2.21 0.00	53.27 2.22 0.00	46.27 2.00 0.00	44.00 1.88 0.00	48.70 2.15 0.00
NARROWS_GT1_1 24228	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT1_2 24229	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT1_3 24230	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT1_4 24231	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT1_5 24232	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00

NARROWS_GT1_6 24233	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT1_7 24234	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT1_8 24235	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_1 24236	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_2 24237	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_3 24238	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_4 24239	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_5 24240	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_6 24241	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_7 24242	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NARROWS_GT2_8 24243	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	55.63 2.85 0.00	54.51 2.85 0.00	53.88 2.84 0.00	53.01 2.82 0.00	51.06 2.73 0.00	48.72 2.62 0.00	49.95 2.50 0.00	58.17 3.02 0.00	54.06 2.73 0.00	52.49 2.18 0.00	56.63 2.23 0.00	54.34 1.78 0.00	47.95 1.48 0.00	54.35 2.04 0.00	56.66 2.53 0.00	54.44 2.66 0.00	54.88 2.93 0.00	62.34 3.49 0.00	57.90 3.20 0.00	56.75 3.22 0.00	54.12 3.08 0.00	46.95 2.69 0.00	44.80 2.67 0.00	49.61 3.06 0.00
NCHELSEA_115KV_TR2 355582	55.55 2.77 0.00	54.31 2.65 0.00	53.64 2.59 0.00	52.64 2.45 0.00	50.68 2.35 0.00	48.40 2.30 0.00	49.89 2.43 0.00	57.94 2.79 0.00	53.86 2.53 0.00	52.76 2.45 0.00	57.28 2.89 0.00	55.32 2.76 0.00	48.74 2.26 0.00	54.59 2.28 0.00	56.69 2.56 0.00	54.53 2.75 0.00	55.01 3.06 0.00	62.46 3.61 0.00	58.05 3.35 0.00	56.97 3.44 0.00	54.47 3.43 0.00	47.29 3.02 0.00	45.01 2.88 0.00	49.57 3.02 0.00
NEG CAPITAL___MECHNVIL 23645	55.29 2.50 0.00	54.15 2.50 0.00	53.54 2.50 0.00	52.67 2.48 0.00	50.75 2.42 0.00	48.45 2.36 0.00	49.90 2.45 0.00	58.04 2.88 0.00	53.83 2.49 0.00	52.36 2.06 0.00	56.59 2.20 0.00	54.50 1.95 0.00	48.24 1.77 0.00	54.50 2.18 0.00	56.79 2.66 0.00	54.47 2.69 0.00	54.88 2.93 0.00	62.23 3.38 0.00	57.82 3.13 0.00	56.65 3.13 0.00	54.05 3.00 0.00	46.90 2.64 0.00	44.55 2.43 0.00	49.24 2.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.07 -2.72 0.00	48.88 -2.78 0.00	48.32 -2.73 0.00	47.47 -2.72 0.00	45.77 -2.57 0.00	43.42 -2.67 0.00	44.77 -2.69 0.00	51.67 -3.49 0.00	47.98 -3.36 0.00	47.12 -3.19 0.00	50.60 -3.80 0.00	49.15 -3.40 0.00	43.64 -2.83 0.00	49.14 -3.17 0.00	50.69 -3.44 0.00	48.61 -3.17 0.00	48.66 -3.29 0.00	55.12 -3.73 0.00	51.23 -3.47 0.00	49.86 -3.67 0.00	47.35 -3.70 0.00	40.99 -3.27 0.00	39.05 -3.08 0.00	43.26 -3.29 0.00

NEG CENTRAL___DRP 24199	51.64 -1.14 0.00	50.47 -1.19 0.00	49.96 -1.08 0.00	49.12 -1.07 0.00	47.39 -0.94 0.00	45.22 -0.88 0.00	46.82 -0.64 0.00	54.09 -1.07 0.00	50.03 -1.31 0.00	49.00 -1.34 -0.03	52.70 -1.73 -0.04	50.57 -1.98 0.00	45.15 -1.37 -0.04	50.86 -1.50 -0.04	52.49 -1.92 -0.29	52.96 -1.67 -2.85	55.92 -1.70 -5.67	62.94 -1.93 -6.01	58.85 -1.73 -5.89	57.86 -1.84 -6.17	55.18 -1.87 -6.01	48.21 -1.69 -5.64	45.86 -1.65 -5.39	50.14 -1.82 -5.41
NEG CENTRAL___INDECK 23768	51.61 -1.18 0.00	50.36 -1.30 0.00	49.93 -1.12 0.00	49.18 -1.00 0.00	47.73 -0.60 0.00	45.61 -0.48 0.00	47.43 -0.02 0.00	54.75 -0.41 0.00	50.45 -0.88 0.00	49.34 -1.32 -0.35	51.98 -2.85 -0.43	50.09 -2.46 0.00	44.98 -1.91 -0.41	49.48 -3.31 -0.48	52.98 -4.26 -3.11	78.63 -3.97 -30.82	109.26 -3.95 -61.26	119.62 -4.23 -65.00	114.47 -3.88 -63.66	116.28 -3.93 -66.69	111.92 -4.04 -64.92	101.69 -3.56 -60.99	98.09 -2.25 -58.21	102.73 -2.24 -58.41
NEG CENTRAL___SENECA 23627	51.53 -1.25 0.00	50.35 -1.31 0.00	49.85 -1.20 0.00	49.02 -1.17 0.00	47.34 -0.99 0.00	45.17 -0.92 0.00	46.86 -0.60 0.00	53.97 -1.19 0.00	49.83 -1.50 0.00	48.84 -1.53 -0.05	52.43 -2.03 -0.06	50.22 -2.33 0.00	44.99 -1.55 -0.06	50.56 -1.83 -0.07	52.23 -2.36 -0.46	54.22 -2.10 -4.54	58.79 -2.18 -9.02	65.94 -2.48 -9.57	61.86 -2.21 -9.37	61.05 -2.29 -9.82	58.26 -2.34 -9.56	51.11 -2.13 -8.98	48.64 -2.06 -8.57	52.87 -2.29 -8.60
NEG CENTRAL___STATE_STREET 24147	52.00 -0.79 0.00	50.83 -0.82 0.00	50.44 -0.61 0.00	49.57 -0.62 0.00	47.75 -0.59 0.00	45.57 -0.52 0.00	47.10 -0.35 0.00	54.64 -0.52 0.00	50.53 -0.80 0.00	49.53 -0.78 0.00	53.34 -1.05 0.00	51.22 -1.34 0.00	45.61 -0.86 0.00	51.57 -0.74 0.00	53.10 -1.03 0.00	50.96 -0.82 0.00	51.22 -0.73 0.00	58.01 -0.84 0.00	53.89 -0.81 0.00	52.49 -1.04 0.00	50.10 -0.94 0.00	43.40 -0.86 0.00	41.19 -0.94 0.00	45.61 -0.95 0.00
NEG MILLWOOD___DRP 24198	55.77 2.99 0.00	54.51 2.86 0.00	53.84 2.79 0.00	52.83 2.64 0.00	50.86 2.52 0.00	48.57 2.47 0.00	50.07 2.62 0.00	58.17 3.02 0.00	54.09 2.76 0.00	53.02 2.71 0.00	57.56 3.17 0.00	55.58 3.03 0.00	48.98 2.51 0.00	54.83 2.52 0.00	56.91 2.79 0.00	54.76 2.98 0.00	55.25 3.30 0.00	62.75 3.90 0.00	58.32 3.62 0.00	57.24 3.71 0.00	54.73 3.69 0.00	47.51 3.24 0.00	45.22 3.09 0.00	49.78 3.23 0.00
NEG NORTH_FLCN_SEA 23793	53.26 0.48 0.00	52.18 0.52 0.00	51.56 0.51 0.00	50.74 0.56 0.00	48.86 0.53 0.00	46.62 0.52 0.00	48.13 0.68 0.00	56.29 1.13 0.00	52.75 1.42 0.00	52.08 1.77 0.00	56.46 2.07 0.00	54.61 2.06 0.00	48.47 1.99 0.00	54.83 2.52 0.00	56.69 2.57 0.00	53.69 1.90 0.00	53.07 1.12 0.00	60.15 1.29 0.00	55.75 1.06 0.00	54.30 0.77 0.00	51.73 0.69 0.00	44.69 0.43 0.00	42.28 0.15 0.00	46.84 0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	52.63 -0.15 0.00	51.56 -0.10 0.00	50.93 -0.12 0.00	50.14 -0.04 0.00	48.28 -0.05 0.00	46.01 -0.08 0.00	47.50 0.05 0.00	55.56 0.40 0.00	52.19 0.86 0.00	51.58 1.27 0.00	55.84 1.45 0.00	54.04 1.48 0.00	47.94 1.47 0.00	54.22 1.91 0.00	56.02 1.89 0.00	52.98 1.19 0.00	52.43 0.48 0.00	59.49 0.63 0.00	54.99 0.29 0.00	53.54 0.02 0.00	51.03 -0.01 0.00	44.06 -0.20 0.00	41.74 -0.39 0.00	46.25 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	53.45 0.66 0.00	52.36 0.70 0.00	51.73 0.69 0.00	50.91 0.72 0.00	49.04 0.70 0.00	46.78 0.69 0.00	48.30 0.85 0.00	56.50 1.35 0.00	53.00 1.66 0.00	52.25 1.94 0.00	56.54 2.15 0.00	54.72 2.17 0.00	48.58 2.10 0.00	55.05 2.73 0.00	56.91 2.78 0.00	53.91 2.12 0.00	53.33 1.38 0.00	60.51 1.66 0.00	56.08 1.38 0.00	54.60 1.08 0.00	51.99 0.95 0.00	44.90 0.64 0.00	42.46 0.33 0.00	47.02 0.46 0.00
NEG NORTH___LWR_SARANAC 23913	53.45 0.66 0.00	52.36 0.70 0.00	51.73 0.69 0.00	50.91 0.72 0.00	49.04 0.70 0.00	46.78 0.69 0.00	48.30 0.85 0.00	56.50 1.35 0.00	53.00 1.66 0.00	52.25 1.94 0.00	56.54 2.15 0.00	54.72 2.17 0.00	48.58 2.10 0.00	55.05 2.73 0.00	56.91 2.78 0.00	53.91 2.12 0.00	53.33 1.38 0.00	60.51 1.66 0.00	56.08 1.38 0.00	54.60 1.08 0.00	51.99 0.95 0.00	44.90 0.64 0.00	42.46 0.33 0.00	47.02 0.46 0.00
NEG NORTH___PLATTSBURG 23628	53.45 0.67 0.00	52.36 0.70 0.00	51.73 0.69 0.00	50.91 0.72 0.00	49.04 0.70 0.00	46.79 0.69 0.00	48.30 0.85 0.00	56.50 1.35 0.00	53.00 1.66 0.00	52.25 1.94 0.00	56.54 2.15 0.00	54.73 2.17 0.00	48.57 2.10 0.00	55.04 2.73 0.00	56.91 2.78 0.00	53.91 2.12 0.00	53.33 1.38 0.00	60.52 1.66 0.00	56.08 1.38 0.00	54.61 1.08 0.00	51.99 0.95 0.00	44.90 0.64 0.00	42.46 0.33 0.00	47.02 0.46 0.00
NEG WEST_LEA_LOCKPORT 23791	48.93 -3.86 0.00	47.80 -3.86 0.00	47.32 -3.73 0.00	46.53 -3.66 0.00	44.90 -3.44 0.00	42.32 -3.78 0.00	43.50 -3.96 0.00	49.47 -5.69 0.00	45.84 -5.49 0.00	45.12 -5.11 0.08	48.17 -6.12 0.10	47.37 -5.19 0.00	41.88 -4.50 0.09	47.20 -5.01 0.11	48.16 -5.27 0.70	39.90 -4.91 6.98	32.63 -5.44 13.88	37.80 -6.33 14.73	34.58 -5.70 14.42	32.35 -6.07 15.11	30.33 -6.05 14.66	25.36 -5.29 13.61	24.21 -4.86 13.06	28.45 -4.87 13.23
NEG WEST___LANCASTR 23811	51.06 -1.73 0.00	49.87 -1.79 0.00	49.45 -1.59 0.00	48.60 -1.59 0.00	46.95 -1.39 0.00	44.31 -1.79 0.00	45.81 -1.65 0.00	52.16 -3.00 0.00	48.28 -3.06 0.00	47.41 -2.82 0.08	50.79 -3.51 0.10	49.64 -2.91 0.00	43.84 -2.55 0.09	49.42 -2.78 0.11	50.28 -3.15 0.70	41.99 -2.89 6.91	34.91 -3.31 13.73	40.33 -3.95 14.56	36.95 -3.48 14.27	34.79 -3.80 14.94	32.55 -3.97 14.53	27.12 -3.58 13.57	25.93 -3.22 12.98	30.37 -3.09 13.09
NEG_PENN_ALLEGHNY 23528	51.89 -0.90 0.00	50.72 -0.94 0.00	50.23 -0.81 0.00	49.31 -0.87 0.00	47.53 -0.80 0.00	45.29 -0.80 0.00	46.91 -0.54 0.00	54.31 -0.85 0.00	50.41 -0.93 0.00	49.32 -0.99 0.00	53.23 -1.16 0.00	51.43 -1.13 0.00	45.42 -1.05 0.00	51.23 -1.09 0.00	52.81 -1.32 0.00	50.72 -1.07 0.00	50.82 -1.13 0.00	57.52 -1.34 0.00	53.51 -1.19 0.00	52.36 -1.17 0.00	49.86 -1.18 0.00	43.21 -1.05 0.00	41.13 -1.00 0.00	45.43 -1.12 0.00
NEG___GEN_MONROE 24207	50.96 -1.83 0.00	49.76 -1.89 0.00	49.23 -1.81 0.00	48.36 -1.82 0.00	46.65 -1.69 0.00	44.16 -1.94 0.00	45.51 -1.95 0.00	52.31 -2.85 0.00	48.59 -2.74 0.00	47.75 -2.56 0.00	50.98 -3.41 0.00	49.84 -2.72 0.00	44.28 -2.20 0.00	49.81 -2.51 0.00	51.39 -2.74 0.00	49.26 -2.52 0.00	49.27 -2.68 0.00	55.79 -3.06 0.00	51.90 -2.79 0.00	50.43 -3.10 0.00	47.86 -3.19 -0.01	41.44 -2.85 -0.03	39.48 -2.67 -0.02	43.79 -2.76 0.00
NEPA___ENERGY 23901	49.68 -3.11 0.00	48.58 -3.08 0.00	48.45 -2.60 0.00	47.60 -2.59 0.00	45.98 -2.36 0.00	43.45 -2.64 0.00	45.40 -2.06 0.00	51.36 -3.80 0.00	47.09 -4.25 0.00	45.88 -4.35 0.08	49.37 -4.92 0.10	48.11 -4.45 0.00	42.21 -4.17 0.10	47.72 -4.48 0.11	48.37 -5.02 0.73	40.06 -4.47 7.26	32.55 -4.97 14.43	37.71 -5.83 15.31	34.53 -5.17 15.00	32.55 -5.26 15.71	30.47 -5.29 15.28	25.29 -4.66 14.32	24.11 -4.34 13.68	28.31 -4.48 13.76

NEVERSINK___HYD 23608	55.36 2.58 0.00	54.05 2.40 0.00	53.38 2.34 0.00	52.42 2.24 0.00	50.47 2.13 0.00	48.21 2.12 0.00	49.74 2.28 0.00	57.74 2.58 0.00	53.64 2.31 0.00	52.44 2.12 0.00	56.94 2.54 0.00	55.09 2.54 0.00	48.58 2.10 0.00	54.23 1.92 0.00	56.55 2.42 0.00	54.41 2.63 0.00	54.94 2.99 0.00	62.42 3.57 0.00	58.02 3.32 0.00	56.90 3.37 0.00	54.35 3.30 0.00	47.14 2.88 0.00	44.83 2.70 0.00	49.32 2.77 0.00
NEWKRMKL_115KV_TB1 55635	54.43 1.64 0.00	53.34 1.68 0.00	52.72 1.67 0.00	51.84 1.66 0.00	49.93 1.60 0.00	47.58 1.49 0.00	48.63 1.18 0.00	56.52 1.37 0.00	52.58 1.24 0.00	51.35 1.04 0.00	55.74 1.34 0.00	53.71 1.16 0.00	47.45 0.98 0.00	53.14 0.83 0.00	55.10 0.97 0.00	52.87 1.09 0.00	53.26 1.31 0.00	60.38 1.52 0.00	56.09 1.39 0.00	55.06 1.53 0.00	52.62 1.57 0.00	45.74 1.48 0.00	43.80 1.67 0.00	48.65 2.09 0.00
NEWTON___FALLS_HYD 23847	52.79 0.01 0.00	51.51 -0.15 0.00	50.74 -0.31 0.00	49.97 -0.22 0.00	48.03 -0.31 0.00	45.73 -0.36 0.00	47.44 -0.02 0.00	56.05 0.89 0.00	52.36 1.02 0.00	51.21 0.90 0.00	55.28 0.88 0.00	53.66 1.10 0.00	47.20 0.73 0.00	54.01 1.69 0.00	55.45 1.33 0.00	52.24 0.46 0.00	51.91 -0.03 0.00	58.57 -0.28 0.00	54.39 -0.30 0.00	53.13 -0.39 0.00	50.28 -0.76 0.00	43.48 -0.79 0.00	41.32 -0.80 0.00	45.56 -1.00 0.00
NGRID_A1_DSASP 323792	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
NGRID_A2_DSASP 323793	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
NGRID_A4_DSASP 323807	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
NIAGARA_115E_LBMP 323715	48.16 -4.63 0.00	47.03 -4.62 0.00	46.53 -4.52 0.00	45.75 -4.43 0.00	44.15 -4.18 0.00	41.59 -4.50 0.00	42.69 -4.76 0.00	48.46 -6.70 0.00	44.96 -6.37 0.00	44.29 -5.94 0.08	47.34 -6.96 0.10	46.54 -6.01 0.00	41.13 -5.26 0.09	46.41 -5.80 0.11	47.56 -5.86 0.70	39.45 -5.39 6.94	32.18 -5.97 13.79	37.24 -6.98 14.64	34.08 -6.28 14.34	31.92 -6.59 15.02	29.99 -6.52 14.53	25.34 -5.61 13.31	24.15 -5.14 12.83	28.18 -5.22 13.15
NIAGARA_115W_LBMP 323714	48.17 -4.62 0.00	47.04 -4.62 0.00	46.56 -4.49 0.00	45.76 -4.43 0.00	44.10 -4.23 0.00	41.50 -4.59 0.00	42.61 -4.85 0.00	48.22 -6.94 0.00	44.63 -6.71 0.00	43.97 -6.26 0.08	47.09 -7.20 0.10	46.22 -6.33 0.00	40.88 -5.50 0.09	46.20 -6.01 0.11	47.26 -6.16 0.70	39.18 -5.63 6.97	32.00 -6.09 13.86	37.12 -7.02 14.71	33.87 -6.42 14.40	31.70 -6.74 15.09	29.63 -6.72 14.69	24.60 -5.85 13.81	23.59 -5.36 13.18	27.89 -5.45 13.22
NIAGARA_230_LBMP 323716	48.60 -4.18 0.00	47.47 -4.19 0.00	46.98 -4.06 0.00	46.17 -4.01 0.00	44.50 -3.83 0.00	41.90 -4.19 0.00	43.06 -4.40 0.00	48.97 -6.19 0.00	45.38 -5.96 0.00	44.66 -5.57 0.08	47.88 -6.42 0.10	46.94 -5.62 0.00	41.49 -4.90 0.09	46.79 -5.42 0.10	47.71 -5.75 0.67	39.70 -5.41 6.67	32.82 -5.86 13.27	38.00 -6.78 14.08	34.72 -6.19 13.79	32.59 -6.49 14.44	30.49 -6.48 14.08	25.36 -5.62 13.29	24.32 -5.15 12.66	28.66 -5.24 12.65
NIAGARA___115KV_198_GIBSON 55903	48.16 -4.62 0.00	47.04 -4.62 0.00	46.56 -4.49 0.00	45.76 -4.43 0.00	44.11 -4.23 0.00	41.51 -4.59 0.00	42.61 -4.85 0.00	48.22 -6.93 0.00	44.63 -6.71 0.00	44.01 -6.22 0.08	47.11 -7.19 0.10	46.25 -6.30 0.00	40.91 -5.47 0.09	46.20 -6.00 0.11	47.25 -6.17 0.70	39.09 -5.72 6.97	31.90 -6.19 13.86	36.98 -7.16 14.71	33.77 -6.52 14.40	31.54 -6.89 15.09	29.50 -6.85 14.69	24.47 -5.99 13.81	23.42 -5.52 13.18	27.77 -5.56 13.22
NIAGARA____ 23760	48.60 -4.18 0.00	47.47 -4.19 0.00	46.98 -4.06 0.00	46.17 -4.01 0.00	44.50 -3.83 0.00	41.90 -4.19 0.00	43.06 -4.40 0.00	48.97 -6.19 0.00	45.38 -5.96 0.00	44.66 -5.57 0.08	47.88 -6.42 0.10	46.94 -5.62 0.00	41.48 -4.90 0.09	46.79 -5.42 0.10	47.70 -5.75 0.68	39.65 -5.41 6.73	32.70 -5.86 13.39	37.85 -6.78 14.22	34.59 -6.19 13.92	32.46 -6.49 14.57	30.38 -6.48 14.18	25.31 -5.62 13.34	24.25 -5.15 12.73	28.50 -5.24 12.82
NINE_MILE_1 23575	50.48 -2.30 0.00	49.37 -2.28 0.00	48.80 -2.25 0.00	47.97 -2.22 0.00	46.21 -2.13 0.00	44.07 -2.03 0.00	45.40 -2.05 0.00	52.71 -2.45 0.00	49.04 -2.29 0.00	48.05 -2.26 0.00	51.86 -2.53 0.00	50.12 -2.43 0.00	44.37 -2.11 0.00	49.97 -2.35 0.00	51.65 -2.48 0.00	49.45 -2.34 0.00	49.61 -2.34 0.00	56.20 -2.65 0.00	52.24 -2.46 0.00	51.07 -2.45 0.00	48.67 -2.37 0.00	42.19 -2.08 0.00	40.17 -1.96 0.00	44.39 -2.16 0.00
NINE_MILE_2 23744	50.49 -2.29 0.00	49.38 -2.28 0.00	48.80 -2.24 0.00	47.97 -2.22 0.00	46.22 -2.12 0.00	44.07 -2.03 0.00	45.40 -2.05 0.00	52.72 -2.44 0.00	49.04 -2.29 0.00	48.05 -2.26 0.00	51.87 -2.53 0.00	50.12 -2.43 0.00	44.37 -2.11 0.00	49.97 -2.35 0.00	51.65 -2.48 0.00	49.46 -2.33 0.00	49.61 -2.34 0.00	56.20 -2.65 0.00	52.24 -2.46 0.00	51.07 -2.45 0.00	48.67 -2.37 0.00	42.20 -2.07 0.00	40.17 -1.96 0.00	44.39 -2.16 0.00
NM_CAPITAL___DRP 24208	54.33 1.55 0.00	53.27 1.62 0.00	52.66 1.61 0.00	51.80 1.61 0.00	49.87 1.54 0.00	47.56 1.46 0.00	48.64 1.19 0.00	56.52 1.37 0.00	52.56 1.22 0.00	51.34 1.03 0.00	55.73 1.34 0.00	53.69 1.14 0.00	47.46 0.99 0.00	53.17 0.85 0.00	55.15 1.03 0.00	52.95 1.16 0.00	53.33 1.38 0.00	60.45 1.60 0.00	56.17 1.48 0.00	55.13 1.60 0.00	52.69 1.65 0.00	45.80 1.53 0.00	43.78 1.66 0.00	48.57 2.01 0.00
NM_CENTRAL___DRP 24181	51.38 -1.40 0.00	50.24 -1.42 0.00	49.66 -1.38 0.00	48.79 -1.40 0.00	47.02 -1.32 0.00	44.83 -1.27 0.00	46.24 -1.21 0.00	53.68 -1.47 0.00	49.92 -1.42 0.00	48.90 -1.41 0.00	52.77 -1.63 0.00	50.97 -1.58 0.00	45.10 -1.38 0.00	50.83 -1.48 0.00	52.52 -1.61 0.00	50.33 -1.45 0.00	50.52 -1.43 0.00	57.22 -1.63 0.00	53.17 -1.53 0.00	51.98 -1.54 0.00	49.51 -1.53 0.00	42.90 -1.36 0.00	40.83 -1.29 0.00	45.13 -1.42 0.00

NM_FRONTIER___DRP 24179	48.16 -4.62 0.00	47.04 -4.62 0.00	46.56 -4.49 0.00	45.76 -4.43 0.00	44.11 -4.23 0.00	41.51 -4.59 0.00	42.61 -4.85 0.00	48.22 -6.93 0.00	44.63 -6.71 0.00	44.01 -6.22 0.08	47.11 -7.19 0.10	46.25 -6.30 0.00	40.91 -5.47 0.09	46.20 -6.00 0.11	47.25 -6.17 0.70	39.09 -5.72 6.97	31.90 -6.19 13.86	36.98 -7.16 14.71	33.77 -6.52 14.40	31.54 -6.89 15.09	29.50 -6.85 14.69	24.47 -5.99 13.81	23.42 -5.52 13.18	27.77 -5.56 13.22
NM_ST_REGIS___HYD 24053	53.97 1.19 0.00	52.81 1.16 0.00	52.10 1.06 0.00	51.31 1.12 0.00	49.36 1.03 0.00	47.01 0.91 0.00	48.45 1.00 0.00	56.67 1.52 0.00	53.03 1.69 0.00	52.10 1.79 0.00	56.33 1.93 0.00	54.57 2.02 0.00	48.42 1.94 0.00	54.84 2.52 0.00	56.54 2.41 0.00	53.54 1.76 0.00	53.31 1.36 0.00	60.24 1.38 0.00	55.90 1.21 0.00	54.55 1.03 0.00	51.83 0.78 0.00	44.76 0.50 0.00	42.46 0.34 0.00	46.93 0.38 0.00
NORTHPORT___1 23551	56.49 3.71 0.00	55.20 3.55 0.00	54.41 3.36 0.00	53.30 3.11 0.00	51.24 2.91 0.00	49.07 2.97 0.00	50.38 2.92 0.00	58.32 3.17 0.00	54.06 2.73 0.00	53.51 3.20 0.00	57.72 3.32 0.00	55.80 3.25 0.00	49.02 2.55 0.00	54.98 2.66 0.00	57.24 3.11 0.00	79.39 3.53 -24.08	86.84 3.56 -31.34	67.34 3.55 -4.94	104.00 3.72 -45.58	93.73 3.76 -36.44	100.66 4.08 -45.54	70.55 3.63 -22.66	81.72 3.67 -35.93	50.83 3.72 -0.55
NORTHPORT___2 23552	56.49 3.71 0.00	55.20 3.55 0.00	54.41 3.36 0.00	53.30 3.11 0.00	51.24 2.91 0.00	49.07 2.97 0.00	50.38 2.92 0.00	58.32 3.17 0.00	54.06 2.73 0.00	53.51 3.20 0.00	57.72 3.32 0.00	55.80 3.25 0.00	49.02 2.55 0.00	54.98 2.66 0.00	57.24 3.11 0.00	79.39 3.53 -24.08	86.84 3.56 -31.34	67.34 3.55 -4.94	104.00 3.72 -45.58	93.73 3.76 -36.44	100.66 4.08 -45.54	70.55 3.63 -22.66	81.72 3.67 -35.93	50.83 3.72 -0.55
NORTHPORT___3 23553	56.41 3.63 0.00	55.11 3.45 0.00	54.32 3.28 0.00	53.21 3.03 0.00	51.16 2.82 0.00	48.98 2.89 0.00	50.31 2.86 0.00	58.25 3.09 0.00	54.00 2.67 0.00	53.44 3.13 0.00	57.66 3.27 0.00	55.75 3.20 0.00	48.97 2.50 0.00	54.93 2.62 0.00	57.18 3.05 0.00	79.37 3.46 -24.13	86.83 3.48 -31.40	67.29 3.49 -4.95	104.03 3.66 -45.67	93.78 3.74 -36.52	100.69 4.02 -45.63	70.55 3.58 -22.70	81.73 3.60 -36.00	50.77 3.67 -0.55
NORTHPORT___4 23650	56.41 3.63 0.00	55.11 3.45 0.00	54.32 3.28 0.00	53.21 3.03 0.00	51.16 2.82 0.00	48.98 2.89 0.00	50.31 2.86 0.00	58.25 3.09 0.00	54.00 2.67 0.00	53.44 3.13 0.00	57.66 3.27 0.00	55.75 3.20 0.00	48.97 2.50 0.00	54.93 2.62 0.00	57.18 3.05 0.00	79.37 3.46 -24.13	86.83 3.48 -31.40	67.29 3.49 -4.95	104.03 3.66 -45.67	93.78 3.74 -36.52	100.69 4.02 -45.63	70.55 3.58 -22.70	81.73 3.60 -36.00	50.77 3.67 -0.55
NORTHPORT___IC 23718	56.49 3.71 0.00	55.20 3.54 0.00	54.41 3.36 0.00	53.30 3.11 0.00	51.24 2.90 0.00	49.06 2.97 0.00	50.38 2.92 0.00	58.33 3.17 0.00	54.06 2.73 0.00	53.51 3.20 0.00	57.72 3.32 0.00	55.80 3.25 0.00	49.02 2.54 0.00	54.98 2.66 0.00	57.26 3.12 0.00	79.40 3.54 -24.08	86.85 3.56 -31.34	67.35 3.56 -4.94	104.02 3.74 -45.58	93.75 3.78 -36.44	100.67 4.09 -45.54	70.56 3.64 -22.66	81.73 3.68 -35.93	50.83 3.73 -0.55
NORTH___COUNTRY_ESR 323785	52.51 -0.27 0.00	51.44 -0.22 0.00	50.82 -0.22 0.00	50.02 -0.16 0.00	48.15 -0.18 0.00	45.91 -0.18 0.00	47.36 -0.09 0.00	55.40 0.25 0.00	52.03 0.70 0.00	51.48 1.17 0.00	55.77 1.38 0.00	53.98 1.42 0.00	47.84 1.37 0.00	54.05 1.73 0.00	55.84 1.72 0.00	52.81 1.03 0.00	52.26 0.32 0.00	59.31 0.46 0.00	54.81 0.11 0.00	53.37 -0.16 0.00	50.88 -0.16 0.00	43.93 -0.33 0.00	41.62 -0.51 0.00	46.14 -0.42 0.00
NPX_GEN_1385_PROXY 323591	56.98 4.20 0.00	56.05 4.40 0.00	55.31 4.26 0.00	54.21 4.02 0.00	51.86 3.53 0.00	49.84 3.75 0.00	51.06 3.61 0.00	58.72 3.57 0.00	53.93 2.59 0.00	53.99 3.68 0.00	57.64 3.25 0.00	55.76 3.21 0.00	48.99 2.51 0.00	54.97 2.66 0.00	57.96 3.83 0.00	80.07 4.21 -24.08	87.46 4.17 -31.34	67.86 4.07 -4.94	104.82 4.54 -45.58	93.56 3.59 -36.44	101.06 4.47 -45.54	71.14 4.22 -22.66	82.27 4.21 -35.93	51.11 4.00 -0.55
NPX_GEN_CSC 323557	57.40 4.62 0.00	56.03 4.38 0.00	55.23 4.18 0.00	54.07 3.89 0.00	52.01 3.68 0.00	49.83 3.73 0.00	51.29 3.83 0.00	59.45 4.30 0.00	55.10 3.77 0.00	54.31 4.00 0.00	58.53 4.13 0.00	56.56 4.00 0.00	49.64 3.17 0.00	55.71 3.39 0.00	57.74 3.61 0.00	80.32 4.20 -24.34	87.80 4.17 -31.68	67.66 3.82 -4.99	104.69 3.91 -46.08	94.61 4.24 -36.85	101.65 4.57 -46.04	71.22 4.06 -22.91	82.84 4.39 -36.33	51.62 4.51 -0.56
NSINS_S_GLNS_FALLS 23858	55.36 2.58 0.00	54.25 2.59 0.00	53.66 2.61 0.00	52.81 2.63 0.00	50.94 2.61 0.00	48.66 2.56 0.00	50.16 2.70 0.00	58.39 3.24 0.00	53.97 2.64 0.00	52.33 2.02 0.00	56.50 2.11 0.00	54.40 1.84 0.00	48.18 1.71 0.00	54.65 2.34 0.00	57.14 3.01 0.00	54.79 3.00 0.00	55.25 3.30 0.00	62.66 3.80 0.00	58.21 3.51 0.00	56.98 3.45 0.00	54.22 3.18 0.00	47.08 2.81 0.00	44.62 2.49 0.00	49.29 2.74 0.00
NUCOR_STEEL___DRP 24197	51.96 -0.83 0.00	50.79 -0.87 0.00	50.42 -0.63 0.00	49.55 -0.63 0.00	47.71 -0.62 0.00	45.54 -0.56 0.00	47.05 -0.40 0.00	54.61 -0.55 0.00	50.49 -0.85 0.00	49.47 -0.84 0.00	53.34 -1.06 0.00	51.23 -1.32 0.00	45.61 -0.86 0.00	51.59 -0.73 0.00	53.12 -1.01 0.00	51.00 -0.79 0.00	51.26 -0.69 0.00	58.03 -0.82 0.00	53.91 -0.78 0.00	52.51 -1.02 0.00	50.13 -0.91 0.00	43.44 -0.83 0.00	41.20 -0.93 0.00	45.65 -0.90 0.00
NUMBER_THREE_WT_PWR 323818	52.04 -0.75 0.00	50.56 -1.10 0.00	49.70 -1.34 0.00	48.95 -1.24 0.00	47.10 -1.24 0.00	45.01 -1.09 0.00	47.10 -0.36 0.00	56.26 1.10 0.00	52.57 1.24 0.00	51.36 1.05 0.00	55.28 0.89 0.00	53.52 0.97 0.00	46.64 0.16 0.00	53.83 1.52 0.00	55.09 0.96 0.00	51.53 -0.25 0.00	51.31 -0.64 0.00	57.77 -1.09 0.00	53.68 -1.02 0.00	52.46 -1.07 0.00	49.68 -1.37 0.00	43.00 -1.26 0.00	40.88 -1.25 0.00	44.93 -1.62 0.00
NYISO_LBMP_REFERENCE 24008	52.78 0.00 0.00	51.66 0.00 0.00	51.05 0.00 0.00	50.19 0.00 0.00	48.33 0.00 0.00	46.10 0.00 0.00	47.46 0.00 0.00	55.16 0.00 0.00	51.33 0.00 0.00	50.31 0.00 0.00	54.40 0.00 0.00	52.55 0.00 0.00	46.48 0.00 0.00	52.32 0.00 0.00	54.13 0.00 0.00	51.78 0.00 0.00	51.95 0.00 0.00	58.85 0.00 0.00	54.70 0.00 0.00	53.53 0.00 0.00	51.04 0.00 0.00	44.26 0.00 0.00	42.13 0.00 0.00	46.55 0.00 0.00
NYPA_BRENTWD____GT 24164	57.11 4.32 0.00	55.75 4.09 0.00	54.95 3.90 0.00	53.81 3.62 0.00	51.74 3.40 0.00	49.56 3.47 0.00	50.97 3.51 0.00	59.03 3.88 0.00	54.73 3.40 0.00	54.08 3.77 0.00	58.28 3.89 0.00	56.38 3.82 0.00	49.46 2.98 0.00	55.55 3.23 0.00	57.81 3.68 0.00	80.61 4.13 -24.70	88.36 4.27 -32.15	68.19 4.28 -5.06	105.78 4.33 -46.76	95.38 4.47 -37.38	102.55 4.80 -46.71	71.72 4.22 -23.24	83.18 4.20 -36.86	51.42 4.30 -0.57

NYPA_GOWANUS____GT5 24156	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NYPA_GOWANUS____GT6 24157	55.83 3.05 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.03 2.72 0.00	57.41 3.02 0.00	55.50 2.94 0.00	48.90 2.42 0.00	54.70 2.39 0.00	56.68 2.56 0.00	54.55 2.76 0.00	54.96 3.01 0.00	62.34 3.48 0.00	58.12 3.43 0.00	57.09 3.56 0.00	54.66 3.62 0.00	47.48 3.21 0.00	45.20 3.08 0.00	49.71 3.16 0.00
NYPA_HARLEM__RVR__GT1 24160	55.68 2.89 0.00	54.41 2.75 0.00	53.68 2.64 0.00	52.63 2.44 0.00	50.64 2.30 0.00	48.42 2.32 0.00	49.78 2.32 0.00	57.69 2.54 0.00	53.76 2.43 0.00	52.90 2.59 0.00	57.21 2.82 0.00	55.31 2.75 0.00	48.69 2.22 0.00	54.48 2.17 0.00	56.45 2.32 0.00	54.29 2.51 0.00	54.64 2.70 0.00	61.98 3.13 0.00	57.81 3.11 0.00	56.87 3.35 0.00	54.45 3.41 0.00	47.36 3.09 0.00	45.08 2.96 0.00	49.58 3.03 0.00
NYPA_HARLEM__RVR__GT2 24161	55.68 2.89 0.00	54.41 2.75 0.00	53.68 2.64 0.00	52.63 2.44 0.00	50.64 2.30 0.00	48.42 2.32 0.00	49.78 2.32 0.00	57.69 2.54 0.00	53.76 2.43 0.00	52.90 2.59 0.00	57.21 2.82 0.00	55.31 2.75 0.00	48.69 2.22 0.00	54.48 2.17 0.00	56.45 2.32 0.00	54.29 2.51 0.00	54.64 2.70 0.00	61.98 3.13 0.00	57.81 3.11 0.00	56.87 3.35 0.00	54.45 3.41 0.00	47.36 3.09 0.00	45.08 2.96 0.00	49.58 3.03 0.00
NYPA_KENT____GT 24152	55.82 3.04 0.00	54.53 2.87 0.00	53.82 2.78 0.00	52.75 2.57 0.00	50.76 2.42 0.00	48.48 2.38 0.00	49.94 2.48 0.00	57.90 2.74 0.00	53.88 2.55 0.00	53.00 2.69 0.00	57.42 3.03 0.00	55.51 2.96 0.00	48.92 2.45 0.00	54.74 2.42 0.00	56.73 2.60 0.00	54.57 2.79 0.00	54.98 3.03 0.00	62.35 3.49 0.00	58.11 3.41 0.00	57.10 3.57 0.00	54.64 3.60 0.00	47.47 3.21 0.00	45.21 3.08 0.00	49.72 3.17 0.00
NYPA_POUCH1____GT 24155	55.81 3.03 0.00	54.53 2.87 0.00	53.83 2.78 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.50 2.41 0.00	49.96 2.51 0.00	57.95 2.80 0.00	54.09 2.76 0.00	53.15 2.84 0.00	57.40 3.01 0.00	55.44 2.88 0.00	48.85 2.37 0.00	54.62 2.31 0.00	56.65 2.52 0.00	54.51 2.73 0.00	54.98 3.03 0.00	62.35 3.49 0.00	58.27 3.57 0.00	57.23 3.70 0.00	54.62 3.58 0.00	47.44 3.18 0.00	45.16 3.03 0.00	49.72 3.17 0.00
NYPA_VERNON____GT2 24162	55.81 3.03 0.00	54.52 2.87 0.00	53.80 2.75 0.00	52.73 2.55 0.00	50.75 2.41 0.00	48.48 2.38 0.00	49.92 2.46 0.00	57.86 2.71 0.00	53.87 2.53 0.00	52.96 2.65 0.00	57.45 3.06 0.00	55.55 2.99 0.00	48.96 2.49 0.00	54.79 2.48 0.00	56.78 2.65 0.00	54.61 2.82 0.00	55.00 3.06 0.00	62.39 3.53 0.00	58.10 3.40 0.00	57.09 3.56 0.00	54.62 3.58 0.00	47.46 3.20 0.00	45.22 3.09 0.00	49.73 3.18 0.00
NYPA_VERNON____GT3 24163	55.81 3.03 0.00	54.52 2.87 0.00	53.80 2.75 0.00	52.73 2.55 0.00	50.75 2.41 0.00	48.48 2.38 0.00	49.92 2.46 0.00	57.86 2.71 0.00	53.87 2.53 0.00	52.96 2.65 0.00	57.45 3.06 0.00	55.55 2.99 0.00	48.96 2.49 0.00	54.79 2.48 0.00	56.78 2.65 0.00	54.61 2.82 0.00	55.00 3.06 0.00	62.39 3.53 0.00	58.10 3.40 0.00	57.09 3.56 0.00	54.62 3.58 0.00	47.46 3.20 0.00	45.22 3.09 0.00	49.73 3.18 0.00
NYPA__ASTORIA_CC1 323568	55.77 2.99 0.00	54.48 2.82 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.70 2.37 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.54 2.98 0.00	48.95 2.48 0.00	54.77 2.46 0.00	56.76 2.63 0.00	54.59 2.80 0.00	54.98 3.03 0.00	62.34 3.49 0.00	58.08 3.38 0.00	57.07 3.54 0.00	54.61 3.57 0.00	47.45 3.18 0.00	45.20 3.07 0.00	49.71 3.16 0.00
NYPA__ASTORIA_CC2 323569	55.77 2.99 0.00	54.48 2.82 0.00	53.77 2.73 0.00	52.70 2.52 0.00	50.70 2.37 0.00	48.45 2.35 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.81 2.48 0.00	52.94 2.63 0.00	57.43 3.03 0.00	55.54 2.98 0.00	48.95 2.48 0.00	54.77 2.46 0.00	56.76 2.63 0.00	54.59 2.80 0.00	54.98 3.03 0.00	62.34 3.49 0.00	58.08 3.38 0.00	57.07 3.54 0.00	54.61 3.57 0.00	47.45 3.18 0.00	45.20 3.07 0.00	49.71 3.16 0.00
NYPA__HOLTSVILL 23794	56.92 4.14 0.00	55.57 3.91 0.00	54.76 3.72 0.00	53.64 3.45 0.00	51.58 3.25 0.00	49.40 3.30 0.00	50.81 3.36 0.00	58.87 3.72 0.00	54.59 3.26 0.00	53.89 3.59 0.00	58.11 3.71 0.00	56.17 3.61 0.00	49.32 2.85 0.00	55.35 3.03 0.00	57.54 3.41 0.00	80.00 3.90 -24.32	87.60 3.99 -31.65	67.84 4.00 -4.99	104.82 4.09 -46.04	94.56 4.23 -36.81	101.54 4.51 -46.00	71.15 4.00 -22.88	82.47 4.06 -36.29	51.27 4.16 -0.56
NYPA__HELLGATE_GT1 24158	55.68 2.89 0.00	54.41 2.75 0.00	53.68 2.64 0.00	52.63 2.44 0.00	50.64 2.30 0.00	48.42 2.32 0.00	49.78 2.32 0.00	57.69 2.54 0.00	53.76 2.43 0.00	52.90 2.59 0.00	57.21 2.82 0.00	55.31 2.75 0.00	48.69 2.22 0.00	54.48 2.17 0.00	56.45 2.32 0.00	54.30 2.52 0.00	54.68 2.73 0.00	62.04 3.18 0.00	57.85 3.15 0.00	56.91 3.38 0.00	54.45 3.40 0.00	47.34 3.08 0.00	45.08 2.96 0.00	49.58 3.03 0.00
NYPA__HELLGATE_GT2 24159	55.68 2.89 0.00	54.41 2.75 0.00	53.68 2.64 0.00	52.63 2.44 0.00	50.64 2.30 0.00	48.42 2.32 0.00	49.78 2.32 0.00	57.69 2.54 0.00	53.76 2.43 0.00	52.90 2.59 0.00	57.21 2.82 0.00	55.31 2.75 0.00	48.69 2.22 0.00	54.48 2.17 0.00	56.45 2.32 0.00	54.30 2.52 0.00	54.68 2.73 0.00	62.04 3.18 0.00	57.85 3.15 0.00	56.91 3.38 0.00	54.45 3.40 0.00	47.34 3.08 0.00	45.08 2.96 0.00	49.58 3.03 0.00
NYS_BARGE__HYD 23848	48.98 -3.81 0.00	47.83 -3.83 0.00	47.34 -3.71 0.00	46.54 -3.65 0.00	44.93 -3.41 0.00	42.34 -3.76 0.00	43.52 -3.94 0.00	49.47 -5.69 0.00	45.86 -5.48 0.00	45.15 -5.09 0.07	48.18 -6.12 0.09	47.39 -5.17 0.00	41.89 -4.50 0.09	47.25 -4.97 0.10	48.36 -5.11 0.65	40.63 -4.69 6.45	33.92 -5.21 12.83	39.18 -6.05 13.61	35.88 -5.48 13.33	33.78 -5.78 13.97	31.71 -5.79 13.55	26.71 -5.02 12.54	25.50 -4.59 12.04	29.66 -4.65 12.23
OAK ORCHARD__HYD 24046	50.72 -2.07 0.00	49.51 -2.14 0.00	48.96 -2.08 0.00	48.09 -2.09 0.00	46.37 -1.97 0.00	43.93 -2.17 0.00	45.26 -2.19 0.00	52.09 -3.06 0.00	48.38 -2.95 0.00	47.52 -2.79 0.00	50.97 -3.42 0.00	49.68 -2.87 0.00	44.08 -2.39 0.00	49.61 -2.71 0.00	51.20 -2.93 0.00	49.06 -2.72 0.00	49.06 -2.89 0.00	55.58 -3.27 0.00	51.65 -3.04 0.00	50.24 -3.29 0.00	47.69 -3.36 0.00	41.31 -2.97 -0.02	39.38 -2.76 -0.01	43.68 -2.88 0.00

OAKDALE___35_KV_LOAD 356122	51.77 -1.02 0.00	50.61 -1.05 0.00	50.12 -0.93 0.00	49.22 -0.97 0.00	47.44 -0.90 0.00	45.20 -0.90 0.00	46.79 -0.67 0.00	54.16 -0.99 0.00	50.26 -1.08 0.00	49.18 -1.13 0.00	53.11 -1.28 0.00	51.31 -1.25 0.00	45.31 -1.16 0.00	51.09 -1.23 0.00	52.70 -1.43 0.00	50.60 -1.18 0.00	50.68 -1.27 0.00	57.36 -1.49 0.00	53.38 -1.32 0.00	52.23 -1.30 0.00	49.73 -1.32 0.00	43.12 -1.14 0.00	41.05 -1.08 0.00	45.34 -1.21 0.00
OCC_CHEM___DRP 24175	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
OH_GEN_PROXY 24063	48.66 -4.12 0.00	47.53 -4.13 0.00	47.04 -4.01 0.00	46.23 -3.96 0.00	44.56 -3.78 0.00	41.96 -4.13 0.00	43.14 -4.32 0.00	49.11 -6.04 0.00	45.49 -5.84 0.00	44.78 -5.47 0.07	48.03 -6.28 0.08	47.04 -5.51 0.00	41.58 -4.81 0.08	46.90 -5.32 0.09	47.88 -5.64 0.61	40.44 -5.29 6.05	34.17 -5.75 12.03	39.44 -6.65 12.77	36.13 -6.07 12.50	34.06 -6.36 13.10	31.94 -6.34 12.76	26.71 -5.52 12.04	25.58 -5.07 11.48	29.90 -5.18 11.47
OLIN_CORP_DRP 24177	48.25 -4.53 0.00	47.13 -4.52 0.00	46.62 -4.43 0.00	45.84 -4.35 0.00	44.23 -4.10 0.00	41.67 -4.43 0.00	42.77 -4.68 0.00	48.58 -6.57 0.00	45.06 -6.28 0.00	44.40 -5.83 0.08	47.47 -6.82 0.10	46.67 -5.89 0.00	41.27 -5.11 0.09	46.53 -5.68 0.11	47.57 -5.84 0.71	39.28 -5.44 7.06	31.89 -6.02 14.04	36.91 -7.04 14.89	33.77 -6.34 14.59	31.56 -6.68 15.28	29.63 -6.61 14.80	24.90 -5.75 13.62	23.72 -5.29 13.11	27.86 -5.31 13.38
OLIN_CORP_DSASP 323712	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
ONEIDA_HERK_LFGE 323681	53.19 0.41 0.00	51.90 0.24 0.00	51.18 0.14 0.00	50.36 0.17 0.00	48.50 0.16 0.00	46.31 0.21 0.00	48.07 0.62 0.00	56.54 1.39 0.00	52.69 1.36 0.00	51.53 1.22 0.00	55.61 1.22 0.00	53.77 1.21 0.00	47.17 0.69 0.00	53.74 1.43 0.00	55.37 1.25 0.00	52.49 0.71 0.00	52.62 0.67 0.00	59.46 0.61 0.00	55.24 0.54 0.00	53.99 0.46 0.00	51.31 0.27 0.00	44.43 0.17 0.00	42.24 0.11 0.00	46.53 -0.03 0.00
ONEIDA___115KV_TB4 55905	53.60 0.82 0.00	52.37 0.71 0.00	51.81 0.76 0.00	50.97 0.78 0.00	49.13 0.79 0.00	46.88 0.79 0.00	48.53 1.08 0.00	56.62 1.47 0.00	52.72 1.38 0.00	51.55 1.24 0.00	55.67 1.27 0.00	53.74 1.19 0.00	47.15 0.68 0.00	53.49 1.17 0.00	55.38 1.25 0.00	52.82 1.04 0.00	53.15 1.19 0.00	60.11 1.25 0.00	55.81 1.11 0.00	54.43 0.91 0.00	51.80 0.76 0.00	44.88 0.62 0.00	42.64 0.51 0.00	47.03 0.47 0.00
ONONDAGA_REF_OCCRA 23987	51.71 -1.07 0.00	50.59 -1.06 0.00	50.00 -1.05 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.12 -0.98 0.00	46.56 -0.89 0.00	54.05 -1.10 0.00	50.26 -1.07 0.00	49.22 -1.09 0.00	53.12 -1.28 0.00	51.28 -1.27 0.00	45.39 -1.09 0.00	51.19 -1.12 0.00	52.88 -1.25 0.00	50.67 -1.11 0.00	50.86 -1.08 0.00	57.63 -1.22 0.00	53.55 -1.15 0.00	52.36 -1.16 0.00	49.87 -1.17 0.00	43.21 -1.05 0.00	41.13 -0.99 0.00	45.44 -1.12 0.00
ONONDAGA___COGEN 23986	51.68 -1.10 0.00	50.54 -1.12 0.00	49.99 -1.06 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.13 -0.97 0.00	46.58 -0.88 0.00	54.08 -1.08 0.00	50.26 -1.08 0.00	49.22 -1.09 0.00	53.10 -1.30 0.00	51.23 -1.32 0.00	45.40 -1.07 0.00	51.19 -1.12 0.00	52.84 -1.29 0.00	50.67 -1.12 0.00	50.87 -1.08 0.00	57.62 -1.23 0.00	53.55 -1.15 0.00	52.33 -1.19 0.00	49.86 -1.18 0.00	43.21 -1.06 0.00	41.10 -1.03 0.00	45.41 -1.15 0.00
ONTARIO___LFGE 23819	51.54 -1.25 0.00	50.35 -1.31 0.00	49.85 -1.20 0.00	49.02 -1.17 0.00	47.34 -0.99 0.00	45.17 -0.93 0.00	46.86 -0.59 0.00	53.97 -1.19 0.00	49.84 -1.50 0.00	48.85 -1.51 -0.05	52.44 -2.02 -0.06	50.22 -2.33 0.00	44.97 -1.56 -0.06	50.56 -1.83 -0.07	52.23 -2.36 -0.46	54.22 -2.10 -4.54	58.80 -2.17 -9.02	65.95 -2.48 -9.57	61.86 -2.21 -9.37	61.06 -2.29 -9.82	58.26 -2.33 -9.56	51.11 -2.13 -8.98	48.65 -2.05 -8.57	52.88 -2.27 -8.60
ORANGEVILLE_WT_PWR 323706	48.28 -4.51 0.00	47.21 -4.44 0.00	46.97 -4.07 0.00	46.45 -3.74 0.00	45.29 -3.05 0.00	43.20 -2.90 0.00	44.94 -2.52 0.00	51.34 -3.81 0.00	47.01 -4.32 0.00	45.61 -4.37 0.33	48.42 -5.56 0.41	47.68 -4.88 0.00	41.50 -4.59 0.39	46.47 -5.39 0.46	45.13 -6.00 3.00	16.44 -5.60 29.74	-13.14 -5.97 59.13	-10.72 -6.84 62.74	-12.93 -6.18 61.44	-17.12 -6.28 64.37	-17.80 -6.20 62.65	-19.93 -5.38 58.82	-18.85 -4.82 56.16	-15.08 -5.26 56.38
ORANGEVILLE___ESR 323794	48.28 -4.51 0.00	47.21 -4.44 0.00	46.97 -4.07 0.00	46.45 -3.74 0.00	45.29 -3.05 0.00	43.20 -2.90 0.00	44.94 -2.52 0.00	51.34 -3.81 0.00	47.01 -4.32 0.00	45.61 -4.37 0.33	48.42 -5.56 0.41	47.68 -4.88 0.00	41.50 -4.59 0.39	46.47 -5.39 0.46	45.13 -6.00 3.00	16.44 -5.60 29.74	-13.14 -5.97 59.13	-10.72 -6.84 62.74	-12.93 -6.18 61.44	-17.12 -6.28 64.37	-17.80 -6.20 62.65	-19.93 -5.38 58.82	-18.85 -4.82 56.16	-15.08 -5.26 56.38
OSWEGATCHIE___HYD 24044	52.79 0.01 0.00	51.51 -0.15 0.00	50.74 -0.30 0.00	49.97 -0.22 0.00	48.03 -0.31 0.00	45.73 -0.36 0.00	47.44 -0.02 0.00	56.05 0.89 0.00	52.36 1.02 0.00	51.20 0.90 0.00	55.28 0.88 0.00	53.66 1.10 0.00	47.20 0.73 0.00	54.01 1.69 0.00	55.46 1.33 0.00	52.24 0.46 0.00	51.91 -0.03 0.00	58.57 -0.29 0.00	54.40 -0.30 0.00	53.13 -0.40 0.00	50.28 -0.77 0.00	43.48 -0.79 0.00	41.32 -0.81 0.00	45.55 -1.00 0.00
OSWEGO___5 23606	50.86 -1.92 0.00	49.75 -1.91 0.00	49.18 -1.86 0.00	48.34 -1.85 0.00	46.59 -1.75 0.00	44.40 -1.70 0.00	45.77 -1.69 0.00	53.13 -2.02 0.00	49.41 -1.92 0.00	48.40 -1.91 0.00	52.26 -2.14 0.00	50.50 -2.06 0.00	44.69 -1.78 0.00	50.36 -1.96 0.00	52.04 -2.10 0.00	49.83 -1.96 0.00	49.99 -1.96 0.00	56.62 -2.23 0.00	52.63 -2.07 0.00	51.46 -2.07 0.00	49.03 -2.01 0.00	42.50 -1.76 0.00	40.46 -1.67 0.00	44.71 -1.85 0.00
OSWEGO___6 23613	50.86 -1.92 0.00	49.75 -1.91 0.00	49.18 -1.86 0.00	48.34 -1.85 0.00	46.59 -1.75 0.00	44.40 -1.70 0.00	45.77 -1.69 0.00	53.13 -2.02 0.00	49.41 -1.92 0.00	48.40 -1.91 0.00	52.26 -2.14 0.00	50.50 -2.06 0.00	44.69 -1.78 0.00	50.36 -1.96 0.00	52.04 -2.10 0.00	49.83 -1.96 0.00	49.99 -1.96 0.00	56.62 -2.23 0.00	52.63 -2.07 0.00	51.46 -2.07 0.00	49.03 -2.01 0.00	42.50 -1.76 0.00	40.46 -1.67 0.00	44.71 -1.85 0.00

OUTOKUMPU-AB___DRP 24206	49.44 -3.35 0.00	48.25 -3.40 0.00	47.77 -3.27 0.00	46.97 -3.22 0.00	45.33 -3.00 0.00	42.72 -3.38 0.00	43.96 -3.50 0.00	49.93 -5.23 0.00	46.22 -5.11 0.00	45.50 -4.72 0.08	48.65 -5.64 0.10	47.78 -4.77 0.00	42.23 -4.15 0.10	47.62 -4.58 0.11	48.55 -4.83 0.75	39.91 -4.48 7.40	32.27 -4.96 14.71	37.45 -5.79 15.61	34.19 -5.22 15.29	31.92 -5.59 16.02	29.85 -5.62 15.57	24.78 -4.94 14.54	23.68 -4.53 13.91	27.98 -4.55 14.03
OXBOW___BTM 323836	48.95 -3.83 0.00	47.79 -3.87 0.00	47.29 -3.76 0.00	46.48 -3.71 0.00	44.84 -3.50 0.00	42.23 -3.87 0.00	43.40 -4.05 0.00	49.24 -5.92 0.00	45.59 -5.75 0.00	44.87 -5.36 0.08	48.04 -6.25 0.10	47.17 -5.39 0.00	41.69 -4.69 0.09	47.07 -5.14 0.11	48.08 -5.33 0.73	39.72 -4.86 7.21	32.29 -5.33 14.33	37.45 -6.20 15.20	34.19 -5.62 14.89	31.97 -5.95 15.60	29.90 -5.97 15.17	24.85 -5.21 14.21	23.79 -4.76 13.58	28.06 -4.84 13.66
OXBOW___ 24026	48.95 -3.84 0.00	47.79 -3.87 0.00	47.29 -3.75 0.00	46.48 -3.71 0.00	44.84 -3.50 0.00	42.24 -3.85 0.00	43.40 -4.06 0.00	49.23 -5.92 0.00	45.59 -5.75 0.00	44.90 -5.33 0.08	48.05 -6.25 0.10	47.18 -5.37 0.00	41.72 -4.66 0.09	47.08 -5.13 0.11	48.05 -5.35 0.73	39.62 -4.95 7.21	32.19 -5.43 14.33	37.32 -6.33 15.20	34.08 -5.72 14.89	31.82 -6.11 15.60	29.76 -6.11 15.17	24.71 -5.35 14.21	23.62 -4.93 13.58	27.95 -4.94 13.66
OXY_CHEM_DSASP 323612	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
OZONE_PARK_ESR 323760	56.24 3.45 0.00	54.89 3.23 0.00	54.17 3.13 0.00	53.08 2.89 0.00	51.07 2.74 0.00	48.80 2.70 0.00	50.33 2.87 0.00	58.40 3.25 0.00	54.30 2.97 0.00	53.35 3.04 0.00	57.87 3.47 0.00	55.88 3.32 0.00	49.25 2.78 0.00	55.16 2.85 0.00	57.20 3.07 0.00	55.02 3.24 0.00	55.49 3.55 0.00	62.99 4.14 0.00	58.61 3.91 0.00	57.58 4.06 0.00	55.07 4.03 0.00	47.83 3.56 0.00	45.55 3.42 0.00	50.09 3.54 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.26 -4.52 0.00	47.14 -4.52 0.00	46.63 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.59 -4.51 0.00	42.68 -4.78 0.00	48.34 -6.82 0.00	44.73 -6.60 0.00	44.11 -6.12 0.08	47.23 -7.07 0.10	46.36 -6.19 0.00	41.01 -5.37 0.09	46.30 -5.90 0.11	47.33 -6.09 0.71	39.12 -5.65 7.01	31.89 -6.13 13.93	36.98 -7.09 14.78	33.76 -6.46 14.48	31.53 -6.83 15.17	29.48 -6.80 14.76	24.47 -5.93 13.87	23.42 -5.47 13.23	27.76 -5.51 13.28
PACKARD___115KV_DUPONT_184 80571	48.27 -4.52 0.00	47.13 -4.53 0.00	46.62 -4.42 0.00	45.84 -4.35 0.00	44.19 -4.14 0.00	41.58 -4.52 0.00	42.68 -4.77 0.00	48.34 -6.81 0.00	44.73 -6.60 0.00	44.08 -6.15 0.08	47.22 -7.08 0.10	46.33 -6.22 0.00	40.99 -5.40 0.09	46.29 -5.91 0.11	47.33 -6.09 0.71	39.20 -5.57 7.01	31.99 -6.02 13.93	37.12 -6.95 14.79	33.87 -6.35 14.48	31.68 -6.68 15.17	29.62 -6.66 14.76	24.60 -5.79 13.87	23.58 -5.31 13.23	27.87 -5.40 13.28
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	55.78 3.00 0.00	54.51 2.85 0.00	53.79 2.75 0.00	52.73 2.54 0.00	50.74 2.40 0.00	48.48 2.39 0.00	49.87 2.42 0.00	57.80 2.64 0.00	53.82 2.49 0.00	52.95 2.64 0.00	57.31 2.92 0.00	55.39 2.83 0.00	48.78 2.30 0.00	54.59 2.27 0.00	56.58 2.46 0.00	54.45 2.67 0.00	54.82 2.87 0.00	62.23 3.38 0.00	57.98 3.28 0.00	57.03 3.50 0.00	54.57 3.52 0.00	47.41 3.14 0.00	45.13 3.00 0.00	49.63 3.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	56.74 3.95 0.00	55.47 3.82 0.00	54.76 3.72 0.00	53.72 3.53 0.00	51.69 3.36 0.00	49.41 3.31 0.00	50.86 3.40 0.00	58.90 3.74 0.00	54.93 3.60 0.00	54.04 3.73 0.00	58.44 4.04 0.00	56.52 3.96 0.00	49.73 3.26 0.00	55.65 3.34 0.00	57.72 3.59 0.00	55.51 3.73 0.00	55.91 3.97 0.00	63.49 4.63 0.00	59.14 4.44 0.00	58.04 4.52 0.00	55.49 4.45 0.00	48.25 3.99 0.00	45.93 3.80 0.00	50.48 3.92 0.00
PATROON___115KV_TB1 80586	54.54 1.76 0.00	53.46 1.81 0.00	52.83 1.78 0.00	51.97 1.78 0.00	50.03 1.70 0.00	47.69 1.60 0.00	48.76 1.30 0.00	56.68 1.53 0.00	52.71 1.38 0.00	51.49 1.18 0.00	55.89 1.50 0.00	53.85 1.30 0.00	47.59 1.11 0.00	53.31 1.00 0.00	55.27 1.14 0.00	53.05 1.27 0.00	53.44 1.50 0.00	60.59 1.74 0.00	56.28 1.59 0.00	55.24 1.71 0.00	52.78 1.74 0.00	45.88 1.62 0.00	43.92 1.80 0.00	48.76 2.21 0.00
PATTRSNVILLE___SOLAR 323815	54.18 1.40 0.00	53.02 1.36 0.00	52.42 1.37 0.00	51.53 1.34 0.00	49.64 1.31 0.00	47.38 1.28 0.00	48.86 1.40 0.00	56.85 1.70 0.00	52.74 1.41 0.00	51.30 0.98 0.00	55.28 0.89 0.00	53.35 0.80 0.00	47.17 0.70 0.00	53.46 1.14 0.00	55.76 1.64 0.00	53.35 1.57 0.00	53.75 1.80 0.00	60.95 2.10 0.00	56.62 1.92 0.00	55.40 1.87 0.00	52.82 1.78 0.00	45.82 1.55 0.00	43.50 1.37 0.00	48.00 1.44 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.78 -2.00 0.00	49.58 -2.08 0.00	49.15 -1.89 0.00	48.31 -1.88 0.00	46.67 -1.67 0.00	44.04 -2.05 0.00	45.49 -1.97 0.00	51.79 -3.37 0.00	47.93 -3.40 0.00	47.08 -3.15 0.09	50.39 -3.90 0.11	49.35 -3.20 0.00	43.56 -2.81 0.10	49.11 -3.09 0.12	49.90 -3.46 0.77	40.99 -3.19 7.61	33.22 -3.61 15.12	38.53 -4.28 16.04	35.18 -3.80 15.71	32.94 -4.13 16.46	30.76 -4.28 16.00	25.53 -3.81 14.93	24.38 -3.45 14.29	28.77 -3.37 14.42
PAWLING_115_KV_BK3_REV_LBMP_H 345028	55.77 2.99 0.00	54.51 2.86 0.00	53.84 2.79 0.00	52.83 2.64 0.00	50.86 2.52 0.00	48.57 2.47 0.00	50.07 2.62 0.00	58.17 3.02 0.00	54.09 2.76 0.00	53.02 2.71 0.00	57.56 3.17 0.00	55.58 3.03 0.00	48.98 2.51 0.00	54.83 2.52 0.00	56.91 2.79 0.00	54.76 2.98 0.00	55.25 3.30 0.00	62.75 3.90 0.00	58.32 3.62 0.00	57.24 3.71 0.00	54.73 3.69 0.00	47.51 3.24 0.00	45.22 3.09 0.00	49.78 3.23 0.00
PEEKSKILL___ 23653	55.18 2.40 0.00	53.94 2.29 0.00	53.27 2.23 0.00	52.26 2.07 0.00	50.29 1.96 0.00	48.03 1.94 0.00	49.50 2.04 0.00	57.44 2.28 0.00	53.39 2.06 0.00	52.38 2.07 0.00	56.80 2.40 0.00	54.82 2.27 0.00	48.34 1.87 0.00	54.13 1.82 0.00	56.13 2.01 0.00	53.98 2.20 0.00	54.44 2.49 0.00	61.79 2.93 0.00	57.48 2.78 0.00	56.43 2.90 0.00	53.97 2.93 0.00	46.88 2.61 0.00	44.64 2.51 0.00	49.17 2.62 0.00
PGE MADISON___WINDPWR 24146	52.54 -0.25 0.00	51.53 -0.13 0.00	51.07 0.02 0.00	50.21 0.02 0.00	48.61 0.28 0.00	46.90 0.81 0.00	48.78 1.32 0.00	58.28 3.13 0.00	55.01 3.67 0.00	53.80 3.48 -0.02	57.46 3.04 -0.02	54.89 2.34 0.00	48.28 1.78 -0.02	53.88 1.54 -0.02	55.41 1.13 -0.16	54.66 1.33 -1.55	55.80 0.78 -3.08	62.81 0.69 -3.27	58.40 0.51 -3.20	57.35 0.47 -3.35	54.67 0.37 -3.26	47.63 0.31 -3.06	45.15 0.10 -2.92	49.25 -0.24 -2.93

PIERCEFIELD___HYD 23852	54.04 1.25 0.00	52.86 1.20 0.00	52.13 1.09 0.00	51.34 1.15 0.00	49.40 1.07 0.00	47.03 0.93 0.00	48.44 0.99 0.00	56.65 1.50 0.00	52.91 1.58 0.00	51.90 1.59 0.00	56.08 1.68 0.00	54.36 1.80 0.00	48.20 1.73 0.00	54.62 2.31 0.00	56.29 2.16 0.00	53.34 1.56 0.00	53.18 1.24 0.00	60.05 1.20 0.00	55.80 1.10 0.00	54.49 0.96 0.00	51.74 0.70 0.00	44.71 0.45 0.00	42.46 0.33 0.00	46.90 0.35 0.00
PINELAWN_CC_1 323563	56.70 3.92 0.00	55.33 3.67 0.00	54.54 3.49 0.00	53.41 3.22 0.00	51.39 3.05 0.00	49.17 3.07 0.00	50.57 3.12 0.00	58.64 3.49 0.00	54.40 3.06 0.00	53.65 3.34 0.00	57.91 3.52 0.00	56.00 3.45 0.00	49.12 2.65 0.00	55.14 2.83 0.00	57.36 3.23 0.00	81.97 3.69 -26.49	90.31 3.88 -34.48	68.35 4.07 -5.43	108.95 4.10 -50.16	97.83 4.20 -40.10	105.53 4.38 -50.11	73.03 3.84 -24.93	85.50 3.83 -39.54	51.09 3.92 -0.61
PJM_GEN_HTP_PROXY 323702	55.59 2.81 0.00	54.29 2.64 0.00	53.59 2.55 0.00	52.50 2.31 0.00	50.53 2.19 0.00	48.27 2.17 0.00	49.76 2.30 0.00	57.73 2.58 0.00	53.65 2.32 0.00	52.71 2.40 0.00	57.21 2.81 0.00	55.19 2.63 0.00	48.69 2.21 0.00	54.51 2.19 0.00	56.51 2.38 0.00	54.35 2.57 0.00	54.80 2.85 0.00	62.19 3.33 0.00	57.84 3.14 0.00	56.80 3.27 0.00	54.34 3.30 0.00	47.21 2.95 0.00	44.97 2.84 0.00	49.51 2.95 0.00
PJM_GEN_KEystone 24065	52.32 -0.46 0.00	51.11 -0.55 0.00	50.61 -0.44 0.00	49.66 -0.53 0.00	47.84 -0.49 0.00	45.47 -0.63 0.00	47.00 -0.45 0.00	54.12 -1.03 0.00	50.14 -1.19 0.00	49.15 -1.15 0.02	53.11 -1.26 0.02	51.43 -1.12 0.00	45.36 -1.10 0.02	50.97 -1.32 0.02	52.54 -1.43 0.15	49.14 -1.12 1.52	47.79 -1.14 3.02	54.34 -1.31 3.21	50.42 -1.13 3.14	49.14 -1.10 3.29	46.80 -1.04 3.20	40.44 -0.82 3.01	38.54 -0.72 2.87	42.90 -0.78 2.88
PJM_GEN_NEPTUNE_PROXY 323594	55.95 3.16 0.00	54.64 2.98 0.00	53.86 2.81 0.00	52.77 2.58 0.00	50.77 2.44 0.00	48.57 2.47 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.78 2.44 0.00	53.04 2.73 0.00	57.34 2.95 0.00	55.42 2.86 0.00	48.72 2.25 0.00	54.64 2.33 0.00	56.79 2.67 0.00	77.66 3.02 -22.86	84.85 3.15 -29.75	66.89 3.35 -4.69	101.38 3.41 -43.27	91.63 3.51 -34.60	97.94 3.67 -43.23	69.01 3.24 -21.51	79.45 3.22 -34.11	50.35 3.28 -0.52
PJM_GEN_VFT_PROXY 323633	55.35 2.57 0.00	54.05 2.40 0.00	53.35 2.31 0.00	52.28 2.10 0.00	50.32 1.98 0.00	48.07 1.97 0.00	49.56 2.11 0.00	57.51 2.36 0.00	53.46 2.12 0.00	52.49 2.18 0.00	56.93 2.54 0.00	54.93 2.37 0.00	48.46 1.98 0.00	54.24 1.93 0.00	56.24 2.11 0.00	54.08 2.30 0.00	54.55 2.60 0.00	61.91 3.05 0.00	57.59 2.90 0.00	56.58 3.05 0.00	54.12 3.08 0.00	47.03 2.77 0.00	44.79 2.67 0.00	49.30 2.75 0.00
PLATSBURG_115KV_PMLD1 355749	53.23 0.45 0.00	52.15 0.49 0.00	51.53 0.49 0.00	50.71 0.52 0.00	48.83 0.50 0.00	46.59 0.49 0.00	48.09 0.64 0.00	56.23 1.08 0.00	52.72 1.39 0.00	52.04 1.73 0.00	56.42 2.02 0.00	54.57 2.02 0.00	48.44 1.97 0.00	54.79 2.48 0.00	56.64 2.51 0.00	53.64 1.86 0.00	53.02 1.07 0.00	60.09 1.24 0.00	55.70 1.01 0.00	54.25 0.72 0.00	51.69 0.64 0.00	44.66 0.40 0.00	42.25 0.12 0.00	46.81 0.25 0.00
PLEASANTVLY___LBMP 24000	54.88 2.10 0.00	53.68 2.02 0.00	53.03 1.98 0.00	52.06 1.87 0.00	50.10 1.77 0.00	47.83 1.74 0.00	49.26 1.81 0.00	57.19 2.04 0.00	53.18 1.85 0.00	52.12 1.81 0.00	56.59 2.19 0.00	54.61 2.06 0.00	48.20 1.72 0.00	53.99 1.68 0.00	56.00 1.87 0.00	53.82 2.03 0.00	54.25 2.30 0.00	61.55 2.70 0.00	57.23 2.53 0.00	56.21 2.68 0.00	53.76 2.72 0.00	46.70 2.44 0.00	44.47 2.35 0.00	49.02 2.47 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	55.35 2.57 0.00	54.10 2.45 0.00	53.43 2.39 0.00	52.40 2.21 0.00	50.44 2.11 0.00	48.17 2.07 0.00	49.63 2.18 0.00	57.61 2.45 0.00	53.55 2.22 0.00	52.54 2.23 0.00	57.02 2.63 0.00	55.03 2.47 0.00	48.54 2.06 0.00	54.34 2.03 0.00	56.37 2.24 0.00	54.20 2.41 0.00	54.65 2.70 0.00	62.02 3.17 0.00	57.68 2.99 0.00	56.65 3.13 0.00	54.19 3.15 0.00	47.09 2.83 0.00	44.85 2.73 0.00	49.39 2.84 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	55.35 2.57 0.00	54.10 2.45 0.00	53.43 2.39 0.00	52.40 2.21 0.00	50.44 2.11 0.00	48.17 2.07 0.00	49.63 2.18 0.00	57.61 2.45 0.00	53.55 2.22 0.00	52.54 2.23 0.00	57.02 2.63 0.00	55.03 2.47 0.00	48.54 2.06 0.00	54.34 2.03 0.00	56.37 2.24 0.00	54.20 2.41 0.00	54.65 2.70 0.00	62.02 3.17 0.00	57.68 2.99 0.00	56.65 3.13 0.00	54.19 3.15 0.00	47.09 2.83 0.00	44.85 2.73 0.00	49.39 2.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	55.35 2.56 0.00	54.13 2.47 0.00	53.47 2.42 0.00	52.49 2.30 0.00	50.52 2.18 0.00	48.24 2.14 0.00	49.72 2.26 0.00	57.76 2.60 0.00	53.70 2.37 0.00	52.58 2.27 0.00	57.11 2.71 0.00	55.18 2.62 0.00	48.61 2.13 0.00	54.45 2.13 0.00	56.58 2.46 0.00	54.41 2.62 0.00	54.85 2.90 0.00	62.29 3.44 0.00	57.91 3.21 0.00	56.83 3.30 0.00	54.33 3.29 0.00	47.16 2.90 0.00	44.89 2.77 0.00	49.47 2.92 0.00
POLETTI_____ 23519	45.61 2.71 9.87	45.62 2.52 8.56	45.61 2.43 7.87	45.61 2.21 6.78	45.62 2.11 4.82	45.54 2.09 2.64	45.62 2.22 4.06	45.61 2.48 12.02	45.61 2.26 7.98	46.21 2.34 6.45	57.13 2.73 0.00	55.14 2.58 0.00	48.33 2.15 0.29	42.76 2.12 11.68	42.77 2.32 13.68	42.76 2.50 11.51	42.77 2.79 11.97	42.79 3.25 19.31	42.78 3.08 15.00	42.76 3.26 14.03	42.77 3.29 11.56	42.78 2.93 4.42	42.48 2.84 2.48	42.77 2.91 6.70
POMONA___ESR 323819	55.14 2.35 0.00	53.89 2.24 0.00	53.24 2.19 0.00	52.23 2.05 0.00	50.29 1.95 0.00	48.02 1.92 0.00	49.49 2.03 0.00	57.40 2.25 0.00	53.34 2.00 0.00	52.31 2.00 0.00	56.73 2.34 0.00	54.71 2.16 0.00	48.27 1.79 0.00	54.06 1.75 0.00	56.02 1.89 0.00	53.86 2.08 0.00	54.33 2.38 0.00	61.70 2.85 0.00	57.39 2.69 0.00	56.35 2.83 0.00	53.89 2.85 0.00	46.82 2.56 0.00	44.60 2.48 0.00	49.14 2.59 0.00
PORT_JEFF_3 23555	57.04 4.26 0.00	55.67 4.02 0.00	54.88 3.83 0.00	53.74 3.56 0.00	51.68 3.35 0.00	49.49 3.40 0.00	50.92 3.47 0.00	59.01 3.85 0.00	54.72 3.38 0.00	54.01 3.71 0.00	58.22 3.83 0.00	56.28 3.73 0.00	49.42 2.95 0.00	55.45 3.14 0.00	57.65 3.52 0.00	80.16 4.03 -24.34	87.77 4.13 -31.68	68.02 4.17 -4.99	105.03 4.25 -46.08	94.76 4.39 -36.85	101.74 4.65 -46.04	71.28 4.11 -22.91	82.63 4.18 -36.33	51.38 4.27 -0.56
PORT_JEFF_4 23616	57.04 4.26 0.00	55.67 4.02 0.00	54.88 3.83 0.00	53.74 3.56 0.00	51.68 3.35 0.00	49.49 3.40 0.00	50.92 3.47 0.00	59.01 3.85 0.00	54.72 3.38 0.00	54.01 3.71 0.00	58.22 3.83 0.00	56.28 3.73 0.00	49.42 2.95 0.00	55.45 3.14 0.00	57.65 3.52 0.00	80.16 4.03 -24.34	87.77 4.13 -31.68	68.02 4.17 -4.99	105.03 4.25 -46.08	94.76 4.39 -36.85	101.74 4.65 -46.04	71.28 4.11 -22.91	82.63 4.18 -36.33	51.38 4.27 -0.56

PORT_JEFF_IC 23713	57.13 4.34 0.00	55.75 4.09 0.00	54.94 3.89 0.00	53.80 3.62 0.00	51.74 3.40 0.00	49.55 3.46 0.00	51.00 3.54 0.00	59.08 3.92 0.00	54.78 3.45 0.00	54.08 3.77 0.00	58.29 3.89 0.00	56.36 3.81 0.00	49.50 3.02 0.00	55.53 3.21 0.00	57.75 3.62 0.00	80.34 4.14 -24.42	87.94 4.21 -31.78	68.14 4.28 -5.00	105.25 4.33 -46.22	94.98 4.50 -36.95	101.97 4.76 -46.17	71.43 4.20 -22.97	82.80 4.24 -36.43	51.45 4.34 -0.56
PPL PILGRIM_ST_GT1 24216	57.11 4.32 0.00	55.75 4.09 0.00	54.95 3.90 0.00	53.81 3.62 0.00	51.74 3.40 0.00	49.56 3.47 0.00	50.97 3.51 0.00	59.03 3.88 0.00	54.73 3.40 0.00	54.08 3.77 0.00	58.28 3.89 0.00	56.38 3.82 0.00	49.46 2.98 0.00	55.55 3.23 0.00	57.81 3.68 0.00	80.61 4.13 -24.70	88.36 4.27 -32.15	68.19 4.28 -5.06	105.78 4.33 -46.76	95.38 4.47 -37.38	102.55 4.80 -46.71	71.72 4.22 -23.24	83.18 4.20 -36.86	51.42 4.30 -0.57
PPL PILGRIM_ST_GT2 24217	57.11 4.32 0.00	55.75 4.09 0.00	54.95 3.90 0.00	53.81 3.62 0.00	51.74 3.40 0.00	49.56 3.47 0.00	50.97 3.51 0.00	59.03 3.88 0.00	54.73 3.40 0.00	54.08 3.77 0.00	58.28 3.89 0.00	56.38 3.82 0.00	49.46 2.98 0.00	55.55 3.23 0.00	57.81 3.68 0.00	80.61 4.13 -24.70	88.36 4.27 -32.15	68.19 4.28 -5.06	105.78 4.33 -46.76	95.38 4.47 -37.38	102.55 4.80 -46.71	71.72 4.22 -23.24	83.18 4.20 -36.86	51.42 4.30 -0.57
PPL_SHRM_GT3 24213	57.46 4.67 0.00	56.08 4.42 0.00	55.26 4.22 0.00	54.11 3.93 0.00	52.05 3.72 0.00	49.86 3.76 0.00	51.32 3.87 0.00	59.48 4.33 0.00	55.13 3.80 0.00	54.36 4.05 0.00	58.55 4.16 0.00	56.60 4.04 0.00	49.66 3.18 0.00	55.72 3.40 0.00	57.76 3.63 0.00	80.40 4.24 -24.38	87.90 4.22 -31.73	67.76 3.91 -5.00	104.84 4.00 -46.15	94.72 4.30 -36.89	101.79 4.64 -46.10	71.32 4.12 -22.94	82.93 4.43 -36.38	51.67 4.56 -0.56
PPL_SHRM_GT4 24214	57.46 4.67 0.00	56.08 4.42 0.00	55.26 4.22 0.00	54.11 3.93 0.00	52.05 3.72 0.00	49.86 3.76 0.00	51.32 3.87 0.00	59.48 4.33 0.00	55.13 3.80 0.00	54.36 4.05 0.00	58.55 4.16 0.00	56.60 4.04 0.00	49.66 3.18 0.00	55.72 3.40 0.00	57.76 3.63 0.00	80.40 4.24 -24.38	87.90 4.22 -31.73	67.76 3.91 -5.00	104.84 4.00 -46.15	94.72 4.30 -36.89	101.79 4.64 -46.10	71.32 4.12 -22.94	82.93 4.43 -36.38	51.67 4.56 -0.56
PROJECT___ORANGE 1 24174	51.40 -1.38 0.00	50.26 -1.39 0.00	49.68 -1.36 0.00	48.81 -1.37 0.00	47.02 -1.31 0.00	44.84 -1.25 0.00	46.25 -1.21 0.00	53.68 -1.47 0.00	49.93 -1.41 0.00	48.90 -1.41 0.00	52.78 -1.62 0.00	50.98 -1.58 0.00	45.11 -1.37 0.00	50.85 -1.60 0.00	52.53 -1.60 0.00	50.35 -1.43 0.00	50.53 -1.42 0.00	57.24 -1.61 0.00	53.18 -1.51 0.00	52.00 -1.52 0.00	49.53 -1.52 0.00	42.91 -1.35 0.00	40.86 -1.27 0.00	45.13 -1.42 0.00
PROJECT___ORANGE 2 24166	51.40 -1.38 0.00	50.26 -1.39 0.00	49.68 -1.36 0.00	48.81 -1.37 0.00	47.02 -1.31 0.00	44.84 -1.25 0.00	46.25 -1.21 0.00	53.68 -1.47 0.00	49.93 -1.41 0.00	48.90 -1.41 0.00	52.78 -1.62 0.00	50.98 -1.58 0.00	45.11 -1.37 0.00	50.85 -1.60 0.00	52.53 -1.60 0.00	50.35 -1.43 0.00	50.53 -1.42 0.00	57.24 -1.61 0.00	53.18 -1.51 0.00	52.00 -1.52 0.00	49.53 -1.52 0.00	42.91 -1.35 0.00	40.86 -1.27 0.00	45.13 -1.42 0.00
PUCKETT___SOLAR 323809	52.07 -0.72 0.00	50.97 -0.69 0.00	50.46 -0.58 0.00	49.52 -0.67 0.00	47.81 -0.53 0.00	45.66 -0.44 0.00	47.35 -0.11 0.00	55.17 0.01 0.00	51.48 0.14 0.00	50.32 0.01 0.00	54.05 -0.35 0.00	51.98 -0.58 0.00	46.09 -0.38 0.00	51.95 -0.37 0.00	53.42 -0.71 0.00	51.31 -0.47 0.00	51.33 -0.62 0.00	58.09 -0.77 0.00	53.98 -0.71 0.00	52.81 -0.72 0.00	50.30 -0.74 0.00	43.58 -0.68 0.00	41.48 -0.64 0.00	45.69 -0.86 0.00
PYRITES___HYD 24023	55.12 2.34 0.00	53.90 2.24 0.00	53.15 2.11 0.00	52.39 2.19 0.00	50.40 2.06 0.00	47.98 1.88 0.00	49.39 1.94 0.00	57.67 2.51 0.00	53.77 2.44 0.00	52.46 2.15 0.00	56.63 2.23 0.00	54.75 2.19 0.00	48.92 2.45 0.00	55.47 3.15 0.00	57.20 3.07 0.00	54.13 2.35 0.00	54.35 2.40 0.00	61.44 2.59 0.00	57.03 2.33 0.00	55.68 2.15 0.00	52.86 1.82 0.00	45.64 1.38 0.00	43.32 1.19 0.00	47.82 1.26 0.00
QUAKERRD_115KV_BK1 80622	49.75 -3.03 0.00	48.60 -3.06 0.00	48.06 -2.99 0.00	47.21 -2.98 0.00	45.50 -2.84 0.00	43.18 -2.91 0.00	44.48 -2.97 0.00	51.30 -3.86 0.00	47.64 -3.69 0.00	46.82 -3.50 0.00	50.30 -4.09 0.00	48.89 -3.66 0.00	43.39 -3.08 0.00	48.85 -3.47 0.00	50.39 -3.74 0.00	48.27 -3.51 0.00	48.31 -3.65 0.00	54.69 -4.17 0.00	50.84 -3.85 0.00	49.48 -4.05 0.00	47.01 -4.03 0.00	40.71 -3.56 0.00	38.76 -3.36 0.00	42.98 -3.57 0.00
QUENSBRY_115KV_TB8 356137	55.66 2.88 0.00	54.54 2.88 0.00	53.95 2.91 0.00	53.13 2.94 0.00	51.25 2.91 0.00	48.94 2.84 0.00	50.51 3.06 0.00	58.82 3.67 0.00	54.30 2.96 0.00	52.56 2.25 0.00	56.71 2.32 0.00	54.57 2.02 0.00	48.41 1.94 0.00	54.99 2.67 0.00	57.63 3.50 0.00	55.25 3.47 0.00	55.75 3.80 0.00	63.20 4.35 0.00	58.74 4.04 0.00	57.50 3.97 0.00	54.63 3.59 0.00	47.40 3.13 0.00	44.88 2.75 0.00	49.55 2.99 0.00
RAMAPO___LBMP 323565	54.93 2.15 0.00	53.69 2.04 0.00	53.05 2.00 0.00	52.05 1.86 0.00	50.10 1.77 0.00	47.85 1.75 0.00	49.31 1.85 0.00	57.21 2.05 0.00	53.17 1.83 0.00	52.12 1.81 0.00	56.48 2.08 0.00	54.49 1.94 0.00	48.06 1.59 0.00	53.82 1.50 0.00	55.80 1.68 0.00	53.64 1.86 0.00	54.12 2.17 0.00	61.45 2.60 0.00	57.16 2.46 0.00	56.12 2.59 0.00	53.68 2.63 0.00	46.64 2.37 0.00	44.43 2.30 0.00	48.94 2.39 0.00
RANKINE____ 23646	49.88 -2.90 0.00	48.74 -2.92 0.00	48.32 -2.73 0.00	47.56 -2.63 0.00	45.98 -2.36 0.00	43.41 -2.69 0.00	44.79 -2.67 0.00	50.96 -4.20 0.00	47.11 -4.23 0.00	46.25 -3.96 0.10	49.47 -4.81 0.12	48.51 -4.05 0.00	42.75 -3.61 0.12	48.18 -3.99 0.14	48.80 -4.43 0.89	38.81 -4.15 8.82	29.81 -4.60 17.54	34.90 -5.35 18.61	31.65 -4.82 18.22	29.28 -5.16 19.09	27.26 -5.22 18.56	22.30 -4.60 17.36	21.31 -4.21 16.60	25.61 -4.22 16.72
RAVENSWOOD_GT2_1 24244	55.66 2.88 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.60 2.41 0.00	50.63 2.29 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.82 2.67 0.00	53.76 2.42 0.00	52.82 2.51 0.00	57.31 2.91 0.00	55.31 2.75 0.00	48.77 2.30 0.00	54.62 2.31 0.00	56.63 2.51 0.00	54.47 2.68 0.00	54.91 2.96 0.00	62.31 3.45 0.00	57.97 3.27 0.00	56.95 3.43 0.00	54.48 3.43 0.00	47.33 3.06 0.00	45.08 2.96 0.00	49.61 3.06 0.00
RAVENSWOOD_GT2_2 24245	55.66 2.88 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.60 2.41 0.00	50.63 2.29 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.82 2.67 0.00	53.76 2.42 0.00	52.82 2.51 0.00	57.31 2.91 0.00	55.31 2.75 0.00	48.77 2.30 0.00	54.62 2.31 0.00	56.63 2.51 0.00	54.47 2.68 0.00	54.91 2.96 0.00	62.31 3.45 0.00	57.97 3.27 0.00	56.95 3.43 0.00	54.48 3.43 0.00	47.33 3.06 0.00	45.08 2.96 0.00	49.61 3.06 0.00

RAVENSWOOD_GT2_3 24246	55.69 2.90 0.00	54.39 2.73 0.00	53.69 2.64 0.00	52.63 2.44 0.00	50.64 2.31 0.00	48.38 2.28 0.00	49.86 2.41 0.00	57.85 2.70 0.00	53.79 2.46 0.00	52.85 2.54 0.00	57.33 2.94 0.00	55.34 2.79 0.00	48.80 2.32 0.00	54.64 2.32 0.00	56.66 2.53 0.00	54.48 2.70 0.00	54.94 2.99 0.00	62.32 3.47 0.00	57.99 3.30 0.00	56.97 3.45 0.00	54.50 3.45 0.00	47.35 3.08 0.00	45.10 2.97 0.00	49.63 3.08 0.00
RAVENSWOOD_GT2_4 24247	55.69 2.90 0.00	54.39 2.73 0.00	53.69 2.64 0.00	52.63 2.44 0.00	50.64 2.31 0.00	48.38 2.28 0.00	49.86 2.41 0.00	57.85 2.70 0.00	53.79 2.46 0.00	52.85 2.54 0.00	57.33 2.94 0.00	55.34 2.79 0.00	48.80 2.32 0.00	54.64 2.32 0.00	56.66 2.53 0.00	54.48 2.70 0.00	54.94 2.99 0.00	62.32 3.47 0.00	57.99 3.30 0.00	56.97 3.45 0.00	54.50 3.45 0.00	47.35 3.08 0.00	45.10 2.97 0.00	49.63 3.08 0.00
RAVENSWOOD_GT3_1 24248	55.66 2.87 0.00	54.36 2.70 0.00	53.65 2.60 0.00	52.58 2.39 0.00	50.61 2.27 0.00	48.34 2.25 0.00	49.84 2.39 0.00	57.81 2.66 0.00	53.76 2.42 0.00	52.80 2.49 0.00	57.29 2.89 0.00	55.29 2.74 0.00	48.76 2.28 0.00	54.59 2.28 0.00	56.62 2.49 0.00	54.45 2.67 0.00	54.90 2.96 0.00	62.30 3.44 0.00	57.96 3.26 0.00	56.95 3.42 0.00	54.47 3.42 0.00	47.32 3.05 0.00	45.07 2.94 0.00	49.61 3.05 0.00
RAVENSWOOD_GT3_2 24249	55.66 2.87 0.00	54.36 2.70 0.00	53.65 2.60 0.00	52.58 2.39 0.00	50.61 2.27 0.00	48.34 2.25 0.00	49.84 2.39 0.00	57.81 2.66 0.00	53.76 2.42 0.00	52.80 2.49 0.00	57.29 2.89 0.00	55.29 2.74 0.00	48.76 2.28 0.00	54.59 2.28 0.00	56.62 2.49 0.00	54.45 2.67 0.00	54.90 2.96 0.00	62.30 3.44 0.00	57.96 3.26 0.00	56.95 3.42 0.00	54.47 3.42 0.00	47.32 3.05 0.00	45.07 2.94 0.00	49.61 3.05 0.00
RAVENSWOOD_GT3_3 24250	55.74 2.95 0.00	54.43 2.77 0.00	53.73 2.69 0.00	52.65 2.46 0.00	50.68 2.34 0.00	48.41 2.31 0.00	49.90 2.45 0.00	57.90 2.75 0.00	53.84 2.51 0.00	52.88 2.57 0.00	57.38 2.98 0.00	55.37 2.82 0.00	48.83 2.36 0.00	54.69 2.37 0.00	56.71 2.58 0.00	54.53 2.75 0.00	54.98 3.03 0.00	62.38 3.53 0.00	58.04 3.35 0.00	57.02 3.50 0.00	54.54 3.50 0.00	47.38 3.11 0.00	45.14 3.01 0.00	49.67 3.11 0.00
RAVENSWOOD_GT3_4 24251	55.74 2.95 0.00	54.43 2.77 0.00	53.73 2.69 0.00	52.65 2.46 0.00	50.68 2.34 0.00	48.41 2.31 0.00	49.90 2.45 0.00	57.90 2.75 0.00	53.84 2.51 0.00	52.88 2.57 0.00	57.38 2.98 0.00	55.37 2.82 0.00	48.83 2.36 0.00	54.69 2.37 0.00	56.71 2.58 0.00	54.53 2.75 0.00	54.98 3.03 0.00	62.38 3.53 0.00	58.04 3.35 0.00	57.02 3.50 0.00	54.54 3.50 0.00	47.38 3.11 0.00	45.14 3.01 0.00	49.67 3.11 0.00
RAVENSWOOD_GT_1 23729	55.81 3.03 0.00	54.52 2.87 0.00	53.80 2.76 0.00	52.73 2.55 0.00	50.75 2.42 0.00	48.47 2.38 0.00	49.92 2.47 0.00	57.86 2.71 0.00	53.86 2.53 0.00	52.96 2.65 0.00	57.46 3.07 0.00	55.54 2.99 0.00	48.96 2.48 0.00	54.79 2.48 0.00	56.80 2.67 0.00	54.62 2.83 0.00	55.03 3.08 0.00	62.41 3.55 0.00	58.11 3.42 0.00	57.11 3.58 0.00	54.63 3.59 0.00	47.47 3.20 0.00	45.22 3.10 0.00	49.75 3.19 0.00
RAVENSWOOD_GT_10 24258	55.66 2.87 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.59 2.40 0.00	50.63 2.29 0.00	48.36 2.26 0.00	49.85 2.40 0.00	57.82 2.67 0.00	53.76 2.42 0.00	52.82 2.51 0.00	57.30 2.91 0.00	55.31 2.75 0.00	48.77 2.30 0.00	54.62 2.30 0.00	56.63 2.51 0.00	54.46 2.68 0.00	54.91 2.96 0.00	62.31 3.45 0.00	57.96 3.27 0.00	56.95 3.43 0.00	54.47 3.43 0.00	47.33 3.06 0.00	45.08 2.96 0.00	49.61 3.05 0.00
RAVENSWOOD_GT_11 24259	55.66 2.87 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.59 2.40 0.00	50.63 2.29 0.00	48.36 2.26 0.00	49.85 2.40 0.00	57.82 2.67 0.00	53.76 2.42 0.00	52.82 2.51 0.00	57.30 2.91 0.00	55.31 2.75 0.00	48.77 2.30 0.00	54.62 2.30 0.00	56.63 2.51 0.00	54.46 2.68 0.00	54.91 2.96 0.00	62.31 3.45 0.00	57.96 3.27 0.00	56.95 3.43 0.00	54.47 3.43 0.00	47.33 3.06 0.00	45.08 2.96 0.00	49.61 3.05 0.00
RAVENSWOOD_GT_4 24252	55.66 2.88 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.60 2.41 0.00	50.63 2.29 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.83 2.67 0.00	53.76 2.43 0.00	52.82 2.51 0.00	57.31 2.91 0.00	55.31 2.76 0.00	48.78 2.30 0.00	54.62 2.31 0.00	56.63 2.51 0.00	54.47 2.68 0.00	54.91 2.96 0.00	62.31 3.46 0.00	57.98 3.28 0.00	56.95 3.43 0.00	54.48 3.44 0.00	47.33 3.06 0.00	45.09 2.97 0.00	49.62 3.06 0.00
RAVENSWOOD_GT_5 24254	55.66 2.88 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.60 2.41 0.00	50.63 2.29 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.83 2.67 0.00	53.76 2.43 0.00	52.82 2.51 0.00	57.31 2.91 0.00	55.31 2.76 0.00	48.78 2.30 0.00	54.62 2.31 0.00	56.63 2.51 0.00	54.47 2.68 0.00	54.91 2.96 0.00	62.31 3.46 0.00	57.98 3.28 0.00	56.95 3.43 0.00	54.48 3.44 0.00	47.33 3.06 0.00	45.09 2.97 0.00	49.62 3.06 0.00
RAVENSWOOD_GT_6 24253	55.66 2.88 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.60 2.41 0.00	50.63 2.29 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.83 2.67 0.00	53.76 2.43 0.00	52.82 2.51 0.00	57.31 2.91 0.00	55.31 2.76 0.00	48.78 2.30 0.00	54.62 2.31 0.00	56.63 2.51 0.00	54.47 2.68 0.00	54.91 2.96 0.00	62.31 3.46 0.00	57.98 3.28 0.00	56.95 3.43 0.00	54.48 3.44 0.00	47.33 3.06 0.00	45.09 2.97 0.00	49.62 3.06 0.00
RAVENSWOOD_GT_7 24255	55.66 2.88 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.60 2.41 0.00	50.63 2.29 0.00	48.37 2.27 0.00	49.85 2.40 0.00	57.83 2.67 0.00	53.76 2.43 0.00	52.82 2.51 0.00	57.31 2.91 0.00	55.31 2.76 0.00	48.78 2.30 0.00	54.62 2.31 0.00	56.63 2.51 0.00	54.47 2.68 0.00	54.91 2.96 0.00	62.31 3.46 0.00	57.98 3.28 0.00	56.95 3.43 0.00	54.48 3.44 0.00	47.33 3.06 0.00	45.09 2.97 0.00	49.62 3.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	55.66 2.87 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.59 2.40 0.00	50.63 2.29 0.00	48.36 2.26 0.00	49.85 2.40 0.00	57.82 2.67 0.00	53.76 2.42 0.00	52.82 2.51 0.00	57.30 2.91 0.00	55.31 2.75 0.00	48.77 2.30 0.00	54.62 2.30 0.00	56.63 2.51 0.00	54.46 2.68 0.00	54.91 2.96 0.00	62.31 3.45 0.00	57.96 3.27 0.00	56.95 3.43 0.00	54.47 3.43 0.00	47.33 3.06 0.00	45.08 2.96 0.00	49.61 3.05 0.00
RAVENSWOOD_GT_9 24257	55.66 2.87 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.59 2.40 0.00	50.63 2.29 0.00	48.36 2.26 0.00	49.85 2.40 0.00	57.82 2.67 0.00	53.76 2.42 0.00	52.82 2.51 0.00	57.30 2.91 0.00	55.31 2.75 0.00	48.77 2.30 0.00	54.62 2.30 0.00	56.63 2.51 0.00	54.46 2.68 0.00	54.91 2.96 0.00	62.31 3.45 0.00	57.96 3.27 0.00	56.95 3.43 0.00	54.47 3.43 0.00	47.33 3.06 0.00	45.08 2.96 0.00	49.61 3.05 0.00

RAVENSWOOD___1 23533	55.81 3.03 0.00	54.53 2.87 0.00	53.81 2.77 0.00	52.74 2.55 0.00	50.75 2.41 0.00	48.47 2.37 0.00	49.90 2.44 0.00	57.82 2.67 0.00	53.82 2.49 0.00	52.95 2.64 0.00	57.43 3.04 0.00	55.55 3.00 0.00	48.96 2.48 0.00	54.79 2.47 0.00	56.79 2.66 0.00	54.61 2.83 0.00	54.99 3.04 0.00	62.34 3.49 0.00	58.07 3.37 0.00	57.06 3.53 0.00	54.60 3.56 0.00	47.44 3.18 0.00	45.19 3.06 0.00	49.71 3.16 0.00
RAVENSWOOD___2 23534	55.70 2.92 0.00	54.43 2.77 0.00	53.72 2.68 0.00	52.65 2.46 0.00	50.66 2.32 0.00	48.34 2.25 0.00	49.71 2.25 0.00	57.52 2.36 0.00	53.51 2.18 0.00	52.64 2.33 0.00	57.21 2.82 0.00	55.43 2.87 0.00	48.88 2.41 0.00	54.70 2.38 0.00	56.69 2.56 0.00	54.51 2.73 0.00	54.83 2.88 0.00	62.04 3.19 0.00	57.74 3.04 0.00	56.74 3.21 0.00	54.29 3.25 0.00	47.18 2.92 0.00	45.00 2.87 0.00	49.50 2.95 0.00
RAVENSWOOD___3 23535	55.66 2.87 0.00	54.37 2.71 0.00	53.67 2.62 0.00	52.59 2.40 0.00	50.62 2.28 0.00	48.35 2.26 0.00	49.85 2.39 0.00	57.82 2.66 0.00	53.76 2.42 0.00	52.81 2.50 0.00	57.30 2.90 0.00	55.30 2.75 0.00	48.78 2.31 0.00	54.61 2.30 0.00	56.62 2.49 0.00	54.45 2.67 0.00	54.90 2.95 0.00	62.28 3.43 0.00	57.96 3.26 0.00	56.95 3.42 0.00	54.47 3.42 0.00	47.31 3.04 0.00	45.06 2.94 0.00	49.60 3.05 0.00
RAVENSWOOD___4 23820	55.81 3.03 0.00	54.53 2.87 0.00	53.81 2.77 0.00	52.74 2.55 0.00	50.75 2.41 0.00	48.47 2.37 0.00	49.90 2.44 0.00	57.82 2.67 0.00	53.82 2.49 0.00	52.95 2.64 0.00	57.43 3.04 0.00	55.55 3.00 0.00	48.96 2.48 0.00	54.79 2.47 0.00	56.79 2.66 0.00	54.61 2.83 0.00	54.99 3.04 0.00	62.34 3.49 0.00	58.07 3.37 0.00	57.06 3.53 0.00	54.60 3.56 0.00	47.44 3.18 0.00	45.19 3.06 0.00	49.71 3.16 0.00
RCPL_TRUST___DRP 24196	55.65 2.86 0.00	54.36 2.70 0.00	53.65 2.60 0.00	52.55 2.36 0.00	50.59 2.25 0.00	48.31 2.22 0.00	49.81 2.35 0.00	57.79 2.64 0.00	53.71 2.37 0.00	52.77 2.46 0.00	57.28 2.88 0.00	55.26 2.70 0.00	48.74 2.26 0.00	54.58 2.27 0.00	56.60 2.47 0.00	54.43 2.65 0.00	54.89 2.94 0.00	62.27 3.42 0.00	57.91 3.21 0.00	56.90 3.37 0.00	54.42 3.38 0.00	47.28 3.02 0.00	45.04 2.91 0.00	49.56 3.01 0.00
RED___ROCHESTER 323720	51.10 -1.69 0.00	49.87 -1.79 0.00	49.30 -1.75 0.00	48.42 -1.77 0.00	46.67 -1.66 0.00	44.22 -1.88 0.00	45.59 -1.87 0.00	52.49 -2.66 0.00	48.75 -2.58 0.00	47.90 -2.41 0.00	51.38 -3.01 0.00	50.11 -2.45 0.00	44.46 -2.01 0.00	50.03 -2.29 0.00	51.64 -2.49 0.00	49.49 -2.29 0.00	49.52 -2.42 0.00	56.11 -2.75 0.00	52.14 -2.56 0.00	50.72 -2.81 0.00	48.12 -2.92 0.00	41.67 -2.61 -0.02	39.71 -2.43 -0.01	44.02 -2.54 0.00
REGAN___SOLAR 323812	54.80 2.02 0.00	53.56 1.91 0.00	52.93 1.89 0.00	52.05 1.86 0.00	50.15 1.81 0.00	47.89 1.79 0.00	49.48 2.03 0.00	57.69 2.54 0.00	53.45 2.12 0.00	51.77 1.46 0.00	55.42 1.03 0.00	53.25 0.70 0.00	46.95 0.47 0.00	54.25 1.94 0.00	56.64 2.51 0.00	54.12 2.33 0.00	54.59 2.64 0.00	61.96 3.11 0.00	57.52 2.83 0.00	56.22 2.69 0.00	53.50 2.46 0.00	46.39 2.13 0.00	43.92 1.80 0.00	48.35 1.79 0.00
RENSSELAER___COGEN 23796	54.22 1.44 0.00	53.15 1.49 0.00	52.53 1.49 0.00	51.67 1.48 0.00	49.75 1.41 0.00	47.43 1.33 0.00	48.50 1.05 0.00	56.34 1.19 0.00	52.40 1.07 0.00	51.20 0.89 0.00	55.56 1.16 0.00	53.52 0.97 0.00	47.30 0.82 0.00	52.96 0.64 0.00	54.91 0.78 0.00	52.67 0.89 0.00	53.05 1.10 0.00	60.14 1.29 0.00	55.88 1.19 0.00	54.89 1.36 0.00	52.46 1.42 0.00	45.61 1.34 0.00	43.64 1.51 0.00	48.44 1.89 0.00
REPUBLIC_115KV_BARTNBRK 55605	57.77 4.99 0.00	56.56 4.91 0.00	55.93 4.88 0.00	55.26 5.07 0.00	53.38 5.04 0.00	50.99 4.89 0.00	52.84 5.39 0.00	61.69 6.53 0.00	56.43 5.09 0.00	54.01 3.70 0.00	58.05 3.66 0.00	55.73 3.17 0.00	49.97 3.50 0.00	57.15 4.84 0.00	60.62 6.49 0.00	58.19 6.41 0.00	58.84 6.89 0.00	66.60 7.75 0.00	62.01 7.31 0.00	60.72 7.20 0.00	57.29 6.24 0.00	49.55 5.29 0.00	46.69 4.56 0.00	51.39 4.83 0.00
REVERE_CPPR_DRP 24186	54.04 1.26 0.00	52.76 1.10 0.00	52.13 1.09 0.00	51.28 1.09 0.00	49.41 1.08 0.00	47.15 1.05 0.00	48.89 1.43 0.00	57.20 2.05 0.00	53.27 1.94 0.00	52.10 1.79 0.00	56.26 1.87 0.00	54.35 1.79 0.00	47.67 1.19 0.00	54.16 1.85 0.00	55.99 1.86 0.00	53.24 1.46 0.00	53.63 1.68 0.00	60.65 1.80 0.00	56.31 1.61 0.00	54.95 1.43 0.00	52.25 1.21 0.00	45.24 0.98 0.00	42.97 0.84 0.00	47.33 0.78 0.00
REYNLDPA_13_KV_LD 356490	53.88 1.10 0.00	52.73 1.08 0.00	52.08 1.03 0.00	51.26 1.08 0.00	49.35 1.01 0.00	46.99 0.90 0.00	48.27 0.82 0.00	56.17 1.01 0.00	52.38 1.04 0.00	51.50 1.19 0.00	55.67 1.28 0.00	53.84 1.29 0.00	47.80 1.32 0.00	53.88 1.56 0.00	55.63 1.50 0.00	52.95 1.17 0.00	52.84 0.90 0.00	59.81 0.96 0.00	55.62 0.93 0.00	54.34 0.82 0.00	51.72 0.68 0.00	44.76 0.49 0.00	42.53 0.41 0.00	47.06 0.51 0.00
REYNOLDS_115KV_TB3 80639	54.32 1.53 0.00	53.27 1.61 0.00	52.67 1.62 0.00	51.80 1.61 0.00	49.88 1.55 0.00	47.58 1.48 0.00	48.72 1.26 0.00	56.59 1.44 0.00	52.62 1.29 0.00	51.39 1.08 0.00	55.80 1.40 0.00	53.75 1.19 0.00	47.55 1.08 0.00	53.28 0.96 0.00	55.28 1.15 0.00	53.08 1.29 0.00	53.46 1.51 0.00	60.59 1.73 0.00	56.32 1.62 0.00	55.26 1.74 0.00	52.83 1.79 0.00	45.92 1.66 0.00	43.84 1.71 0.00	48.59 2.04 0.00
RIVERBAY____ 323610	56.74 3.95 0.00	55.47 3.82 0.00	54.76 3.72 0.00	53.72 3.53 0.00	51.69 3.36 0.00	49.41 3.31 0.00	50.86 3.40 0.00	58.90 3.74 0.00	54.93 3.60 0.00	54.04 3.73 0.00	58.44 4.04 0.00	56.52 3.96 0.00	49.73 3.26 0.00	55.65 3.34 0.00	57.72 3.59 0.00	55.51 3.73 0.00	55.91 3.97 0.00	63.49 4.63 0.00	59.14 4.44 0.00	58.04 4.52 0.00	55.49 4.45 0.00	48.25 3.99 0.00	45.93 3.80 0.00	50.48 3.92 0.00
RIVERSDE_115KV_TB3 55908	54.33 1.55 0.00	53.27 1.62 0.00	52.66 1.61 0.00	51.80 1.61 0.00	49.87 1.54 0.00	47.56 1.46 0.00	48.64 1.19 0.00	56.52 1.37 0.00	52.56 1.22 0.00	51.34 1.03 0.00	55.73 1.34 0.00	53.69 1.14 0.00	47.46 0.99 0.00	53.17 0.85 0.00	55.15 1.03 0.00	52.95 1.16 0.00	53.33 1.38 0.00	60.45 1.60 0.00	56.17 1.48 0.00	55.13 1.60 0.00	52.69 1.65 0.00	45.80 1.53 0.00	43.78 1.66 0.00	48.57 2.01 0.00
ROARING___BROOK_WT_PWR 323790	51.59 -1.19 0.00	50.45 -1.21 0.00	49.82 -1.23 0.00	49.08 -1.11 0.00	47.30 -1.03 0.00	45.31 -0.78 0.00	46.87 -0.58 0.00	55.16 0.00 0.00	51.50 0.16 0.00	50.52 0.21 0.00	54.28 -0.11 0.00	52.43 -0.13 0.00	46.13 -0.35 0.00	52.17 -0.14 0.00	53.73 -0.40 0.00	50.88 -0.90 0.00	50.67 -1.28 0.00	57.24 -1.61 0.00	53.21 -1.49 0.00	52.06 -1.47 0.00	49.60 -1.44 0.00	42.99 -1.27 0.00	40.91 -1.21 0.00	45.21 -1.35 0.00

ROCHESRG_115KV_T4 355643	50.43 -2.35 0.00	49.25 -2.41 0.00	48.70 -2.35 0.00	47.85 -2.34 0.00	46.13 -2.21 0.00	43.70 -2.40 0.00	45.01 -2.45 0.00	51.78 -3.37 0.00	48.08 -3.26 0.00	47.26 -3.05 0.00	50.72 -3.67 0.00	49.41 -3.14 0.00	43.83 -2.65 0.00	49.33 -2.99 0.00	50.87 -3.26 0.00	48.73 -3.05 0.00	48.71 -3.24 0.00	55.14 -3.72 0.00	51.27 -3.43 0.00	49.87 -3.66 0.00	47.35 -3.70 0.00	41.00 -3.26 0.00	39.08 -3.05 0.00	43.39 -3.16 0.00
ROCHESTER_9_IC 23652	50.84 -1.95 0.00	49.64 -2.02 0.00	49.08 -1.97 0.00	48.21 -1.98 0.00	46.48 -1.86 0.00	44.03 -2.06 0.00	45.36 -2.09 0.00	52.22 -2.93 0.00	48.50 -2.83 0.00	47.67 -2.64 0.00	51.13 -3.27 0.00	49.85 -2.70 0.00	44.22 -2.26 0.00	49.75 -2.56 0.00	51.31 -2.81 0.00	49.15 -2.63 0.00	49.16 -2.79 0.00	55.67 -3.18 0.00	51.75 -2.95 0.00	50.32 -3.21 0.00	47.77 -3.28 0.00	41.37 -2.91 -0.02	39.42 -2.72 -0.01	43.73 -2.82 0.00
ROCKVIEW_13_KV_LD 356306	55.66 2.88 0.00	54.38 2.72 0.00	53.68 2.64 0.00	52.63 2.44 0.00	50.66 2.32 0.00	48.39 2.29 0.00	49.87 2.42 0.00	57.87 2.72 0.00	53.81 2.47 0.00	52.83 2.52 0.00	57.33 2.93 0.00	55.34 2.79 0.00	48.80 2.32 0.00	54.64 2.33 0.00	56.67 2.55 0.00	54.51 2.73 0.00	54.96 3.01 0.00	62.37 3.51 0.00	58.02 3.33 0.00	57.01 3.48 0.00	54.53 3.48 0.00	47.37 3.10 0.00	45.12 2.99 0.00	49.67 3.12 0.00
ROME____115KV_TB2 80656	54.04 1.26 0.00	52.76 1.10 0.00	52.13 1.09 0.00	51.28 1.09 0.00	49.41 1.08 0.00	47.15 1.05 0.00	48.89 1.43 0.00	57.20 2.05 0.00	53.27 1.94 0.00	52.10 1.79 0.00	56.26 1.87 0.00	54.35 1.79 0.00	47.67 1.19 0.00	54.16 1.85 0.00	55.99 1.86 0.00	53.24 1.46 0.00	53.63 1.68 0.00	60.65 1.80 0.00	56.31 1.61 0.00	54.95 1.43 0.00	52.25 1.21 0.00	45.24 0.98 0.00	42.97 0.84 0.00	47.33 0.78 0.00
ROSETON___1 23587	54.81 2.03 0.00	53.60 1.94 0.00	52.95 1.90 0.00	51.98 1.79 0.00	50.04 1.71 0.00	47.78 1.68 0.00	49.21 1.76 0.00	57.13 1.98 0.00	53.12 1.79 0.00	52.06 1.75 0.00	56.49 2.09 0.00	54.52 1.96 0.00	48.11 1.63 0.00	53.90 1.58 0.00	55.90 1.77 0.00	53.72 1.94 0.00	54.15 2.20 0.00	61.45 2.60 0.00	57.13 2.43 0.00	56.09 2.56 0.00	53.62 2.58 0.00	46.59 2.33 0.00	44.37 2.24 0.00	48.91 2.36 0.00
ROSETON___2 23588	54.81 2.03 0.00	53.60 1.94 0.00	52.95 1.90 0.00	51.98 1.79 0.00	50.04 1.71 0.00	47.78 1.68 0.00	49.21 1.76 0.00	57.13 1.98 0.00	53.12 1.79 0.00	52.06 1.75 0.00	56.49 2.09 0.00	54.52 1.96 0.00	48.11 1.63 0.00	53.90 1.58 0.00	55.90 1.77 0.00	53.72 1.94 0.00	54.15 2.20 0.00	61.45 2.60 0.00	57.13 2.43 0.00	56.09 2.56 0.00	53.62 2.58 0.00	46.59 2.33 0.00	44.37 2.24 0.00	48.91 2.36 0.00
ROTTTRDAM_115KV_TB3 80664	54.13 1.35 0.00	53.01 1.35 0.00	52.40 1.35 0.00	51.51 1.33 0.00	49.63 1.30 0.00	47.36 1.26 0.00	48.77 1.32 0.00	56.67 1.52 0.00	52.67 1.33 0.00	51.42 1.12 0.00	55.60 1.21 0.00	53.62 1.06 0.00	47.42 0.94 0.00	53.45 1.13 0.00	55.58 1.45 0.00	53.26 1.48 0.00	53.61 1.67 0.00	60.77 1.92 0.00	56.46 1.76 0.00	55.29 1.77 0.00	52.77 1.73 0.00	45.79 1.53 0.00	43.54 1.41 0.00	48.10 1.55 0.00
RUSSELL___1 23602	51.10 -1.69 0.00	49.87 -1.79 0.00	49.30 -1.75 0.00	48.42 -1.77 0.00	46.67 -1.66 0.00	44.22 -1.87 0.00	45.59 -1.87 0.00	52.49 -2.67 0.00	48.75 -2.58 0.00	47.92 -2.39 0.00	51.39 -3.00 0.00	50.13 -2.43 0.00	44.48 -2.00 0.00	50.04 -2.28 0.00	51.62 -2.51 0.00	49.45 -2.34 0.00	49.46 -2.49 0.00	56.02 -2.83 0.00	52.08 -2.62 0.00	50.63 -2.90 0.00	48.07 -2.98 0.00	41.62 -2.66 -0.02	39.64 -2.50 -0.01	43.95 -2.60 0.00
RUSSELL___2 23532	51.10 -1.69 0.00	49.87 -1.79 0.00	49.30 -1.75 0.00	48.42 -1.77 0.00	46.67 -1.66 0.00	44.22 -1.87 0.00	45.59 -1.87 0.00	52.49 -2.67 0.00	48.75 -2.58 0.00	47.92 -2.39 0.00	51.39 -3.00 0.00	50.13 -2.43 0.00	44.48 -2.00 0.00	50.04 -2.28 0.00	51.62 -2.51 0.00	49.45 -2.34 0.00	49.46 -2.49 0.00	56.02 -2.83 0.00	52.08 -2.62 0.00	50.63 -2.90 0.00	48.07 -2.98 0.00	41.62 -2.66 -0.02	39.64 -2.50 -0.01	43.95 -2.60 0.00
RUSSELL___3 23549	51.10 -1.69 0.00	49.87 -1.79 0.00	49.30 -1.75 0.00	48.42 -1.77 0.00	46.67 -1.66 0.00	44.22 -1.87 0.00	45.59 -1.87 0.00	52.49 -2.67 0.00	48.75 -2.58 0.00	47.92 -2.39 0.00	51.39 -3.00 0.00	50.13 -2.43 0.00	44.48 -2.00 0.00	50.04 -2.28 0.00	51.62 -2.51 0.00	49.45 -2.34 0.00	49.46 -2.49 0.00	56.02 -2.83 0.00	52.08 -2.62 0.00	50.63 -2.90 0.00	48.07 -2.98 0.00	41.62 -2.66 -0.02	39.64 -2.50 -0.01	43.95 -2.60 0.00
RUSSELL___4 23556	51.10 -1.69 0.00	49.87 -1.79 0.00	49.30 -1.75 0.00	48.42 -1.77 0.00	46.67 -1.66 0.00	44.22 -1.87 0.00	45.59 -1.87 0.00	52.49 -2.67 0.00	48.75 -2.58 0.00	47.92 -2.39 0.00	51.39 -3.00 0.00	50.13 -2.43 0.00	44.48 -2.00 0.00	50.04 -2.28 0.00	51.62 -2.51 0.00	49.45 -2.34 0.00	49.46 -2.49 0.00	56.02 -2.83 0.00	52.08 -2.62 0.00	50.63 -2.90 0.00	48.07 -2.98 0.00	41.62 -2.66 -0.02	39.64 -2.50 -0.01	43.95 -2.60 0.00
RUSSELL___STATION 23914	51.10 -1.69 0.00	49.87 -1.79 0.00	49.30 -1.75 0.00	48.42 -1.77 0.00	46.67 -1.66 0.00	44.22 -1.87 0.00	45.59 -1.87 0.00	52.49 -2.67 0.00	48.75 -2.58 0.00	47.92 -2.39 0.00	51.39 -3.00 0.00	50.13 -2.43 0.00	44.48 -2.00 0.00	50.04 -2.28 0.00	51.62 -2.51 0.00	49.45 -2.34 0.00	49.46 -2.49 0.00	56.02 -2.83 0.00	52.08 -2.62 0.00	50.63 -2.90 0.00	48.07 -2.98 0.00	41.62 -2.66 -0.02	39.64 -2.50 -0.01	43.95 -2.60 0.00
S SALMON___HYD 24043	51.16 -1.63 0.00	49.95 -1.71 0.00	49.33 -1.72 0.00	48.51 -1.67 0.00	46.73 -1.60 0.00	44.56 -1.54 0.00	46.13 -1.32 0.00	54.07 -1.09 0.00	50.38 -0.95 0.00	49.23 -1.08 0.00	53.31 -1.09 0.00	51.48 -1.08 0.00	45.27 -1.20 0.00	51.62 -0.70 0.00	53.05 -1.07 0.00	50.45 -1.33 0.00	50.51 -1.44 0.00	57.03 -1.82 0.00	52.93 -1.77 0.00	51.78 -1.75 0.00	49.26 -1.78 0.00	42.62 -1.64 0.00	40.59 -1.54 0.00	44.74 -1.82 0.00
S.PERRY___115KV_TB1 80734	51.61 -1.18 0.00	50.36 -1.30 0.00	49.93 -1.12 0.00	49.18 -1.01 0.00	47.73 -0.60 0.00	45.63 -0.47 0.00	47.43 -0.02 0.00	54.74 -0.41 0.00	50.46 -0.88 0.00	49.30 -1.35 -0.35	51.98 -2.85 -0.43	50.11 -2.44 0.00	44.99 -1.89 -0.41	49.49 -3.31 -0.48	52.98 -4.27 -3.11	78.59 -4.01 -30.82	109.21 -4.00 -61.26	119.56 -4.30 -65.00	114.43 -3.93 -63.66	116.21 -4.00 -66.69	111.87 -4.08 -64.92	101.62 -3.63 -60.99	98.01 -2.33 -58.21	102.67 -2.29 -58.41
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.28 -3.50 0.00	48.14 -3.52 0.00	47.69 -3.35 0.00	46.90 -3.28 0.00	45.27 -3.06 0.00	42.68 -3.41 0.00	43.93 -3.52 0.00	49.97 -5.19 0.00	46.24 -5.09 0.00	45.46 -4.75 0.10	48.67 -5.60 0.12	47.75 -4.80 0.00	42.14 -4.22 0.12	47.50 -4.68 0.14	48.17 -5.06 0.89	38.17 -4.76 8.85	29.13 -5.23 17.59	34.12 -6.07 18.67	30.91 -5.50 18.28	28.54 -5.84 19.15	26.55 -5.85 18.64	21.62 -5.14 17.51	20.69 -4.72 16.71	25.04 -4.74 16.77

SAWYER___23_KV_LOAD 55526	49.28 -3.50 0.00	48.14 -3.52 0.00	47.69 -3.35 0.00	46.90 -3.28 0.00	45.27 -3.06 0.00	42.68 -3.41 0.00	43.93 -3.52 0.00	49.97 -5.19 0.00	46.24 -5.09 0.00	45.46 -4.75 0.10	48.67 -5.60 0.12	47.75 -4.80 0.00	42.14 -4.22 0.12	47.50 -4.68 0.14	48.17 -5.06 0.89	38.17 -4.76 8.85	29.13 -5.23 17.59	34.12 -6.07 18.67	30.91 -5.50 18.28	28.54 -5.84 19.15	26.55 -5.85 18.64	21.62 -5.14 17.51	20.69 -4.72 16.71	25.04 -4.74 16.77
SELKIRK___I 23801	54.28 1.50 0.00	53.19 1.53 0.00	52.57 1.52 0.00	51.71 1.52 0.00	49.79 1.46 0.00	47.48 1.39 0.00	48.69 1.23 0.00	56.56 1.40 0.00	52.57 1.24 0.00	51.33 1.02 0.00	55.52 1.13 0.00	53.53 0.98 0.00	47.33 0.86 0.00	53.28 0.97 0.00	55.24 1.11 0.00	52.99 1.20 0.00	53.36 1.41 0.00	60.47 1.61 0.00	56.15 1.46 0.00	55.09 1.56 0.00	52.61 1.57 0.00	45.71 1.44 0.00	43.63 1.50 0.00	48.35 1.80 0.00
SELKIRK___II 23799	54.11 1.32 0.00	53.02 1.36 0.00	52.40 1.35 0.00	51.52 1.33 0.00	49.61 1.27 0.00	47.32 1.22 0.00	48.50 1.05 0.00	56.34 1.19 0.00	52.42 1.09 0.00	51.24 0.93 0.00	55.56 1.16 0.00	53.54 0.99 0.00	47.33 0.85 0.00	53.08 0.77 0.00	55.03 0.90 0.00	52.81 1.03 0.00	53.17 1.22 0.00	60.26 1.41 0.00	55.98 1.29 0.00	54.93 1.40 0.00	52.48 1.44 0.00	45.60 1.33 0.00	43.54 1.41 0.00	48.25 1.69 0.00
SENECA OSWGO___HYD 24041	50.59 -2.20 0.00	49.47 -2.20 0.00	48.88 -2.16 0.00	48.07 -2.12 0.00	46.31 -2.03 0.00	44.16 -1.94 0.00	45.50 -1.95 0.00	52.88 -2.28 0.00	49.21 -2.13 0.00	48.21 -2.10 0.00	52.05 -2.35 0.00	50.27 -2.28 0.00	44.47 -2.00 0.00	50.13 -2.19 0.00	51.77 -2.35 0.00	49.60 -2.18 0.00	49.81 -2.14 0.00	56.43 -2.42 0.00	52.44 -2.26 0.00	51.29 -2.24 0.00	48.85 -2.19 0.00	42.33 -1.94 0.00	40.30 -1.83 0.00	44.51 -2.04 0.00
SENECA___115KV_TB3 355854	49.99 -2.80 0.00	48.82 -2.84 0.00	48.42 -2.63 0.00	47.63 -2.56 0.00	46.05 -2.28 0.00	43.48 -2.61 0.00	44.87 -2.59 0.00	51.05 -4.10 0.00	47.19 -4.15 0.00	46.33 -3.88 0.10	49.54 -4.73 0.12	48.56 -3.99 0.00	42.80 -3.56 0.12	48.27 -3.91 0.14	48.93 -4.31 0.89	38.98 -3.98 8.82	29.99 -4.42 17.54	35.09 -5.15 18.61	31.83 -4.64 18.22	29.49 -4.94 19.09	27.48 -4.99 18.56	22.54 -4.36 17.36	21.57 -3.96 16.60	25.78 -4.05 16.72
SENECA___ENERGY 23797	51.41 -1.37 0.00	50.24 -1.42 0.00	49.72 -1.33 0.00	48.88 -1.31 0.00	47.15 -1.18 0.00	44.98 -1.11 0.00	46.54 -0.92 0.00	53.81 -1.35 0.00	49.75 -1.58 0.00	48.72 -1.61 -0.02	52.44 -1.98 -0.03	50.38 -2.18 0.00	44.97 -1.54 -0.03	50.66 -1.69 -0.03	52.23 -2.11 -0.21	52.01 -1.85 -2.08	54.20 -1.88 -4.14	61.10 -2.14 -4.39	57.06 -1.93 -4.30	55.96 -2.07 -4.50	53.34 -2.08 -4.38	46.50 -1.88 -4.11	44.22 -1.84 -3.93	48.52 -1.98 -3.94
SHOEMAKER___GT 23640	54.60 1.82 0.00	53.38 1.73 0.00	52.75 1.70 0.00	51.78 1.60 0.00	49.86 1.53 0.00	47.61 1.52 0.00	49.06 1.60 0.00	56.94 1.78 0.00	52.92 1.59 0.00	51.78 1.47 0.00	56.04 1.65 0.00	54.20 1.65 0.00	47.68 1.21 0.00	53.46 1.15 0.00	55.50 1.37 0.00	53.36 1.58 0.00	53.87 1.92 0.00	61.17 2.32 0.00	56.87 2.17 0.00	55.79 2.26 0.00	53.32 2.27 0.00	46.29 2.03 0.00	44.08 1.96 0.00	48.57 2.02 0.00
SHOEMAKR_138KV_BK 111 55601	54.57 1.79 0.00	53.37 1.72 0.00	52.74 1.69 0.00	51.78 1.59 0.00	49.84 1.50 0.00	47.58 1.48 0.00	49.04 1.58 0.00	56.92 1.76 0.00	52.89 1.56 0.00	51.79 1.48 0.00	56.07 1.68 0.00	54.19 1.64 0.00	47.71 1.24 0.00	53.49 1.17 0.00	55.51 1.38 0.00	53.37 1.59 0.00	53.85 1.90 0.00	61.14 2.29 0.00	56.83 2.14 0.00	55.77 2.24 0.00	53.30 2.26 0.00	46.29 2.03 0.00	44.08 1.95 0.00	48.57 2.01 0.00
SHOREHAM_IC_1 23715	57.46 4.67 0.00	56.08 4.42 0.00	55.26 4.22 0.00	54.11 3.93 0.00	52.05 3.72 0.00	49.86 3.76 0.00	51.32 3.87 0.00	59.48 4.33 0.00	55.13 3.80 0.00	54.36 4.05 0.00	58.55 4.16 0.00	56.60 4.04 0.00	49.66 3.18 0.00	55.72 3.40 0.00	57.76 3.63 0.00	80.40 4.24 -24.38	87.90 4.22 -31.73	67.76 3.91 -5.00	104.84 4.00 -46.15	94.72 4.30 -36.89	101.79 4.64 -46.10	71.32 4.12 -22.94	82.93 4.43 -36.38	51.67 4.56 -0.56
SHOREHAM_IC_2 23716	57.46 4.67 0.00	56.08 4.42 0.00	55.26 4.22 0.00	54.11 3.92 0.00	52.05 3.72 0.00	49.86 3.76 0.00	51.32 3.87 0.00	59.48 4.33 0.00	55.13 3.80 0.00	54.36 4.05 0.00	58.55 4.16 0.00	56.59 4.04 0.00	49.65 3.17 0.00	55.71 3.40 0.00	57.79 3.66 0.00	80.42 4.26 -24.38	87.92 4.24 -31.73	67.77 3.92 -5.00	104.85 4.01 -46.15	94.75 4.32 -36.89	101.80 4.66 -46.10	71.32 4.12 -22.94	82.93 4.43 -36.38	51.67 4.56 -0.56
SISSONVILLE____ 23735	54.04 1.25 0.00	52.86 1.20 0.00	52.13 1.09 0.00	51.34 1.15 0.00	49.40 1.07 0.00	47.03 0.93 0.00	48.44 0.99 0.00	56.65 1.50 0.00	52.91 1.58 0.00	51.90 1.59 0.00	56.08 1.68 0.00	54.36 1.80 0.00	48.20 1.73 0.00	54.62 2.31 0.00	56.29 2.16 0.00	53.34 1.56 0.00	53.18 1.24 0.00	60.05 1.20 0.00	55.80 1.10 0.00	54.49 0.96 0.00	51.74 0.70 0.00	44.71 0.45 0.00	42.46 0.33 0.00	46.90 0.35 0.00
SITHE_IND_GS1 24169	50.44 -2.34 0.00	49.32 -2.33 0.00	48.75 -2.29 0.00	47.92 -2.27 0.00	46.16 -2.17 0.00	44.03 -2.07 0.00	45.36 -2.10 0.00	52.66 -2.49 0.00	48.99 -2.34 0.00	48.00 -2.31 0.00	51.81 -2.59 0.00	50.07 -2.48 0.00	44.32 -2.15 0.00	49.92 -2.40 0.00	51.60 -2.54 0.00	49.41 -2.38 0.00	49.56 -2.39 0.00	56.14 -2.72 0.00	52.18 -2.52 0.00	51.02 -2.51 0.00	48.62 -2.42 0.00	42.15 -2.11 0.00	40.13 -2.00 0.00	44.35 -2.21 0.00
SITHE_IND_GS2 24170	50.44 -2.34 0.00	49.32 -2.33 0.00	48.75 -2.29 0.00	47.92 -2.27 0.00	46.16 -2.17 0.00	44.03 -2.07 0.00	45.36 -2.10 0.00	52.66 -2.49 0.00	48.99 -2.34 0.00	48.00 -2.31 0.00	51.81 -2.59 0.00	50.07 -2.48 0.00	44.32 -2.15 0.00	49.92 -2.40 0.00	51.60 -2.54 0.00	49.41 -2.38 0.00	49.56 -2.39 0.00	56.14 -2.72 0.00	52.18 -2.52 0.00	51.02 -2.51 0.00	48.62 -2.42 0.00	42.15 -2.11 0.00	40.13 -2.00 0.00	44.35 -2.21 0.00
SITHE_IND_GS3 24171	50.44 -2.34 0.00	49.32 -2.33 0.00	48.75 -2.29 0.00	47.92 -2.27 0.00	46.16 -2.17 0.00	44.03 -2.07 0.00	45.36 -2.10 0.00	52.66 -2.49 0.00	48.99 -2.34 0.00	48.00 -2.31 0.00	51.81 -2.59 0.00	50.07 -2.48 0.00	44.32 -2.15 0.00	49.92 -2.40 0.00	51.60 -2.54 0.00	49.41 -2.38 0.00	49.56 -2.39 0.00	56.14 -2.72 0.00	52.18 -2.52 0.00	51.02 -2.51 0.00	48.62 -2.42 0.00	42.15 -2.11 0.00	40.13 -2.00 0.00	44.35 -2.21 0.00
SITHE_IND_GS4 24172	50.44 -2.34 0.00	49.32 -2.33 0.00	48.75 -2.29 0.00	47.92 -2.27 0.00	46.16 -2.17 0.00	44.03 -2.07 0.00	45.36 -2.10 0.00	52.66 -2.49 0.00	48.99 -2.34 0.00	48.00 -2.31 0.00	51.81 -2.59 0.00	50.07 -2.48 0.00	44.32 -2.15 0.00	49.92 -2.40 0.00	51.60 -2.54 0.00	49.41 -2.38 0.00	49.56 -2.39 0.00	56.14 -2.72 0.00	52.18 -2.52 0.00	51.02 -2.51 0.00	48.62 -2.42 0.00	42.15 -2.11 0.00	40.13 -2.00 0.00	44.35 -2.21 0.00

SITHE___BATAVIA 24024	50.91 -1.88 0.00	49.69 -1.97 0.00	49.16 -1.89 0.00	48.30 -1.88 0.00	46.62 -1.72 0.00	44.05 -2.05 0.00	45.37 -2.09 0.00	51.88 -3.27 0.00	48.19 -3.15 0.00	47.34 -2.92 0.05	50.09 -4.24 0.06	49.39 -3.16 0.00	43.88 -2.54 0.06	49.39 -2.85 0.07	50.70 -2.97 0.46	44.61 -2.65 4.53	40.03 -2.92 9.00	45.99 -3.31 9.55	42.36 -2.99 9.35	40.40 -3.34 9.79	38.01 -3.53 9.50	32.35 -3.12 8.79	30.82 -2.87 8.44	35.05 -2.93 8.58
SITHE___INDEPEND 23800	50.44 -2.35 0.00	49.32 -2.33 0.00	48.76 -2.29 0.00	47.92 -2.27 0.00	46.16 -2.17 0.00	44.02 -2.08 0.00	45.36 -2.10 0.00	52.66 -2.49 0.00	48.99 -2.34 0.00	48.00 -2.32 0.00	51.81 -2.59 0.00	50.06 -2.49 0.00	44.32 -2.16 0.00	49.92 -2.40 0.00	51.59 -2.54 0.00	49.40 -2.38 0.00	49.55 -2.40 0.00	56.12 -2.73 0.00	52.17 -2.53 0.00	51.01 -2.51 0.00	48.60 -2.44 0.00	42.15 -2.12 0.00	40.12 -2.00 0.00	44.35 -2.20 0.00
SITHE___MASSENA 23902	54.10 1.32 0.00	52.96 1.30 0.00	52.28 1.23 0.00	51.47 1.28 0.00	49.54 1.20 0.00	47.18 1.08 0.00	48.48 1.03 0.00	56.44 1.29 0.00	52.64 1.31 0.00	51.74 1.43 0.00	55.92 1.52 0.00	54.18 1.63 0.00	48.04 1.57 0.00	54.19 1.87 0.00	55.94 1.81 0.00	53.20 1.42 0.00	53.10 1.15 0.00	60.07 1.22 0.00	55.87 1.17 0.00	54.57 1.04 0.00	51.90 0.86 0.00	44.90 0.64 0.00	42.68 0.55 0.00	47.20 0.64 0.00
SITHE___OGDNSBRG 24021	55.12 2.33 0.00	53.92 2.26 0.00	53.20 2.15 0.00	52.41 2.22 0.00	50.43 2.10 0.00	48.02 1.92 0.00	49.40 1.94 0.00	57.62 2.46 0.00	53.70 2.36 0.00	52.43 2.12 0.00	56.59 2.20 0.00	54.73 2.18 0.00	48.90 2.43 0.00	55.36 3.05 0.00	57.11 2.98 0.00	54.09 2.31 0.00	54.31 2.37 0.00	61.43 2.58 0.00	57.07 2.37 0.00	55.70 2.18 0.00	52.91 1.87 0.00	45.71 1.45 0.00	43.37 1.25 0.00	47.91 1.35 0.00
SITHE___STERLING 23777	53.60 0.81 0.00	52.37 0.71 0.00	51.81 0.76 0.00	50.97 0.78 0.00	49.12 0.79 0.00	46.88 0.78 0.00	48.53 1.08 0.00	56.62 1.47 0.00	52.71 1.38 0.00	51.55 1.24 0.00	55.67 1.27 0.00	53.74 1.19 0.00	47.15 0.67 0.00	53.49 1.17 0.00	55.38 1.25 0.00	52.82 1.04 0.00	53.14 1.19 0.00	60.10 1.25 0.00	55.81 1.11 0.00	54.43 0.91 0.00	51.80 0.76 0.00	44.88 0.61 0.00	42.64 0.51 0.00	47.03 0.47 0.00
SLEIGHT__34_KV_TB1 80719	50.82 -1.96 0.00	49.64 -2.02 0.00	49.14 -1.90 0.00	48.28 -1.90 0.00	46.54 -1.79 0.00	44.23 -1.86 0.00	45.64 -1.81 0.00	52.76 -2.39 0.00	48.97 -2.36 0.00	48.12 -2.19 0.00	51.70 -2.70 0.00	50.07 -2.48 0.00	44.58 -1.89 0.00	50.23 -2.08 0.00	51.75 -2.38 0.00	49.64 -2.15 0.00	49.75 -2.20 0.00	56.33 -2.52 0.00	52.36 -2.33 0.00	50.96 -2.57 0.00	48.46 -2.59 0.00	41.93 -2.33 0.00	39.89 -2.24 0.00	44.17 -2.39 0.00
SMITHTWN_69_KV_BK 1 55830	57.18 4.40 0.00	55.81 4.15 0.00	54.99 3.94 0.00	53.84 3.65 0.00	51.78 3.44 0.00	49.59 3.49 0.00	51.04 3.58 0.00	59.13 3.98 0.00	54.83 3.50 0.00	54.15 3.84 0.00	58.35 3.96 0.00	56.43 3.88 0.00	49.55 3.07 0.00	55.59 3.28 0.00	57.85 3.72 0.00	80.49 4.24 -24.47	88.14 4.35 -31.85	68.33 4.46 -5.02	105.55 4.53 -46.32	95.22 4.66 -37.03	102.22 4.90 -46.28	71.58 4.30 -23.02	82.96 4.32 -36.51	51.51 4.39 -0.56
SOUTH CAIRO___GT 23612	56.40 3.62 0.00	55.21 3.56 0.00	54.59 3.54 0.00	53.69 3.50 0.00	51.76 3.43 0.00	49.39 3.30 0.00	50.67 3.22 0.00	59.07 3.91 0.00	54.87 3.54 0.00	53.15 2.84 0.00	57.16 2.77 0.00	54.80 2.25 0.00	48.29 1.82 0.00	54.99 2.67 0.00	57.50 3.37 0.00	55.28 3.49 0.00	55.73 3.79 0.00	63.38 4.52 0.00	58.85 4.16 0.00	57.63 4.11 0.00	54.93 3.89 0.00	47.63 3.37 0.00	45.41 3.28 0.00	50.26 3.71 0.00
SOUTH HAMPTN___IC 23720	57.97 5.18 0.00	56.58 4.93 0.00	55.77 4.73 0.00	54.61 4.43 0.00	52.55 4.21 0.00	50.35 4.25 0.00	51.84 4.38 0.00	60.11 4.95 0.00	55.69 4.35 0.00	54.85 4.54 0.00	59.03 4.63 0.00	57.07 4.52 0.00	50.08 3.60 0.00	56.22 3.90 0.00	58.33 4.20 0.00	80.94 4.81 -24.35	88.62 4.98 -31.69	68.72 4.87 -4.99	105.68 4.88 -46.10	95.52 5.14 -36.86	102.51 5.41 -46.05	71.95 4.77 -22.91	83.41 4.95 -36.34	52.22 5.11 -0.56
SOUTHDOW_115KV_TB1 355954	51.41 -1.38 0.00	50.38 -1.28 0.00	50.40 -0.65 0.00	49.62 -0.57 0.00	48.06 -0.27 0.00	45.47 -0.62 0.00	47.42 -0.04 0.00	53.33 -1.82 0.00	48.72 -2.62 0.00	47.57 -2.69 0.05	51.02 -3.31 0.06	49.65 -2.90 0.00	43.62 -2.80 0.06	49.00 -3.25 0.07	49.93 -3.74 0.46	44.12 -3.06 4.60	39.01 -3.79 9.15	44.66 -4.49 9.71	41.17 -4.02 9.51	39.36 -4.21 9.96	37.04 -4.31 9.69	31.33 -3.88 9.05	29.94 -3.53 8.66	34.28 -3.55 8.73
SOUTHOLD_69_KV_BK 2 55809	58.57 5.79 0.00	57.18 5.52 0.00	56.37 5.32 0.00	55.19 5.01 0.00	53.12 4.79 0.00	50.89 4.79 0.00	52.44 4.99 0.00	60.83 5.68 0.00	56.35 5.02 0.00	55.44 5.13 0.00	59.63 5.24 0.00	57.67 5.12 0.00	50.59 4.11 0.00	56.87 4.55 0.00	58.99 4.86 0.00	81.62 5.49 -24.35	89.51 5.87 -31.70	69.87 6.03 -4.99	106.76 5.97 -46.10	96.55 6.17 -36.86	103.46 6.36 -46.06	72.74 5.57 -22.91	84.13 5.66 -36.34	52.95 5.84 -0.56
SOUTHOLD___IC 23719	58.57 5.79 0.00	57.18 5.52 0.00	56.37 5.32 0.00	55.20 5.01 0.00	53.12 4.78 0.00	50.90 4.80 0.00	52.45 4.99 0.00	60.83 5.68 0.00	56.35 5.02 0.00	55.43 5.12 0.00	59.62 5.23 0.00	57.67 5.12 0.00	50.59 4.12 0.00	56.88 4.56 0.00	58.97 4.84 0.00	81.60 5.47 -24.35	89.51 5.87 -31.70	69.86 6.02 -4.99	106.75 5.96 -46.10	96.53 6.14 -36.86	103.45 6.35 -46.06	72.74 5.56 -22.91	84.13 5.66 -36.34	52.95 5.84 -0.56
SOUTH_FORK_WT_PWR 323839	58.62 5.83 0.00	57.22 5.56 0.00	56.41 5.37 0.00	55.24 5.05 0.00	53.17 4.83 0.00	50.95 4.86 0.00	52.49 5.04 0.00	60.89 5.74 0.00	56.40 5.07 0.00	55.48 5.16 0.00	59.65 5.26 0.00	57.68 5.13 0.00	50.62 4.14 0.00	56.91 4.59 0.00	58.99 4.86 0.00	81.62 5.49 -24.35	89.62 5.98 -31.69	69.96 6.11 -4.99	106.83 6.03 -46.10	96.63 6.24 -36.86	103.55 6.45 -46.05	72.82 5.64 -22.91	84.20 5.74 -36.34	53.04 5.93 -0.56
SPIERFLS_115KV_TB 1 80737	55.04 2.26 0.00	53.95 2.29 0.00	53.36 2.32 0.00	52.51 2.32 0.00	50.64 2.31 0.00	48.36 2.26 0.00	49.84 2.38 0.00	58.02 2.86 0.00	53.67 2.34 0.00	52.05 1.73 0.00	56.18 1.79 0.00	54.09 1.53 0.00	47.85 1.38 0.00	54.28 1.96 0.00	56.73 2.60 0.00	54.40 2.62 0.00	54.88 2.93 0.00	62.23 3.38 0.00	57.80 3.10 0.00	56.59 3.07 0.00	53.87 2.82 0.00	46.77 2.50 0.00	44.34 2.22 0.00	48.98 2.42 0.00
ST LAWRENCE____ 23600	53.22 0.44 0.00	52.09 0.44 0.00	51.45 0.40 0.00	50.63 0.45 0.00	48.74 0.40 0.00	46.43 0.34 0.00	47.71 0.25 0.00	55.52 0.37 0.00	51.78 0.45 0.00	50.93 0.62 0.00	55.07 0.67 0.00	53.32 0.77 0.00	47.23 0.75 0.00	53.24 0.92 0.00	54.99 0.86 0.00	52.34 0.56 0.00	52.25 0.30 0.00	59.16 0.31 0.00	55.00 0.30 0.00	53.72 0.19 0.00	51.15 0.11 0.00	44.28 0.01 0.00	42.07 -0.05 0.00	46.53 -0.02 0.00

STATE_CA_115KV_115_LB 55624	54.55 1.76 0.00	53.47 1.82 0.00	52.84 1.80 0.00	51.97 1.79 0.00	50.05 1.71 0.00	47.70 1.60 0.00	48.76 1.31 0.00	56.68 1.53 0.00	52.73 1.40 0.00	51.50 1.19 0.00	55.90 1.51 0.00	53.87 1.31 0.00	47.59 1.11 0.00	53.32 1.01 0.00	55.28 1.15 0.00	53.06 1.27 0.00	53.44 1.50 0.00	60.60 1.75 0.00	56.29 1.59 0.00	55.24 1.71 0.00	52.79 1.75 0.00	45.89 1.62 0.00	43.93 1.80 0.00	48.77 2.22 0.00
STATE_ST_34_KV_LOAD 55959	52.00 -0.79 0.00	50.83 -0.82 0.00	50.44 -0.61 0.00	49.57 -0.62 0.00	47.75 -0.59 0.00	45.57 -0.52 0.00	47.10 -0.35 0.00	54.64 -0.52 0.00	50.53 -0.80 0.00	49.53 -0.78 0.00	53.34 -1.05 0.00	51.22 -1.34 0.00	45.61 -0.86 0.00	51.57 -0.74 0.00	53.10 -1.03 0.00	50.96 -0.82 0.00	51.22 -0.73 0.00	58.01 -0.84 0.00	53.89 -0.81 0.00	52.49 -1.04 0.00	50.10 -0.94 0.00	43.40 -0.86 0.00	41.19 -0.94 0.00	45.61 -0.95 0.00
STATION_5_MISC_HYD 23604	50.84 -1.95 0.00	49.64 -2.02 0.00	49.08 -1.97 0.00	48.21 -1.98 0.00	46.48 -1.86 0.00	44.03 -2.06 0.00	45.37 -2.09 0.00	52.22 -2.93 0.00	48.50 -2.83 0.00	47.65 -2.66 0.00	51.12 -3.27 0.00	49.83 -2.72 0.00	44.21 -2.27 0.00	49.75 -2.57 0.00	51.35 -2.78 0.00	49.21 -2.57 0.00	49.21 -2.73 0.00	55.76 -3.10 0.00	51.82 -2.88 0.00	50.40 -3.13 0.00	47.84 -3.21 0.00	41.43 -2.86 -0.02	39.49 -2.65 -0.01	43.79 -2.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.34 -1.45 0.00	50.13 -1.52 0.00	49.58 -1.46 0.00	48.73 -1.46 0.00	46.98 -1.36 0.00	44.66 -1.44 0.00	46.10 -1.35 0.00	53.20 -1.95 0.00	49.38 -1.96 0.00	48.44 -1.87 0.00	52.01 -2.39 0.00	50.35 -2.21 0.00	44.79 -1.68 0.00	50.42 -1.89 0.00	51.93 -2.20 0.00	49.77 -2.01 0.00	49.86 -2.09 0.00	56.46 -2.40 0.00	52.49 -2.21 0.00	51.12 -2.40 0.00	48.58 -2.47 0.00	42.04 -2.22 0.00	40.01 -2.12 0.00	44.30 -2.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.56 -2.22 0.00	49.36 -2.29 0.00	48.81 -2.23 0.00	47.95 -2.24 0.00	46.21 -2.12 0.00	43.81 -2.29 0.00	45.14 -2.32 0.00	52.00 -3.15 0.00	48.29 -3.04 0.00	47.47 -2.85 0.00	50.95 -3.44 0.00	49.62 -2.93 0.00	44.03 -2.45 0.00	49.54 -2.78 0.00	51.10 -3.03 0.00	48.95 -2.83 0.00	48.97 -2.98 0.00	55.45 -3.40 0.00	51.56 -3.14 0.00	50.14 -3.39 0.00	47.60 -3.44 0.00	41.23 -3.05 -0.02	39.26 -2.88 -0.01	43.55 -3.01 0.00
STA_56___34_KV_BUS2 355983	50.56 -2.22 0.00	49.36 -2.29 0.00	48.81 -2.23 0.00	47.95 -2.24 0.00	46.21 -2.12 0.00	43.81 -2.29 0.00	45.14 -2.32 0.00	52.00 -3.15 0.00	48.29 -3.04 0.00	47.47 -2.85 0.00	50.95 -3.44 0.00	49.62 -2.93 0.00	44.03 -2.45 0.00	49.54 -2.78 0.00	51.10 -3.03 0.00	48.95 -2.83 0.00	48.97 -2.98 0.00	55.45 -3.40 0.00	51.56 -3.14 0.00	50.14 -3.39 0.00	47.60 -3.44 0.00	41.23 -3.05 -0.02	39.26 -2.88 -0.01	43.55 -3.01 0.00
STA_67___115KV_BK2 355882	50.73 -2.05 0.00	49.54 -2.12 0.00	48.99 -2.06 0.00	48.12 -2.07 0.00	46.38 -1.96 0.00	43.94 -2.15 0.00	45.27 -2.18 0.00	52.11 -3.04 0.00	48.40 -2.94 0.00	47.57 -2.74 0.00	51.02 -3.38 0.00	49.73 -2.82 0.00	44.12 -2.35 0.00	49.64 -2.68 0.00	51.20 -2.93 0.00	49.05 -2.73 0.00	49.05 -2.90 0.00	55.53 -3.32 0.00	51.63 -3.07 0.00	50.19 -3.34 0.00	47.66 -3.38 0.00	41.28 -3.00 -0.02	39.34 -2.80 -0.01	43.64 -2.92 0.00
STA_7___115KV_9TRANS 80674	51.10 -1.69 0.00	49.87 -1.79 0.00	49.30 -1.75 0.00	48.42 -1.77 0.00	46.67 -1.66 0.00	44.22 -1.87 0.00	45.59 -1.87 0.00	52.49 -2.67 0.00	48.75 -2.58 0.00	47.92 -2.39 0.00	51.39 -3.00 0.00	50.13 -2.43 0.00	44.48 -2.00 0.00	50.04 -2.28 0.00	51.62 -2.51 0.00	49.45 -2.34 0.00	49.46 -2.49 0.00	56.02 -2.83 0.00	52.08 -2.62 0.00	50.63 -2.90 0.00	48.07 -2.98 0.00	41.62 -2.66 -0.02	39.64 -2.50 -0.01	43.95 -2.60 0.00
STA_82___115KV_TB1 80780	50.70 -2.09 0.00	49.50 -2.15 0.00	48.95 -2.10 0.00	48.08 -2.10 0.00	46.35 -1.99 0.00	43.92 -2.18 0.00	45.25 -2.20 0.00	52.07 -3.09 0.00	48.36 -2.98 0.00	47.53 -2.78 0.00	50.97 -3.43 0.00	49.69 -2.87 0.00	44.09 -2.39 0.00	49.60 -2.72 0.00	51.15 -2.98 0.00	49.00 -2.79 0.00	48.99 -2.96 0.00	55.48 -3.38 0.00	51.58 -3.12 0.00	50.14 -3.39 0.00	47.61 -3.43 0.00	41.25 -3.04 -0.02	39.30 -2.84 -0.01	43.60 -2.95 0.00
STEEL___WIND 323596	49.88 -2.90 0.00	48.72 -2.94 0.00	48.31 -2.73 0.00	47.55 -2.64 0.00	45.98 -2.36 0.00	43.41 -2.69 0.00	44.79 -2.66 0.00	50.95 -4.20 0.00	47.12 -4.22 0.00	46.27 -3.94 0.10	49.46 -4.82 0.12	48.49 -4.07 0.00	42.71 -3.65 0.12	48.17 -4.01 0.14	48.81 -4.42 0.89	38.87 -4.09 8.82	29.88 -4.53 17.54	34.97 -5.27 18.61	31.71 -4.76 18.22	29.38 -5.05 19.09	27.38 -5.10 18.56	22.45 -4.45 17.36	21.48 -4.04 16.60	25.69 -4.14 16.72
STEPHTWN_115KV_BK_2 55603	54.93 2.15 0.00	53.70 2.04 0.00	53.10 2.05 0.00	52.22 2.03 0.00	50.30 1.97 0.00	47.96 1.87 0.00	49.19 1.73 0.00	57.21 2.06 0.00	53.10 1.76 0.00	51.82 1.51 0.00	56.24 1.85 0.00	54.06 1.51 0.00	47.83 1.36 0.00	53.74 1.42 0.00	55.58 1.45 0.00	53.41 1.63 0.00	53.86 1.91 0.00	61.17 2.31 0.00	56.75 2.06 0.00	55.72 2.19 0.00	53.19 2.14 0.00	46.23 1.97 0.00	44.19 2.07 0.00	48.97 2.42 0.00
STEBEN_REC_LFGE 323667	48.82 -3.96 0.00	47.66 -4.00 0.00	47.49 -3.56 0.00	47.16 -3.03 0.00	46.34 -1.99 0.00	44.85 -1.24 0.00	47.11 -0.35 0.00	54.25 -0.91 0.00	49.19 -2.14 0.00	48.00 -2.54 -0.23	51.22 -3.45 -0.28	49.05 -3.50 0.00	43.38 -3.36 -0.27	48.18 -4.45 -0.31	50.91 -5.24 -2.02	66.90 -4.87 -19.99	86.45 -5.24 -39.74	95.15 -5.87 -42.17	90.71 -5.28 -41.29	91.58 -5.21 -43.26	88.11 -5.04 -42.11	79.31 -4.52 -39.56	75.61 -4.28 -37.76	79.59 -4.85 -37.89
STILLWATER___SOLAR 323814	55.12 2.34 0.00	53.99 2.34 0.00	53.39 2.35 0.00	52.53 2.34 0.00	50.63 2.29 0.00	48.33 2.24 0.00	49.79 2.34 0.00	57.90 2.74 0.00	53.65 2.32 0.00	52.17 1.86 0.00	56.34 1.94 0.00	54.24 1.69 0.00	48.01 1.54 0.00	54.29 1.98 0.00	56.59 2.46 0.00	54.29 2.51 0.00	54.72 2.77 0.00	62.03 3.18 0.00	57.65 2.95 0.00	56.46 2.94 0.00	53.87 2.83 0.00	46.75 2.48 0.00	44.40 2.27 0.00	49.08 2.53 0.00
STONY___BROOK 24151	57.13 4.35 0.00	55.75 4.10 0.00	54.94 3.89 0.00	53.79 3.61 0.00	51.73 3.39 0.00	49.55 3.45 0.00	51.00 3.54 0.00	59.09 3.94 0.00	54.81 3.47 0.00	54.10 3.79 0.00	58.31 3.92 0.00	56.38 3.83 0.00	49.51 3.03 0.00	55.55 3.23 0.00	57.76 3.62 0.00	80.37 4.15 -24.43	88.01 4.26 -31.80	68.20 4.34 -5.01	105.37 4.42 -46.25	95.06 4.55 -36.98	102.05 4.80 -46.21	71.48 4.22 -22.99	82.85 4.26 -36.46	51.46 4.34 -0.56
STURGEON_POOL_HYD 23609	55.00 2.22 0.00	53.78 2.12 0.00	53.10 2.06 0.00	52.13 1.94 0.00	50.17 1.84 0.00	47.92 1.82 0.00	49.43 1.97 0.00	57.41 2.25 0.00	53.43 2.09 0.00	52.36 2.05 0.00	56.87 2.48 0.00	54.95 2.40 0.00	48.43 1.96 0.00	54.16 1.85 0.00	56.30 2.17 0.00	54.14 2.36 0.00	54.59 2.64 0.00	62.00 3.15 0.00	57.60 2.90 0.00	56.51 2.98 0.00	54.03 2.99 0.00	46.91 2.64 0.00	44.62 2.49 0.00	49.11 2.55 0.00

ST_LAW_115_BK7_LBMP 345037	53.32 0.54 0.00	52.19 0.54 0.00	51.53 0.48 0.00	50.73 0.54 0.00	48.83 0.50 0.00	46.50 0.40 0.00	47.77 0.32 0.00	55.60 0.45 0.00	51.86 0.53 0.00	51.02 0.71 0.00	55.15 0.76 0.00	53.40 0.85 0.00	47.32 0.84 0.00	53.34 1.02 0.00	55.09 0.96 0.00	52.43 0.65 0.00	52.32 0.37 0.00	59.22 0.37 0.00	55.07 0.37 0.00	53.81 0.28 0.00	51.21 0.17 0.00	44.32 0.06 0.00	42.13 0.00 0.00	46.60 0.04 0.00
ST_LAW_115_BK8_LBMP 345038	53.32 0.54 0.00	52.19 0.54 0.00	51.53 0.48 0.00	50.73 0.54 0.00	48.83 0.50 0.00	46.50 0.40 0.00	47.77 0.32 0.00	55.60 0.45 0.00	51.86 0.53 0.00	51.02 0.71 0.00	55.15 0.76 0.00	53.40 0.85 0.00	47.32 0.84 0.00	53.34 1.02 0.00	55.09 0.96 0.00	52.43 0.65 0.00	52.32 0.37 0.00	59.22 0.37 0.00	55.07 0.37 0.00	53.81 0.28 0.00	51.21 0.17 0.00	44.32 0.06 0.00	42.13 0.00 0.00	46.60 0.04 0.00
ST_LAW_230_BK5_LBMP 345035	53.22 0.44 0.00	52.09 0.44 0.00	51.45 0.40 0.00	50.63 0.45 0.00	48.74 0.40 0.00	46.43 0.34 0.00	47.71 0.25 0.00	55.52 0.37 0.00	51.78 0.45 0.00	50.93 0.62 0.00	55.07 0.67 0.00	53.32 0.77 0.00	47.23 0.75 0.00	53.24 0.92 0.00	54.99 0.86 0.00	52.34 0.56 0.00	52.25 0.30 0.00	59.16 0.31 0.00	55.00 0.30 0.00	53.72 0.19 0.00	51.15 0.11 0.00	44.28 0.01 0.00	42.07 -0.05 0.00	46.53 -0.02 0.00
ST_LAW_230_BK6_LBMP 345036	53.22 0.44 0.00	52.09 0.44 0.00	51.45 0.40 0.00	50.63 0.45 0.00	48.74 0.40 0.00	46.43 0.34 0.00	47.71 0.25 0.00	55.52 0.37 0.00	51.78 0.45 0.00	50.93 0.62 0.00	55.07 0.67 0.00	53.32 0.77 0.00	47.23 0.75 0.00	53.24 0.92 0.00	54.99 0.86 0.00	52.34 0.56 0.00	52.25 0.30 0.00	59.16 0.31 0.00	55.00 0.30 0.00	53.72 0.19 0.00	51.15 0.11 0.00	44.28 0.01 0.00	42.07 -0.05 0.00	46.53 -0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	54.83 2.05 0.00	53.60 1.94 0.00	52.96 1.92 0.00	51.98 1.80 0.00	50.05 1.72 0.00	47.80 1.70 0.00	49.24 1.79 0.00	57.14 1.99 0.00	53.11 1.78 0.00	52.06 1.74 0.00	56.41 2.01 0.00	54.45 1.90 0.00	47.99 1.51 0.00	53.77 1.46 0.00	55.77 1.65 0.00	53.63 1.85 0.00	54.09 2.14 0.00	61.43 2.58 0.00	57.10 2.40 0.00	56.05 2.53 0.00	53.60 2.55 0.00	46.54 2.27 0.00	44.33 2.20 0.00	48.83 2.28 0.00
SWANROAD_115KV_TB1 355699	48.32 -4.46 0.00	47.19 -4.47 0.00	46.70 -4.34 0.00	45.92 -4.27 0.00	44.32 -4.02 0.00	41.75 -4.35 0.00	42.85 -4.60 0.00	48.66 -6.49 0.00	45.14 -6.19 0.00	44.50 -5.74 0.08	47.52 -6.78 0.10	46.75 -5.81 0.00	41.36 -5.03 0.09	46.61 -5.60 0.11	47.69 -5.75 0.69	39.64 -5.33 6.82	32.47 -5.92 13.55	37.55 -6.92 14.38	34.39 -6.22 14.08	32.20 -6.58 14.75	30.26 -6.51 14.28	25.50 -5.66 13.11	24.28 -5.21 12.63	28.42 -5.22 12.92
SYNERGY___BIOGAS 323694	50.91 -1.88 0.00	49.68 -1.98 0.00	49.16 -1.89 0.00	48.30 -1.88 0.00	46.62 -1.72 0.00	44.05 -2.04 0.00	45.37 -2.09 0.00	51.88 -3.27 0.00	48.18 -3.16 0.00	47.37 -2.89 0.05	50.11 -4.23 0.06	49.41 -3.14 0.00	43.92 -2.50 0.06	49.40 -2.84 0.07	50.67 -3.00 0.46	44.53 -2.72 4.53	39.95 -3.00 9.00	45.87 -3.44 9.55	42.26 -3.08 9.35	40.26 -3.47 9.79	37.91 -3.63 9.50	32.22 -3.25 8.79	30.68 -3.01 8.44	34.95 -3.02 8.58
SYRACUSE___ENERGY_ST1 323597	51.68 -1.10 0.00	50.54 -1.12 0.00	49.99 -1.06 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.13 -0.97 0.00	46.58 -0.88 0.00	54.08 -1.08 0.00	50.26 -1.08 0.00	49.22 -1.09 0.00	53.10 -1.30 0.00	51.23 -1.32 0.00	45.40 -1.07 0.00	51.19 -1.12 0.00	52.84 -1.29 0.00	50.67 -1.12 0.00	50.87 -1.08 0.00	57.62 -1.23 0.00	53.55 -1.15 0.00	52.33 -1.19 0.00	49.86 -1.18 0.00	43.21 -1.06 0.00	41.10 -1.03 0.00	45.41 -1.15 0.00
SYRACUSE___ENERGY_ST2 323598	51.68 -1.10 0.00	50.54 -1.12 0.00	49.99 -1.06 0.00	49.11 -1.08 0.00	47.31 -1.02 0.00	45.13 -0.97 0.00	46.58 -0.88 0.00	54.08 -1.08 0.00	50.26 -1.08 0.00	49.22 -1.09 0.00	53.10 -1.30 0.00	51.23 -1.32 0.00	45.40 -1.07 0.00	51.19 -1.12 0.00	52.84 -1.29 0.00	50.67 -1.12 0.00	50.87 -1.08 0.00	57.62 -1.23 0.00	53.55 -1.15 0.00	52.33 -1.19 0.00	49.86 -1.18 0.00	43.21 -1.06 0.00	41.10 -1.03 0.00	45.41 -1.15 0.00
SYRACUSE___POWER 24017	51.66 -1.13 0.00	50.52 -1.14 0.00	49.94 -1.11 0.00	49.05 -1.14 0.00	47.26 -1.07 0.00	45.07 -1.03 0.00	46.49 -0.97 0.00	53.98 -1.18 0.00	50.19 -1.14 0.00	49.16 -1.15 0.00	53.05 -1.34 0.00	51.22 -1.33 0.00	45.33 -1.14 0.00	51.14 -1.18 0.00	52.81 -1.32 0.00	50.61 -1.17 0.00	50.80 -1.14 0.00	57.57 -1.29 0.00	53.48 -1.21 0.00	52.30 -1.22 0.00	49.82 -1.22 0.00	43.16 -1.10 0.00	41.09 -1.04 0.00	45.37 -1.18 0.00
TALLMAN__138KV_BK151 55660	55.09 2.30 0.00	53.84 2.19 0.00	53.19 2.14 0.00	52.18 1.99 0.00	50.23 1.90 0.00	47.97 1.87 0.00	49.44 1.98 0.00	57.35 2.20 0.00	53.29 1.96 0.00	52.27 1.96 0.00	56.66 2.26 0.00	54.64 2.09 0.00	48.21 1.73 0.00	53.98 1.66 0.00	55.96 1.83 0.00	53.79 2.01 0.00	54.26 2.31 0.00	61.63 2.77 0.00	57.32 2.63 0.00	56.28 2.76 0.00	53.84 2.79 0.00	46.78 2.52 0.00	44.56 2.44 0.00	49.08 2.53 0.00
TEALLAVE_115KV_TB7 355573	51.38 -1.40 0.00	50.24 -1.42 0.00	49.66 -1.38 0.00	48.79 -1.40 0.00	47.02 -1.32 0.00	44.83 -1.27 0.00	46.24 -1.21 0.00	53.68 -1.47 0.00	49.92 -1.42 0.00	48.90 -1.41 0.00	52.77 -1.63 0.00	50.97 -1.58 0.00	45.10 -1.38 0.00	50.83 -1.48 0.00	52.52 -1.61 0.00	50.33 -1.45 0.00	50.52 -1.43 0.00	57.22 -1.63 0.00	53.17 -1.53 0.00	51.98 -1.54 0.00	49.51 -1.53 0.00	42.90 -1.36 0.00	40.83 -1.29 0.00	45.13 -1.42 0.00
TELGRAPH_34_KV_EAST 80808	49.65 -3.13 0.00	48.48 -3.18 0.00	47.97 -3.08 0.00	47.15 -3.04 0.00	45.50 -2.84 0.00	42.91 -3.18 0.00	44.17 -3.28 0.00	50.35 -4.81 0.00	46.69 -4.64 0.00	45.96 -4.29 0.06	48.93 -5.38 0.08	48.18 -4.38 0.00	42.66 -3.74 0.08	48.06 -4.17 0.09	49.20 -4.36 0.57	42.08 -4.03 5.67	36.20 -4.48 11.27	41.69 -5.20 11.96	38.29 -4.69 11.72	36.18 -5.07 12.27	34.04 -5.10 11.90	28.75 -4.50 11.01	27.41 -4.14 10.58	31.66 -4.14 10.75
TEMPLE___115KV_TB 2 55572	51.40 -1.38 0.00	50.26 -1.39 0.00	49.68 -1.36 0.00	48.81 -1.37 0.00	47.02 -1.31 0.00	44.84 -1.25 0.00	46.25 -1.21 0.00	53.68 -1.47 0.00	49.93 -1.41 0.00	48.90 -1.41 0.00	52.78 -1.62 0.00	50.98 -1.58 0.00	45.11 -1.37 0.00	50.85 -1.46 0.00	52.53 -1.60 0.00	50.35 -1.43 0.00	50.53 -1.42 0.00	57.24 -1.61 0.00	53.18 -1.51 0.00	52.00 -1.52 0.00	49.53 -1.52 0.00	42.91 -1.35 0.00	40.86 -1.27 0.00	45.13 -1.42 0.00
TIANA____69_KV_BK 1 55817	57.79 5.01 0.00	56.42 4.76 0.00	55.61 4.56 0.00	54.44 4.25 0.00	52.39 4.05 0.00	50.18 4.08 0.00	51.68 4.22 0.00	59.91 4.75 0.00	55.51 4.17 0.00	54.68 4.37 0.00	58.87 4.47 0.00	56.91 4.36 0.00	49.93 3.46 0.00	56.05 3.73 0.00	58.18 4.05 0.00	80.78 4.65 -24.35	88.41 4.77 -31.69	68.49 4.64 -4.99	105.45 4.66 -46.10	95.31 4.93 -36.86	102.31 5.21 -46.06	71.76 4.59 -22.91	83.25 4.79 -36.34	52.04 4.93 -0.56

TILDEN___115KV_TB1 80814	51.66 -1.13 0.00	50.52 -1.14 0.00	49.94 -1.11 0.00	49.05 -1.14 0.00	47.26 -1.07 0.00	45.07 -1.03 0.00	46.49 -0.97 0.00	53.98 -1.18 0.00	50.19 -1.14 0.00	49.16 -1.15 0.00	53.05 -1.34 0.00	51.22 -1.33 0.00	45.33 -1.14 0.00	51.14 -1.18 0.00	52.81 -1.32 0.00	50.61 -1.17 0.00	50.80 -1.14 0.00	57.57 -1.29 0.00	53.48 -1.21 0.00	52.30 -1.22 0.00	49.82 -1.22 0.00	43.16 -1.10 0.00	41.09 -1.04 0.00	45.37 -1.18 0.00
TRIGEN___CC 323695	56.04 3.26 0.00	54.73 3.07 0.00	53.96 2.91 0.00	52.87 2.68 0.00	50.88 2.54 0.00	48.66 2.56 0.00	50.07 2.62 0.00	58.07 2.92 0.00	53.93 2.60 0.00	53.15 2.84 0.00	57.52 3.12 0.00	55.58 3.03 0.00	48.89 2.42 0.00	54.83 2.52 0.00	56.98 2.85 0.00	97.05 3.15 -42.11	110.07 3.31 -54.81	71.13 3.64 -8.63	138.00 3.59 -79.72	120.98 3.72 -63.74	134.47 3.79 -79.64	87.23 3.34 -39.62	108.26 3.29 -62.84	50.89 3.37 -0.97
TRINITY__115KV__4 BK 55933	54.28 1.49 0.00	53.22 1.56 0.00	52.59 1.55 0.00	51.73 1.55 0.00	49.81 1.47 0.00	47.49 1.39 0.00	48.55 1.10 0.00	56.41 1.26 0.00	52.48 1.14 0.00	51.25 0.94 0.00	55.63 1.23 0.00	53.59 1.04 0.00	47.38 0.90 0.00	53.04 0.73 0.00	55.01 0.89 0.00	52.80 1.02 0.00	53.18 1.23 0.00	60.28 1.43 0.00	56.02 1.32 0.00	54.98 1.45 0.00	52.56 1.51 0.00	45.68 1.42 0.00	43.70 1.57 0.00	48.51 1.96 0.00
UNION___PROCESSING_DRP 323587	50.71 -2.07 0.00	49.52 -2.14 0.00	48.96 -2.08 0.00	48.09 -2.09 0.00	46.37 -1.97 0.00	43.94 -2.16 0.00	45.26 -2.20 0.00	52.09 -3.07 0.00	48.38 -2.95 0.00	47.54 -2.77 0.00	50.98 -3.42 0.00	49.69 -2.86 0.00	44.10 -2.39 0.00	49.60 -2.71 0.00	51.16 -2.97 0.00	49.01 -2.78 0.00	49.00 -2.95 0.00	55.49 -3.36 0.00	51.59 -3.11 0.00	50.16 -3.36 0.00	47.63 -3.42 0.00	41.26 -3.03 -0.02	39.31 -2.84 -0.01	43.62 -2.94 0.00
UPPER HUDSON___HYD 24058	55.04 2.26 0.00	53.94 2.29 0.00	53.37 2.32 0.00	52.51 2.32 0.00	50.64 2.31 0.00	48.36 2.26 0.00	49.84 2.38 0.00	58.01 2.86 0.00	53.68 2.34 0.00	52.05 1.74 0.00	56.18 1.79 0.00	54.08 1.53 0.00	47.85 1.38 0.00	54.28 1.96 0.00	56.73 2.60 0.00	54.40 2.62 0.00	54.87 2.92 0.00	62.23 3.37 0.00	57.79 3.10 0.00	56.59 3.06 0.00	53.86 2.82 0.00	46.77 2.51 0.00	44.34 2.22 0.00	48.98 2.42 0.00
UPPER RAQUET___HYD 24056	54.04 1.25 0.00	52.85 1.20 0.00	52.13 1.09 0.00	51.34 1.15 0.00	49.40 1.07 0.00	47.03 0.93 0.00	48.44 0.99 0.00	56.66 1.50 0.00	52.91 1.58 0.00	51.90 1.59 0.00	56.08 1.68 0.00	54.36 1.80 0.00	48.20 1.73 0.00	54.62 2.31 0.00	56.29 2.16 0.00	53.34 1.56 0.00	53.18 1.23 0.00	60.04 1.19 0.00	55.79 1.10 0.00	54.49 0.96 0.00	51.74 0.70 0.00	44.70 0.44 0.00	42.45 0.33 0.00	46.90 0.35 0.00
VALLEY44_115KV_TB2 355964	51.07 -1.71 0.00	49.89 -1.77 0.00	49.55 -1.50 0.00	48.68 -1.50 0.00	47.06 -1.27 0.00	44.42 -1.68 0.00	46.09 -1.37 0.00	52.38 -2.77 0.00	48.29 -3.05 0.00	47.40 -2.88 0.04	50.82 -3.53 0.05	49.54 -3.01 0.00	43.78 -2.65 0.05	49.24 -3.02 0.06	50.39 -3.39 0.36	45.20 -3.02 3.56	41.45 -3.43 7.07	47.15 -4.20 7.50	43.55 -3.80 7.35	41.85 -3.98 7.70	39.46 -4.10 7.48	33.74 -3.54 6.98	32.23 -3.22 6.68	36.65 -3.16 6.74
VALLEY___115KV_TB 1-4 80826	54.02 1.24 0.00	52.89 1.24 0.00	52.31 1.26 0.00	51.42 1.24 0.00	49.54 1.21 0.00	47.39 1.29 0.00	48.97 1.52 0.00	57.16 2.00 0.00	53.10 1.76 0.00	51.57 1.26 0.00	55.59 1.20 0.00	53.45 0.89 0.00	47.15 0.68 0.00	53.74 1.42 0.00	55.80 1.67 0.00	53.48 1.70 0.00	53.66 1.71 0.00	60.78 1.93 0.00	56.54 1.84 0.00	55.38 1.85 0.00	52.91 1.86 0.00	46.03 1.77 0.00	43.63 1.50 0.00	48.06 1.51 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	55.18 2.39 0.00	53.97 2.31 0.00	53.38 2.33 0.00	52.42 2.23 0.00	50.52 2.18 0.00	48.17 2.07 0.00	49.83 2.37 0.00	57.93 2.78 0.00	53.94 2.61 0.00	52.81 2.50 0.00	57.11 2.72 0.00	55.09 2.54 0.00	48.62 2.15 0.00	54.71 2.39 0.00	56.62 2.50 0.00	54.42 2.64 0.00	54.78 2.83 0.00	62.07 3.21 0.00	57.66 2.96 0.00	56.40 2.87 0.00	53.73 2.69 0.00	46.55 2.28 0.00	44.20 2.08 0.00	48.64 2.09 0.00
VISCHER___FERRY HYD 24020	54.54 1.76 0.00	53.46 1.80 0.00	52.86 1.81 0.00	52.00 1.81 0.00	50.08 1.75 0.00	47.81 1.72 0.00	49.14 1.69 0.00	57.12 1.97 0.00	53.05 1.71 0.00	51.69 1.38 0.00	55.97 1.58 0.00	53.90 1.34 0.00	47.72 1.25 0.00	53.62 1.31 0.00	55.78 1.65 0.00	53.55 1.77 0.00	53.94 1.98 0.00	61.14 2.28 0.00	56.85 2.16 0.00	55.74 2.21 0.00	53.26 2.22 0.00	46.27 2.01 0.00	44.00 1.88 0.00	48.69 2.14 0.00
V_A_10_SYNC_DSASP 323832	49.12 -3.66 0.00	47.97 -3.69 0.00	47.47 -3.58 0.00	46.65 -3.53 0.00	44.98 -3.35 0.00	42.45 -3.65 0.00	43.67 -3.78 0.00	49.88 -5.27 0.00	46.22 -5.11 0.00	45.48 -4.77 0.05	48.80 -5.53 0.06	47.72 -4.83 0.00	42.21 -4.21 0.06	47.56 -4.69 0.07	48.66 -5.01 0.46	42.51 -4.74 4.53	37.83 -5.12 9.00	43.38 -5.91 9.56	39.92 -5.42 9.36	38.01 -5.71 9.80	35.82 -5.67 9.55	30.31 -4.94 9.01	28.96 -4.58 8.59	33.29 -4.68 8.59
V_CMM_10_SYNC_DSASP 323787	53.60 0.82 0.00	52.47 0.81 0.00	51.82 0.77 0.00	51.00 0.81 0.00	49.08 0.75 0.00	46.76 0.66 0.00	48.03 0.57 0.00	55.89 0.74 0.00	52.12 0.78 0.00	51.26 0.94 0.00	55.41 1.02 0.00	53.63 1.07 0.00	47.56 1.08 0.00	53.61 1.30 0.00	55.36 1.23 0.00	52.70 0.91 0.00	52.59 0.64 0.00	59.52 0.67 0.00	55.36 0.66 0.00	54.08 0.55 0.00	51.47 0.42 0.00	44.54 0.28 0.00	42.33 0.20 0.00	46.83 0.27 0.00
V_CMP_10_SYNC_DSASP 323788	53.23 0.45 0.00	52.15 0.49 0.00	51.53 0.49 0.00	50.71 0.52 0.00	48.83 0.50 0.00	46.59 0.49 0.00	48.09 0.64 0.00	56.23 1.08 0.00	52.72 1.39 0.00	52.04 1.73 0.00	56.42 2.02 0.00	54.57 2.02 0.00	48.44 1.97 0.00	54.79 2.48 0.00	56.64 2.51 0.00	53.64 1.86 0.00	53.02 1.07 0.00	60.09 1.24 0.00	55.70 1.01 0.00	54.25 0.72 0.00	51.69 0.64 0.00	44.66 0.40 0.00	42.25 0.12 0.00	46.81 0.25 0.00
V_D_10_SYNC_DSASP 323841	54.08 1.30 0.00	52.93 1.27 0.00	52.27 1.22 0.00	51.45 1.27 0.00	49.52 1.18 0.00	47.17 1.07 0.00	48.46 1.01 0.00	56.42 1.27 0.00	52.63 1.30 0.00	51.71 1.40 0.00	55.90 1.51 0.00	54.17 1.62 0.00	48.02 1.55 0.00	54.18 1.86 0.00	55.91 1.78 0.00	53.19 1.40 0.00	53.08 1.13 0.00	60.06 1.21 0.00	55.86 1.16 0.00	54.56 1.03 0.00	51.89 0.85 0.00	44.89 0.63 0.00	42.67 0.54 0.00	47.19 0.64 0.00
V_E_10_SYNC_DSASP 323830	52.54 -0.25 0.00	51.53 -0.13 0.00	51.07 0.02 0.00	50.21 0.02 0.00	48.61 0.28 0.00	46.90 0.81 0.00	48.78 1.32 0.00	58.28 3.13 0.00	55.01 3.67 0.00	53.80 3.48 -0.02	57.46 3.04 -0.02	54.89 2.34 0.00	48.28 1.78 -0.02	53.88 1.54 -0.02	55.41 1.13 -0.16	54.66 1.33 -1.55	55.80 0.78 -3.08	62.81 0.69 -3.27	58.40 0.51 -3.20	57.35 0.47 -3.35	54.67 0.37 -3.26	47.63 0.31 -3.06	45.15 0.10 -2.92	49.25 -0.24 -2.93

V_F_30_NSYNC___DSASP 323816	55.17 2.38 0.00	54.04 2.39 0.00	53.44 2.39 0.00	52.56 2.37 0.00	50.65 2.32 0.00	48.37 2.27 0.00	49.83 2.38 0.00	57.94 2.79 0.00	53.70 2.37 0.00	52.23 1.92 0.00	56.43 2.04 0.00	54.35 1.80 0.00	48.10 1.63 0.00	54.38 2.06 0.00	56.64 2.52 0.00	54.35 2.56 0.00	54.76 2.81 0.00	62.09 3.24 0.00	57.70 3.01 0.00	56.51 2.98 0.00	53.91 2.87 0.00	46.77 2.51 0.00	44.43 2.31 0.00	49.11 2.55 0.00
V_F_30_SYNC_DSASP 323786	54.54 1.76 0.00	53.46 1.81 0.00	52.83 1.78 0.00	51.97 1.78 0.00	50.03 1.70 0.00	47.69 1.60 0.00	48.76 1.30 0.00	56.68 1.53 0.00	52.71 1.38 0.00	51.49 1.18 0.00	55.89 1.50 0.00	53.85 1.30 0.00	47.59 1.11 0.00	53.31 1.00 0.00	55.27 1.14 0.00	53.05 1.27 0.00	53.44 1.50 0.00	60.59 1.74 0.00	56.28 1.59 0.00	55.24 1.71 0.00	52.78 1.74 0.00	45.88 1.62 0.00	43.92 1.80 0.00	48.76 2.21 0.00
V_XM_10_SYNC_DSASP 323789	53.23 0.45 0.00	52.15 0.49 0.00	51.53 0.49 0.00	50.71 0.52 0.00	48.83 0.50 0.00	46.59 0.49 0.00	48.09 0.64 0.00	56.23 1.08 0.00	52.72 1.39 0.00	52.04 1.73 0.00	56.42 2.02 0.00	54.57 2.02 0.00	48.44 1.97 0.00	54.79 2.48 0.00	56.64 2.51 0.00	53.64 1.86 0.00	53.02 1.07 0.00	60.09 1.24 0.00	55.70 1.01 0.00	54.25 0.72 0.00	51.69 0.64 0.00	44.66 0.40 0.00	42.25 0.12 0.00	46.81 0.25 0.00
W.BABYLN_69_KV_BK1 56697	57.24 4.45 0.00	55.83 4.18 0.00	55.03 3.99 0.00	53.88 3.69 0.00	51.84 3.50 0.00	49.61 3.51 0.00	51.04 3.59 0.00	59.16 4.01 0.00	54.87 3.54 0.00	54.16 3.85 0.00	58.43 4.03 0.00	56.50 3.95 0.00	49.55 3.07 0.00	55.64 3.33 0.00	57.92 3.79 0.00	82.57 4.25 -26.53	90.91 4.43 -34.53	68.96 4.66 -5.44	109.57 4.65 -50.23	98.42 4.74 -40.16	106.15 4.93 -50.18	73.54 4.32 -24.96	85.99 4.27 -39.59	51.56 4.40 -0.61
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	55.24 2.46 0.00	53.99 2.34 0.00	53.34 2.29 0.00	52.33 2.14 0.00	50.38 2.05 0.00	48.10 2.01 0.00	49.58 2.12 0.00	57.51 2.36 0.00	53.44 2.11 0.00	52.42 2.11 0.00	56.85 2.45 0.00	54.82 2.27 0.00	48.37 1.89 0.00	54.16 1.85 0.00	56.14 2.01 0.00	53.99 2.21 0.00	54.44 2.50 0.00	61.85 2.99 0.00	57.51 2.82 0.00	56.48 2.96 0.00	54.01 2.97 0.00	46.93 2.66 0.00	44.70 2.58 0.00	49.23 2.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	55.66 2.88 0.00	54.37 2.71 0.00	53.68 2.63 0.00	52.58 2.39 0.00	50.59 2.26 0.00	48.33 2.23 0.00	49.82 2.36 0.00	57.81 2.65 0.00	53.73 2.40 0.00	52.79 2.48 0.00	57.29 2.89 0.00	55.29 2.74 0.00	48.76 2.28 0.00	54.59 2.28 0.00	56.62 2.49 0.00	54.45 2.66 0.00	54.90 2.96 0.00	62.29 3.44 0.00	57.93 3.23 0.00	56.91 3.39 0.00	54.44 3.39 0.00	47.29 3.02 0.00	45.05 2.92 0.00	49.58 3.02 0.00
W50THST__13_KV_LOAD 356117	55.98 3.19 0.00	54.66 3.00 0.00	53.95 2.90 0.00	52.84 2.66 0.00	50.86 2.53 0.00	48.58 2.48 0.00	50.09 2.64 0.00	58.09 2.94 0.00	54.01 2.68 0.00	53.08 2.77 0.00	57.65 3.26 0.00	55.66 3.11 0.00	49.10 2.63 0.00	54.98 2.66 0.00	57.00 2.88 0.00	54.82 3.04 0.00	55.27 3.32 0.00	62.69 3.83 0.00	58.29 3.59 0.00	57.26 3.74 0.00	54.76 3.72 0.00	47.58 3.31 0.00	45.31 3.19 0.00	49.86 3.31 0.00
WADING RIVER_IC_1 23522	57.44 4.66 0.00	56.07 4.41 0.00	55.26 4.21 0.00	54.10 3.91 0.00	52.04 3.70 0.00	49.85 3.76 0.00	51.31 3.85 0.00	59.47 4.32 0.00	55.12 3.79 0.00	54.34 4.03 0.00	58.54 4.15 0.00	56.58 4.03 0.00	49.66 3.19 0.00	55.72 3.40 0.00	57.76 3.63 0.00	80.33 4.20 -24.34	87.81 4.18 -31.68	67.66 3.81 -4.99	104.69 3.91 -46.08	94.61 4.24 -36.84	101.65 4.57 -46.04	71.23 4.07 -22.91	82.85 4.40 -36.33	51.64 4.53 -0.56
WADING RIVER_IC_2 23547	57.44 4.66 0.00	56.07 4.41 0.00	55.26 4.21 0.00	54.10 3.91 0.00	52.04 3.70 0.00	49.85 3.76 0.00	51.31 3.85 0.00	59.47 4.32 0.00	55.12 3.79 0.00	54.34 4.03 0.00	58.54 4.15 0.00	56.58 4.03 0.00	49.66 3.19 0.00	55.72 3.40 0.00	57.76 3.63 0.00	80.33 4.20 -24.34	87.81 4.18 -31.68	67.66 3.81 -4.99	104.69 3.91 -46.08	94.61 4.24 -36.84	101.65 4.57 -46.04	71.23 4.07 -22.91	82.85 4.40 -36.33	51.64 4.53 -0.56
WADING RIVER_IC_3 23601	57.44 4.66 0.00	56.07 4.41 0.00	55.26 4.21 0.00	54.10 3.91 0.00	52.04 3.70 0.00	49.85 3.76 0.00	51.31 3.85 0.00	59.47 4.32 0.00	55.12 3.79 0.00	54.34 4.03 0.00	58.54 4.15 0.00	56.58 4.03 0.00	49.66 3.19 0.00	55.72 3.40 0.00	57.76 3.63 0.00	80.33 4.20 -24.34	87.81 4.18 -31.68	67.66 3.81 -4.99	104.69 3.91 -46.08	94.61 4.24 -36.84	101.65 4.57 -46.04	71.23 4.07 -22.91	82.85 4.40 -36.33	51.64 4.53 -0.56
WALDENNY_12_KV_BK2 80841	49.93 -2.85 0.00	48.75 -2.91 0.00	48.32 -2.73 0.00	47.53 -2.66 0.00	45.95 -2.39 0.00	43.38 -2.72 0.00	44.74 -2.72 0.00	50.92 -4.24 0.00	47.09 -4.25 0.00	46.25 -3.97 0.10	49.46 -4.82 0.12	48.53 -4.02 0.00	42.78 -3.58 0.11	48.23 -3.95 0.13	48.91 -4.35 0.87	39.12 -4.06 8.60	30.32 -4.53 17.10	35.44 -5.27 18.15	32.18 -4.74 17.78	29.82 -5.09 18.62	27.80 -5.15 18.10	22.82 -4.55 16.90	21.80 -4.15 16.17	26.08 -4.16 16.31
WALDEN__HYDRO 24148	55.14 2.36 0.00	53.90 2.24 0.00	53.24 2.19 0.00	52.25 2.07 0.00	50.30 1.96 0.00	48.03 1.94 0.00	49.51 2.05 0.00	57.47 2.32 0.00	53.42 2.09 0.00	52.32 2.02 0.00	56.70 2.31 0.00	54.79 2.24 0.00	48.28 1.80 0.00	54.03 1.72 0.00	56.12 1.99 0.00	53.99 2.21 0.00	54.48 2.54 0.00	61.89 3.03 0.00	57.52 2.83 0.00	56.46 2.93 0.00	53.97 2.93 0.00	46.87 2.61 0.00	44.62 2.49 0.00	49.13 2.58 0.00
WARRENSBURG____ 23737	55.04 2.26 0.00	53.95 2.29 0.00	53.36 2.32 0.00	52.51 2.32 0.00	50.64 2.31 0.00	48.36 2.26 0.00	49.84 2.38 0.00	58.02 2.86 0.00	53.67 2.34 0.00	52.05 1.73 0.00	56.18 1.79 0.00	54.09 1.53 0.00	47.85 1.38 0.00	54.28 1.96 0.00	56.73 2.60 0.00	54.40 2.62 0.00	54.88 2.93 0.00	62.23 3.38 0.00	57.80 3.10 0.00	56.59 3.07 0.00	53.87 2.82 0.00	46.77 2.50 0.00	44.34 2.22 0.00	48.98 2.42 0.00
WATERSIDE____6 8 9 23538	55.81 3.03 0.00	54.53 2.87 0.00	53.81 2.77 0.00	52.74 2.56 0.00	50.75 2.41 0.00	48.46 2.36 0.00	49.90 2.44 0.00	57.82 2.67 0.00	53.82 2.48 0.00	52.95 2.64 0.00	57.43 3.04 0.00	55.55 3.00 0.00	48.95 2.48 0.00	54.79 2.47 0.00	56.79 2.67 0.00	54.62 2.83 0.00	55.00 3.06 0.00	62.38 3.53 0.00	58.08 3.39 0.00	57.07 3.54 0.00	54.62 3.58 0.00	47.45 3.19 0.00	45.21 3.08 0.00	49.72 3.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	53.76 0.98 0.00	52.64 0.98 0.00	52.04 0.99 0.00	51.15 0.97 0.00	49.28 0.95 0.00	47.09 0.99 0.00	48.60 1.15 0.00	56.65 1.50 0.00	52.65 1.31 0.00	51.23 0.92 0.00	55.27 0.87 0.00	53.21 0.65 0.00	46.96 0.49 0.00	53.33 1.01 0.00	55.34 1.21 0.00	53.03 1.25 0.00	53.27 1.32 0.00	60.36 1.50 0.00	56.10 1.41 0.00	54.94 1.42 0.00	52.47 1.43 0.00	45.59 1.33 0.00	43.28 1.15 0.00	47.72 1.17 0.00

WDELAWARE___HYD 323627	55.19 2.41 0.00	53.89 2.23 0.00	53.22 2.17 0.00	52.27 2.08 0.00	50.32 1.98 0.00	48.07 1.97 0.00	49.59 2.13 0.00	57.57 2.41 0.00	53.49 2.16 0.00	52.29 1.98 0.00	56.82 2.42 0.00	54.98 2.42 0.00	48.48 2.00 0.00	54.10 1.79 0.00	56.44 2.31 0.00	54.29 2.51 0.00	54.84 2.89 0.00	62.30 3.45 0.00	57.91 3.21 0.00	56.79 3.26 0.00	54.25 3.21 0.00	47.06 2.79 0.00	44.75 2.62 0.00	49.23 2.67 0.00
WEST BABYLON___IC 23714	57.24 4.45 0.00	55.83 4.18 0.00	55.03 3.99 0.00	53.88 3.69 0.00	51.84 3.50 0.00	49.61 3.51 0.00	51.04 3.59 0.00	59.16 4.01 0.00	54.87 3.54 0.00	54.16 3.85 0.00	58.43 4.03 0.00	56.50 3.95 0.00	49.55 3.07 0.00	55.64 3.33 0.00	57.92 3.79 0.00	82.57 4.25 -26.53	90.91 4.43 -34.53	68.96 4.66 -5.44	109.57 4.65 -50.23	98.42 4.74 -40.16	106.15 4.93 -50.18	73.54 4.32 -24.96	85.99 4.27 -39.59	51.56 4.40 -0.61
WEST CANADA___HYD 24049	52.82 0.03 0.00	51.69 0.03 0.00	51.10 0.05 0.00	50.22 0.03 0.00	48.38 0.05 0.00	46.15 0.05 0.00	47.54 0.08 0.00	55.32 0.16 0.00	51.47 0.13 0.00	50.38 0.07 0.00	54.47 0.08 0.00	52.60 0.05 0.00	46.47 -0.01 0.00	52.34 0.03 0.00	54.18 0.06 0.00	51.84 0.06 0.00	52.04 0.09 0.00	58.96 0.10 0.00	54.78 0.08 0.00	53.64 0.11 0.00	51.15 0.11 0.00	44.40 0.13 0.00	42.25 0.13 0.00	46.69 0.14 0.00
WESTERN_NY_WIND 24143	50.81 -1.97 0.00	49.60 -2.05 0.00	49.08 -1.97 0.00	48.22 -1.97 0.00	46.54 -1.80 0.00	43.97 -2.13 0.00	45.28 -2.17 0.00	51.78 -3.38 0.00	48.07 -3.26 0.00	47.26 -3.00 0.05	49.99 -4.33 0.07	49.33 -3.23 0.00	43.82 -2.60 0.06	49.30 -2.94 0.08	50.53 -3.10 0.49	44.09 -2.81 4.89	39.12 -3.12 9.71	44.99 -3.56 10.31	41.39 -3.21 10.09	39.36 -3.60 10.57	37.04 -3.75 10.25	31.43 -3.34 9.49	29.91 -3.10 9.11	34.18 -3.11 9.26
WESTOVER___LESR 323668	51.81 -0.97 0.00	50.65 -1.00 0.00	50.17 -0.88 0.00	49.25 -0.94 0.00	47.47 -0.86 0.00	45.24 -0.86 0.00	46.85 -0.61 0.00	54.21 -0.94 0.00	50.29 -1.05 0.00	49.20 -1.11 0.00	53.14 -1.26 0.00	51.33 -1.22 0.00	45.31 -1.16 0.00	51.12 -1.19 0.00	52.71 -1.42 0.00	50.61 -1.17 0.00	50.72 -1.23 0.00	57.39 -1.46 0.00	53.41 -1.28 0.00	52.26 -1.27 0.00	49.76 -1.28 0.00	43.13 -1.13 0.00	41.07 -1.06 0.00	45.35 -1.20 0.00
WETHRSFD_WT_PWR 323626	48.24 -4.54 0.00	47.19 -4.47 0.00	46.97 -4.08 0.00	46.43 -3.75 0.00	45.29 -3.05 0.00	43.23 -2.87 0.00	45.00 -2.46 0.00	51.42 -3.73 0.00	47.06 -4.27 0.00	45.63 -4.33 0.35	48.43 -5.53 0.44	47.69 -4.86 0.00	41.48 -4.58 0.41	46.44 -5.40 0.48	44.96 -6.02 3.15	14.99 -5.63 31.16	-15.98 -5.98 61.95	-13.72 -6.84 65.73	-15.88 -6.20 64.38	-20.17 -6.26 67.44	-20.78 -6.19 65.64	-22.73 -5.37 61.63	-21.52 -4.81 58.84	-17.77 -5.26 59.07
WHAVSTOR_138KV_BK127 55557	55.03 2.25 0.00	53.79 2.13 0.00	53.13 2.09 0.00	52.13 1.94 0.00	50.18 1.85 0.00	47.92 1.82 0.00	49.38 1.93 0.00	57.27 2.11 0.00	53.23 1.89 0.00	52.21 1.91 0.00	56.63 2.23 0.00	54.60 2.05 0.00	48.18 1.70 0.00	53.95 1.64 0.00	55.92 1.79 0.00	53.76 1.98 0.00	54.22 2.27 0.00	61.57 2.71 0.00	57.26 2.56 0.00	56.23 2.70 0.00	53.79 2.74 0.00	46.74 2.47 0.00	44.53 2.41 0.00	49.05 2.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	55.03 2.25 0.00	53.79 2.13 0.00	53.13 2.09 0.00	52.13 1.94 0.00	50.18 1.85 0.00	47.92 1.82 0.00	49.38 1.93 0.00	57.27 2.11 0.00	53.23 1.89 0.00	52.21 1.91 0.00	56.63 2.23 0.00	54.60 2.05 0.00	48.18 1.70 0.00	53.95 1.64 0.00	55.92 1.79 0.00	53.76 1.98 0.00	54.22 2.27 0.00	61.57 2.71 0.00	57.26 2.56 0.00	56.23 2.70 0.00	53.79 2.74 0.00	46.74 2.47 0.00	44.53 2.41 0.00	49.05 2.50 0.00
WHITEHAL_115KV_TB1 80871	56.30 3.52 0.00	55.15 3.49 0.00	54.58 3.53 0.00	53.89 3.70 0.00	51.97 3.63 0.00	49.62 3.52 0.00	51.44 3.99 0.00	59.92 4.76 0.00	54.85 3.52 0.00	52.75 2.44 0.00	56.90 2.51 0.00	54.64 2.08 0.00	48.96 2.48 0.00	55.71 3.40 0.00	58.97 4.84 0.00	56.53 4.74 0.00	57.07 5.12 0.00	64.57 5.72 0.00	60.18 5.49 0.00	58.95 5.43 0.00	55.65 4.60 0.00	48.24 3.97 0.00	45.48 3.36 0.00	50.16 3.60 0.00
WHITEPLN_13_KV_LOAD 356215	55.86 3.08 0.00	54.57 2.91 0.00	53.89 2.84 0.00	52.84 2.65 0.00	50.87 2.53 0.00	48.58 2.48 0.00	50.09 2.64 0.00	58.13 2.98 0.00	54.05 2.72 0.00	53.04 2.73 0.00	57.54 3.14 0.00	55.52 2.97 0.00	48.95 2.48 0.00	54.81 2.50 0.00	56.86 2.73 0.00	54.70 2.91 0.00	55.18 3.23 0.00	62.66 3.80 0.00	58.27 3.58 0.00	57.23 3.70 0.00	54.73 3.68 0.00	47.51 3.24 0.00	45.25 3.13 0.00	49.81 3.26 0.00
WM_FLOYD_69_KV_BK2 356380	57.43 4.65 0.00	56.05 4.40 0.00	55.25 4.20 0.00	54.09 3.90 0.00	52.03 3.69 0.00	49.83 3.74 0.00	51.30 3.85 0.00	59.45 4.30 0.00	54.32 3.76 0.00	58.50 4.11 0.00	56.53 3.97 0.00	49.62 3.14 0.00	55.68 3.36 0.00	57.87 3.74 0.00	80.50 4.33 -24.38	88.10 4.41 -31.74	68.19 4.33 -5.00	105.25 4.38 -46.16	95.05 4.61 -36.91	102.08 4.91 -46.12	71.54 4.33 -22.95	82.99 4.48 -36.39	51.72 4.61 -0.56	
WOODARD__115KV_TB2 355635	51.34 -1.44 0.00	50.21 -1.45 0.00	49.63 -1.41 0.00	48.76 -1.43 0.00	46.98 -1.36 0.00	44.80 -1.30 0.00	46.20 -1.26 0.00	53.64 -1.52 0.00	49.88 -1.45 0.00	48.87 -1.44 0.00	52.76 -1.64 0.00	50.96 -1.59 0.00	45.09 -1.39 0.00	50.83 -1.48 0.00	52.50 -1.63 0.00	50.31 -1.48 0.00	50.50 -1.45 0.00	57.19 -1.66 0.00	53.15 -1.55 0.00	51.96 -1.56 0.00	49.50 -1.54 0.00	42.90 -1.36 0.00	40.83 -1.29 0.00	45.11 -1.45 0.00
WOODMERE_69_KV_BK1 55827	56.40 3.62 0.00	55.05 3.39 0.00	54.26 3.21 0.00	53.17 2.98 0.00	51.16 2.83 0.00	48.94 2.84 0.00	50.40 2.94 0.00	58.44 3.29 0.00	54.28 2.95 0.00	53.43 3.12 0.00	57.93 3.54 0.00	56.06 3.51 0.00	49.27 2.80 0.00	55.31 3.00 0.00	57.51 3.38 0.00	99.06 3.68 -43.59	112.55 3.86 -56.74	72.09 4.30 -8.94	141.44 4.21 -82.53	123.73 4.22 -65.98	137.78 4.29 -82.45	89.18 3.90 -41.02	110.94 3.76 -65.05	51.45 3.90 -1.00
YORK___WARBASSE 23770	55.83 3.05 0.00	54.53 2.88 0.00	53.83 2.79 0.00	52.77 2.58 0.00	50.78 2.44 0.00	48.49 2.40 0.00	49.96 2.50 0.00	57.93 2.77 0.00	53.93 2.60 0.00	53.04 2.73 0.00	57.40 3.01 0.00	55.49 2.94 0.00	48.89 2.41 0.00	54.70 2.39 0.00	56.71 2.58 0.00	54.56 2.77 0.00	54.98 3.03 0.00	62.37 3.51 0.00	58.14 3.44 0.00	57.12 3.59 0.00	54.68 3.64 0.00	47.49 3.23 0.00	45.21 3.09 0.00	49.73 3.18 0.00