

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion									
Generator Data		12/16/2024																								
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
59TH STREET_GT_1	24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
		47.90	45.04	43.46	44.94	44.92	46.92	54.78	57.92	58.58	60.34	58.58	58.40	57.59	57.75	57.15	58.69	59.25	66.76	62.39	58.17	55.56	48.47	45.59	41.77	
		2.84	2.43	2.38	2.30	2.30	2.44	3.05	3.49	3.98	4.44	4.04	4.08	3.97	3.88	3.99	4.20	4.54	5.14	4.73	4.41	4.21	3.63	3.34	2.84	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.42	-2.61	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_1	24260	47.85	45.00	43.42	44.90	44.88	46.88	54.52	57.97	58.69	60.45	58.42	58.07	57.27	57.53	56.83	58.47	58.92	66.38	62.17	57.79	55.30	48.43	45.55	41.81	
		2.79	2.39	2.34	2.26	2.26	2.40	2.79	3.54	4.09	4.55	3.87	3.75	3.65	3.66	3.67	3.98	4.21	4.75	4.51	4.03	3.95	3.59	3.30	2.88	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.43	-2.61	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_2	24261	47.85	45.00	43.42	44.90	44.88	46.88	54.52	57.97	58.69	60.45	58.42	58.07	57.27	57.53	56.83	58.47	58.92	66.38	62.17	57.79	55.30	48.43	45.55	41.81	
		2.79	2.39	2.34	2.26	2.26	2.40	2.79	3.54	4.09	4.55	3.87	3.75	3.65	3.66	3.67	3.98	4.21	4.75	4.51	4.03	3.95	3.59	3.30	2.88	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.43	-2.61	0.00	0.00	0.00	0.00	0.00	
ADK HUDSON__FALLS	24011	46.91	44.45	42.81	44.17	44.28	46.66	54.58	57.87	58.69	60.47	58.15	57.85	57.00	56.88	56.14	57.71	58.05	67.29	62.23	56.93	54.27	47.22	44.49	40.83	
		1.85	1.83	1.73	1.53	1.66	2.18	2.85	3.43	4.09	4.23	3.60	3.53	3.38	3.02	2.98	3.21	3.34	3.48	3.69	3.17	2.93	2.38	2.24	1.91	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.61	-3.50	0.00	0.00	0.00	0.00	0.00	
ADK RESOURCE__RCVRY	23798	46.95	44.49	42.89	44.22	44.32	46.75	54.73	57.87	58.75	60.52	58.31	58.01	57.16	56.99	56.30	57.87	58.21	67.62	62.39	57.10	54.42	47.30	44.53	40.83	
		1.89	1.87	1.81	1.58	1.71	2.27	3.00	3.43	4.15	4.28	3.76	3.70	3.54	3.12	3.14	3.38	3.50	3.81	3.85	3.33	3.08	2.46	2.28	1.91	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.61	-3.50	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS__FALLS	24028	46.91	44.45	42.81	44.17	44.28	46.66	54.58	57.87	58.69	60.47	58.15	57.85	57.00	56.88	56.14	57.71	58.05	67.29	62.23	56.93	54.27	47.22	44.49	40.83	
		1.85	1.83	1.73	1.53	1.66	2.18	2.85	3.43	4.09	4.23	3.60	3.53	3.38	3.02	2.98	3.21	3.34	3.48	3.69	3.17	2.93	2.38	2.24	1.91	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.61	-3.50	0.00	0.00	0.00	0.00	0.00	
ADK_NYS__DAM	23527	47.90	45.21	43.59	45.15	45.17	47.24	55.04	57.97	58.42	60.20	58.14	57.90	57.10	57.26	56.57	58.09	58.54	67.84	62.60	57.63	54.99	47.93	45.21	41.57	
		2.84	2.60	2.51	2.51	2.56	2.76	3.31	3.54	3.82	4.00	3.60	3.58	3.48	3.40	3.41	3.60	3.83	4.31	4.18	3.87	3.65	3.09	2.96	2.65	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.32	-3.38	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS__DRP	24190	46.64	44.11	42.56	44.09	44.11	46.04	53.13	56.07	56.51	58.18	56.07	55.84	55.12	55.38	54.70	56.18	56.51	65.48	60.38	55.54	52.94	46.36	43.99	40.52	
		1.58	1.49	1.48	1.45	1.49	1.56	1.40	1.63	1.91	1.98	1.53	1.52	1.50	1.51	1.54	1.69	1.81	1.88	1.93	1.77	1.59	1.52	1.73	1.60	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.40	-3.41	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	355683	45.47	43.08	41.49	43.11	43.00	44.83	52.25	54.60	54.49	54.71	54.65	54.00	54.30	53.54	54.82	54.76	54.71	54.66	53.60	51.24	44.66	42.04	38.73		
		0.41	0.47	0.41	0.47	0.38	0.36	0.52	0.16	0.00	-0.38	0.16	0.33	0.38	0.43	0.37	0.33	0.05	-0.50	-0.39	-0.16	-0.10	-0.18	-0.21	-0.19	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.00	44.49	42.89	44.43	44.41	46.39	55.92	58.30	58.97	60.15	57.98	57.63	56.95	57.32	56.73	58.63	59.14	65.68	60.69	55.80	53.29	46.72	44.24	40.76	
		1.94	1.87	1.81	1.79	1.79	1.91	4.19	3.87	4.37	4.00	3.44	3.31	3.33	3.45	3.56	4.14	4.43	2.26	2.31	2.04	1.95	1.88	1.99	1.83	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.21	-3.34	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR	323834	47.00	44.45	42.85	44.39	44.41	46.35	55.92	58.30	58.97	60.15	57.98	57.63	56.95	57.32	56.73	58.63	59.14	65.69	60.69	55.80	53.29	46.72	44.20	40.76	
		1.94	1.83	1.77	1.75	1.79	1.87	4.19	3.87	4.37	4.00	3.44	3.31	3.33	3.45	3.56	4.14	4.43	2.26	2.31	2.04	1.95	1.88	1.94	1.83	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.21	-3.34	0.00	0.00	0.00	0.00	0.00	
ALBANY__1	23571	46.64	44.11	42.56	44.09	44.11	46.04	53.13	56.07	56.51	58.18	56.07	55.84	55.12	55.38	54.70	56.18	56.51	65.48	60.38	55.54	52.94	46.36	43.99	40.52	
		1.58	1.49	1.48	1.45	1.49	1.56	1.40	1.63	1.91	1.98	1.53	1.52	1.50	1.51	1.54	1.69	1.81	1.88	1.93	1.77	1.59	1.52	1.73	1.60	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.40	-3.41	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	46.64 1.58 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.04 1.56 0.00	53.13 1.40 0.00	56.07 1.63 0.00	56.51 1.91 0.00	58.18 1.98 -1.33	56.07 1.53 0.00	55.84 1.52 0.00	55.12 1.50 0.00	55.38 1.51 0.00	54.70 1.54 0.00	56.18 1.69 0.00	56.51 1.81 0.00	65.48 1.88 -8.40	60.38 1.93 -3.41	55.54 1.77 0.00	52.94 1.59 0.00	46.36 1.52 0.00	43.99 1.73 0.00	40.52 1.60 0.00
ALBANY___3 23573	46.64 1.58 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.04 1.56 0.00	53.13 1.40 0.00	56.07 1.63 0.00	56.51 1.91 0.00	58.18 1.98 -1.33	56.07 1.53 0.00	55.84 1.52 0.00	55.12 1.50 0.00	55.38 1.51 0.00	54.70 1.54 0.00	56.18 1.69 0.00	56.51 1.81 0.00	65.48 1.88 -8.40	60.38 1.93 -3.41	55.54 1.77 0.00	52.94 1.59 0.00	46.36 1.52 0.00	43.99 1.73 0.00	40.52 1.60 0.00
ALBANY___4 23574	46.64 1.58 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.04 1.56 0.00	53.13 1.40 0.00	56.07 1.63 0.00	56.51 1.91 0.00	58.18 1.98 -1.33	56.07 1.53 0.00	55.84 1.52 0.00	55.12 1.50 0.00	55.38 1.51 0.00	54.70 1.54 0.00	56.18 1.69 0.00	56.51 1.81 0.00	65.48 1.88 -8.40	60.38 1.93 -3.41	55.54 1.77 0.00	52.94 1.59 0.00	46.36 1.52 0.00	43.99 1.73 0.00	40.52 1.60 0.00
ALBANY___LFGE 323615	46.95 1.89 0.00	44.36 1.75 0.00	42.81 1.73 0.00	44.30 1.66 0.00	44.32 1.71 0.00	46.30 1.82 0.00	53.23 1.50 0.00	55.96 1.52 0.00	56.40 1.80 0.00	58.14 1.92 -1.35	56.13 1.58 0.00	55.90 1.58 0.00	55.23 1.61 0.00	55.43 1.56 0.00	54.81 1.65 0.00	56.23 1.74 0.00	56.62 1.91 0.00	65.83 2.15 -8.47	60.57 2.09 -3.44	55.59 1.83 0.00	53.04 1.69 0.00	46.68 1.84 0.00	44.28 2.03 0.00	40.76 1.83 0.00
ALCOA_PA_115KV_PL-6C 55860	45.56 0.50 0.00	43.21 0.60 0.00	41.62 0.53 0.00	43.23 0.60 0.00	43.09 0.47 0.00	44.92 0.44 0.00	52.35 0.62 0.00	54.76 0.33 0.00	54.76 0.16 0.00	54.65 -0.22 0.00	54.87 0.33 0.00	54.81 0.49 0.00	54.16 0.54 0.00	54.46 0.59 0.00	53.69 0.53 0.00	54.98 0.49 0.00	54.87 0.16 0.00	54.87 -0.33 0.00	54.77 -0.28 0.00	53.76 0.00 0.00	51.34 0.00 0.00	44.75 -0.09 0.00	42.13 -0.13 0.00	38.85 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	45.56 0.50 0.00	43.21 0.60 0.00	41.62 0.53 0.00	43.23 0.60 0.00	43.09 0.47 0.00	44.92 0.44 0.00	52.35 0.62 0.00	54.76 0.33 0.00	54.76 0.16 0.00	54.65 -0.22 0.00	54.87 0.33 0.00	54.81 0.49 0.00	54.16 0.54 0.00	54.46 0.59 0.00	53.69 0.53 0.00	54.98 0.49 0.00	54.87 0.16 0.00	54.87 -0.33 0.00	54.77 -0.28 0.00	53.76 0.00 0.00	51.34 0.00 0.00	44.75 -0.09 0.00	42.13 -0.13 0.00	38.85 -0.08 0.00
ALCOA___DSASP 323711	45.56 0.50 0.00	43.21 0.60 0.00	41.61 0.53 0.00	43.23 0.60 0.00	43.09 0.47 0.00	44.92 0.44 0.00	52.35 0.62 0.00	55.04 0.60 0.00	55.03 0.43 0.00	54.93 0.05 0.00	54.98 0.43 0.00	54.81 0.49 0.00	54.16 0.54 0.00	54.46 0.59 0.00	53.69 0.53 0.00	55.04 0.54 0.00	54.87 0.16 0.00	54.76 -0.44 0.00	54.77 -0.27 0.00	53.76 0.00 0.00	51.34 0.00 0.00	44.75 -0.09 0.00	42.13 -0.13 0.00	38.85 -0.08 0.00
ALLEGHENY___COGEN 23514	43.89 -1.17 0.00	41.72 -0.90 0.00	40.34 -0.74 0.00	41.95 -0.68 0.00	42.06 -0.56 0.00	44.21 -0.27 0.00	51.63 -0.10 0.00	53.84 -0.60 0.00	53.34 -1.25 0.00	54.28 -1.70 -1.11	52.42 -2.13 0.00	52.20 -2.12 0.00	51.42 -2.20 0.00	51.73 -2.16 -0.02	51.06 -2.13 -0.02	50.40 -4.09 0.00	58.99 -3.77 -8.06	64.25 -2.87 -11.92	81.38 -3.19 -29.53	74.72 -3.33 -24.29	84.37 -3.23 -36.26	43.40 -1.48 -0.04	40.74 -1.52 0.00	37.91 -1.01 0.00
ALTAMONT_115KV_TB 2 55880	46.46 1.40 0.00	43.89 1.28 0.00	42.36 1.27 0.00	43.92 1.28 0.00	43.90 1.28 0.00	45.81 1.33 0.00	53.18 1.45 0.00	56.12 1.69 0.00	56.51 1.91 0.00	58.18 1.98 -1.33	56.18 1.64 0.00	55.89 1.58 0.00	55.12 1.50 0.00	55.38 1.51 0.00	54.70 1.54 0.00	56.18 1.69 0.00	56.51 1.81 0.00	65.65 2.04 -8.40	60.43 1.98 -3.41	55.59 1.83 0.00	53.04 1.69 0.00	46.32 1.48 0.00	43.78 1.52 0.00	40.29 1.36 0.00
ALTONA_WT_PWR 323606	45.87 0.81 0.00	43.60 0.98 0.00	41.98 0.90 0.00	43.62 0.98 0.00	43.47 0.85 0.00	45.28 0.80 0.00	52.92 1.19 0.00	55.69 1.25 0.00	55.58 0.98 0.00	55.31 0.44 0.00	55.42 0.87 0.00	55.51 1.19 0.00	54.85 1.23 0.00	55.21 1.35 0.00	54.23 1.06 0.00	55.47 0.98 0.00	55.04 0.33 0.00	54.71 -0.50 0.00	54.44 -0.60 0.00	53.22 -0.54 0.00	50.78 -0.56 0.00	43.94 -0.90 0.00	41.03 -1.23 0.00	37.56 -1.36 0.00
AMERICAN_REF_FUEL 24010	40.01 -5.05 0.00	38.14 -4.47 0.00	36.89 -4.19 0.00	38.37 -4.26 0.00	38.48 -4.13 0.00	40.17 -4.31 0.00	46.40 -5.33 0.00	47.14 -7.29 0.00	46.90 -7.70 0.01	47.17 -7.63 0.08	46.69 -7.85 0.01	46.54 -7.77 0.01	45.89 -7.72 0.01	46.26 -7.59 0.01	45.39 -7.76 0.01	46.25 -8.23 0.01	44.48 -8.26 1.96	46.01 -7.56 1.63	40.61 -7.76 6.67	40.16 -7.69 5.91	35.33 -7.19 8.82	38.51 -6.32 0.01	36.63 -5.62 0.00	34.72 -4.20 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.87 -4.19 0.00	38.91 -3.71 0.00	37.71 -3.37 0.00	39.36 -3.28 0.00	39.51 -3.11 0.00	41.36 -3.11 0.00	48.06 -3.67 0.00	49.16 -5.28 0.00	48.75 -5.84 0.01	48.99 -5.82 0.06	48.54 -6.00 0.01	48.12 -6.19 0.01	47.40 -6.22 0.01	47.66 -6.19 0.01	46.61 -6.54 0.01	47.35 -7.14 0.01	45.48 -7.22 2.01	47.95 -5.69 1.57	41.12 -6.94 6.98	40.61 -6.94 6.22	35.54 -6.52 9.28	38.82 -6.01 0.01	36.93 -5.33 0.00	35.11 -3.81 0.00
ARTHUR KILL_GT_1 23520	48.17 3.11 0.00	45.17 2.56 0.00	43.59 2.51 0.00	45.02 2.39 0.00	44.92 2.30 0.00	46.83 2.36 0.00	53.85 2.12 0.00	55.65 2.39 1.17	55.65 2.95 1.89	55.76 3.46 2.57	55.71 3.00 1.84	55.65 3.04 1.71	55.77 3.00 0.86	55.71 2.91 1.06	55.66 3.03 0.53	55.82 3.27 1.94	56.06 3.67 2.31	65.06 4.36 -5.50	60.74 4.02 -1.68	56.63 3.66 0.79	55.08 3.75 0.01	48.56 3.72 0.00	45.72 3.47 0.00	41.96 3.04 0.00
ARTHUR_KILL_2 23512	48.03 2.97 0.00	45.04 2.43 0.00	43.46 2.38 0.00	44.90 2.26 0.00	44.83 2.21 0.00	46.70 2.22 0.00	53.70 1.97 0.00	55.49 2.23 1.17	55.49 2.78 1.89	55.60 3.29 2.57	55.54 2.83 1.84	55.54 2.93 1.71	55.60 2.84 0.86	55.55 2.75 1.06	55.50 2.87 0.53	55.65 3.10 1.94	55.90 3.50 2.31	64.85 4.14 -5.50	60.52 3.80 -1.68	56.41 3.44 0.79	54.88 3.54 0.01	48.38 3.54 0.00	45.59 3.34 0.00	41.85 2.92 0.00
ARTHUR_KILL_3 23513	47.40 2.34 0.00	44.58 1.96 0.00	43.01 1.93 0.00	44.47 1.83 0.00	44.41 1.79 0.00	46.39 1.91 0.00	54.10 2.38 0.01	55.99 2.72 1.17	55.99 3.28 1.89	55.99 3.68 2.56	55.99 3.27 1.83	55.99 3.37 1.70	55.99 3.22 0.85	55.99 3.18 1.05	55.99 3.35 0.52	55.99 3.44 1.94	56.13 3.72 2.31	65.02 4.31 -5.50	60.70 3.97 -1.69	56.74 3.76 0.78	54.99 3.65 0.00	47.98 3.14 0.00	45.17 2.91 0.00	41.38 2.45 0.00

ARTHUR_KILL_COGEN 323718	48.17 3.11 0.00	45.17 2.56 0.00	43.59 2.51 0.00	45.02 2.39 0.00	44.92 2.30 0.00	46.83 2.36 0.00	53.85 2.12 0.00	55.65 2.39 1.17	55.65 2.95 1.89	55.76 3.46 2.57	55.71 3.00 1.84	55.65 3.04 1.71	55.77 3.00 0.86	55.71 2.91 1.06	55.66 3.03 0.53	55.82 3.27 1.94	56.06 3.67 2.31	65.06 4.36 -5.50	60.74 4.02 -1.68	56.63 3.66 0.79	55.08 3.75 0.01	48.56 3.72 0.00	45.72 3.47 0.00	41.96 3.04 0.00
ASHOKAN____ 23654	48.31 3.25 0.00	45.81 3.20 0.00	44.08 3.00 0.00	45.71 3.07 0.00	45.60 2.98 0.00	47.55 3.07 0.00	55.97 4.24 0.00	58.52 4.08 0.00	59.13 4.53 0.00	60.44 4.39 -1.18	58.64 4.09 0.00	58.28 3.96 0.00	57.37 3.75 0.00	57.75 3.88 0.00	57.04 3.88 0.00	58.96 4.47 0.00	59.74 5.03 0.00	66.75 4.09 -7.46	63.52 5.45 -3.03	58.54 4.78 0.00	55.71 4.36 0.00	47.89 3.05 0.00	45.38 3.13 0.00	41.65 2.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.58 2.52 0.00	44.70 2.09 0.00	43.14 2.05 0.00	44.56 1.92 0.00	44.45 1.83 0.00	46.25 1.78 0.01	53.79 2.07 0.01	56.88 2.45 0.01	57.59 3.00 0.01	59.35 3.46 -1.01	57.54 3.00 0.01	57.41 3.09 0.01	56.61 3.00 0.01	56.77 2.91 0.01	56.18 3.03 0.01	57.70 3.21 0.01	58.31 3.61 0.01	65.82 4.19 -6.42	61.49 3.85 -2.60	57.25 3.49 0.01	54.78 3.44 0.01	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.58 2.52 0.00	44.70 2.09 0.00	43.14 2.05 0.00	44.56 1.92 0.00	44.45 1.83 0.00	46.25 1.78 0.01	53.79 2.07 0.01	56.88 2.45 0.01	57.59 3.00 0.01	59.40 3.51 -1.01	57.54 3.00 0.01	57.41 3.09 0.01	56.61 3.00 0.01	56.77 2.91 0.01	56.18 3.03 0.01	57.70 3.21 0.01	58.31 3.61 0.01	65.82 4.19 -6.42	61.49 3.85 -2.60	57.25 3.49 0.01	54.78 3.44 0.01	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
ASTORIA_GT2_1 24094	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT2_2 24095	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT2_3 24096	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT2_4 24097	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT3_1 24098	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT3_2 24099	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT3_3 24100	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT3_4 24101	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT4_1 24102	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT4_2 24103	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT4_3 24104	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00

ASTORIA_GT4_4 24105	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.56 1.92 0.00	44.49 1.88 0.00	46.30 1.82 0.00	53.64 1.91 0.00	57.10 2.67 0.00	57.82 3.22 0.00	59.63 3.73 -1.02	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.61 3.97 -6.43	61.34 3.69 -2.61	56.99 3.23 0.00	54.53 3.18 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.81 2.88 0.00
ASTORIA_GT_1 23523	47.67 2.61 0.00	44.79 2.17 0.00	43.22 2.13 0.00	44.64 2.00 0.00	44.54 1.92 0.00	46.34 1.87 0.01	53.89 2.17 0.01	56.99 2.56 0.01	57.70 3.11 0.01	59.51 3.62 -1.01	57.70 3.16 0.01	57.52 3.20 0.01	56.72 3.11 0.01	56.93 3.07 0.01	56.34 3.19 0.01	57.86 3.38 0.01	58.42 3.72 0.01	65.98 4.36 -6.42	61.61 3.97 -2.60	57.41 3.66 0.01	54.93 3.59 0.01	48.11 3.27 0.00	45.43 3.17 0.00	41.85 2.92 0.00
ASTORIA_GT_10 24110	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.48 3.77 0.00	65.94 4.31 -6.43	61.73 4.07 -2.61	57.36 3.60 0.00	54.89 3.54 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.77 2.84 0.00
ASTORIA_GT_11 24225	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.48 3.77 0.00	65.94 4.31 -6.43	61.73 4.07 -2.61	57.36 3.60 0.00	54.89 3.54 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.77 2.84 0.00
ASTORIA_GT_12 24226	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.48 3.77 0.00	65.94 4.31 -6.43	61.73 4.07 -2.61	57.36 3.60 0.00	54.89 3.54 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.77 2.84 0.00
ASTORIA_GT_13 24227	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.48 3.77 0.00	65.94 4.31 -6.43	61.73 4.07 -2.61	57.36 3.60 0.00	54.89 3.54 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.77 2.84 0.00
ASTORIA_GT_5 24106	47.67 2.61 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.64 2.00 0.00	44.54 1.92 0.00	46.35 1.87 0.00	53.75 2.02 0.00	57.21 2.78 0.00	57.93 3.33 0.00	59.74 3.84 -1.02	57.65 3.11 0.00	57.31 2.99 0.00	56.52 2.90 0.00	56.78 2.91 0.00	56.09 2.92 0.00	57.76 3.27 0.00	58.27 3.56 0.00	65.72 4.09 -6.43	61.45 3.80 -2.61	57.09 3.33 0.00	54.63 3.29 0.00	48.11 3.27 0.00	45.42 3.17 0.00	41.88 2.96 0.00
ASTORIA_GT_7 24107	47.67 2.61 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.64 2.00 0.00	44.54 1.92 0.00	46.35 1.87 0.00	53.75 2.02 0.00	57.21 2.78 0.00	57.93 3.33 0.00	59.74 3.84 -1.02	57.65 3.11 0.00	57.31 2.99 0.00	56.52 2.90 0.00	56.78 2.91 0.00	56.09 2.92 0.00	57.76 3.27 0.00	58.27 3.56 0.00	65.72 4.09 -6.43	61.45 3.80 -2.61	57.09 3.33 0.00	54.63 3.29 0.00	48.11 3.27 0.00	45.42 3.17 0.00	41.88 2.96 0.00
ASTORIA_GT_8 24108	47.67 2.61 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.64 2.00 0.00	44.54 1.92 0.00	46.35 1.87 0.00	53.75 2.02 0.00	57.21 2.78 0.00	57.93 3.33 0.00	59.74 3.84 -1.02	57.65 3.11 0.00	57.31 2.99 0.00	56.52 2.90 0.00	56.78 2.91 0.00	56.09 2.92 0.00	57.76 3.27 0.00	58.27 3.56 0.00	65.72 4.09 -6.43	61.45 3.80 -2.61	57.09 3.33 0.00	54.63 3.29 0.00	48.11 3.27 0.00	45.42 3.17 0.00	41.88 2.96 0.00
ASTORIA___2 24149	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.56 1.92 0.00	44.49 1.87 0.00	46.30 1.82 0.01	53.79 2.07 0.01	56.93 2.51 0.01	57.59 3.00 0.01	59.40 3.51 -1.01	57.59 3.05 0.01	57.41 3.09 0.01	56.61 3.00 0.01	56.82 2.96 0.01	56.24 3.08 0.01	57.75 3.27 0.01	58.31 3.61 0.01	65.87 4.25 -6.42	61.49 3.85 -2.60	57.30 3.55 0.01	54.83 3.49 0.01	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
ASTORIA___3 23516	47.72 2.66 0.00	44.79 2.17 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.70 3.99 0.00	66.27 4.64 -6.42	61.89 4.24 -2.61	57.63 3.87 0.00	55.14 3.80 0.00	48.20 3.36 0.00	45.43 3.17 0.00	41.73 2.80 0.00
ASTORIA___4 23517	47.67 2.61 0.00	44.79 2.17 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.48 3.77 0.00	65.94 4.31 -6.43	61.73 4.07 -2.61	57.36 3.60 0.00	54.89 3.54 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.73 2.80 0.00
ASTORIA___5 23518	47.72 2.66 0.00	44.79 2.17 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.70 3.99 0.00	66.27 4.64 -6.42	61.89 4.24 -2.61	57.63 3.87 0.00	55.14 3.80 0.00	48.20 3.36 0.00	45.43 3.17 0.00	41.73 2.80 0.00
AST_ENERGY_2_CC3 323677	47.54 2.48 0.00	44.66 2.05 0.00	43.14 2.05 0.00	44.60 1.96 0.00	44.58 1.96 0.00	46.53 2.05 0.00	48.42 2.53 5.84	51.42 2.94 5.95	51.66 3.44 6.38	51.86 3.90 6.91	51.17 3.44 6.81	51.17 3.53 6.68	51.17 3.38 5.83	51.17 3.34 6.04	51.17 3.45 5.45	51.17 3.60 6.92	57.20 3.94 1.45	63.99 4.53 -4.26	55.13 4.18 4.09	51.17 3.87 6.46	51.29 3.75 3.80	48.06 3.23 0.01	45.30 3.04 0.00	41.53 2.61 0.00
AST_ENERGY_2_CC4 323678	47.54 2.48 0.00	44.66 2.05 0.00	43.14 2.05 0.00	44.60 1.96 0.00	44.58 1.96 0.00	46.53 2.05 0.00	48.42 2.53 5.84	51.42 2.94 5.95	51.66 3.44 6.38	51.86 3.90 6.91	51.17 3.44 6.81	51.17 3.53 6.68	51.17 3.38 5.83	51.17 3.34 6.04	51.17 3.45 5.45	51.17 3.60 6.92	57.20 3.94 1.45	63.99 4.53 -4.26	55.13 4.18 4.09	51.17 3.87 6.46	51.29 3.75 3.80	48.06 3.23 0.01	45.30 3.04 0.00	41.53 2.61 0.00

ATHENS_STG_1 23668	46.64 1.58 0.00	44.02 1.40 0.00	42.44 1.35 0.00	44.04 1.40 0.00	44.02 1.40 0.00	45.90 1.42 0.00	53.39 1.65 0.00	56.23 1.79 0.00	56.67 2.07 0.00	58.31 2.25 -1.19	56.51 1.96 0.00	56.27 1.95 0.00	55.50 1.88 0.00	55.75 1.88 0.00	55.07 1.91 0.00	56.56 2.07 0.00	56.95 2.24 0.00	65.32 2.65 -7.46	60.55 2.48 -3.03	56.02 2.26 0.00	53.50 2.16 0.00	46.68 1.84 0.00	44.03 1.77 0.00	40.48 1.56 0.00
ATHENS_STG_2 23670	46.64 1.58 0.00	44.02 1.40 0.00	42.44 1.35 0.00	44.04 1.40 0.00	44.02 1.40 0.00	45.90 1.42 0.00	53.39 1.65 0.00	56.23 1.79 0.00	56.67 2.07 0.00	58.31 2.25 -1.19	56.51 1.96 0.00	56.27 1.95 0.00	55.50 1.88 0.00	55.75 1.88 0.00	55.07 1.91 0.00	56.56 2.07 0.00	56.95 2.24 0.00	65.32 2.65 -7.46	60.55 2.48 -3.03	56.02 2.26 0.00	53.50 2.16 0.00	46.68 1.84 0.00	44.03 1.77 0.00	40.48 1.56 0.00
ATHENS_STG_3 23677	46.64 1.58 0.00	44.02 1.40 0.00	42.44 1.35 0.00	44.04 1.40 0.00	44.02 1.40 0.00	45.90 1.42 0.00	53.39 1.65 0.00	56.23 1.79 0.00	56.67 2.07 0.00	58.31 2.25 -1.19	56.51 1.96 0.00	56.27 1.95 0.00	55.50 1.88 0.00	55.75 1.88 0.00	55.07 1.91 0.00	56.56 2.07 0.00	56.95 2.24 0.00	65.32 2.65 -7.46	60.55 2.48 -3.03	56.02 2.26 0.00	53.50 2.16 0.00	46.68 1.84 0.00	44.03 1.77 0.00	40.48 1.56 0.00
AUBURN___LFGE 323710	44.34 -0.72 0.00	41.89 -0.72 0.00	40.42 -0.66 0.00	41.96 -0.68 0.00	41.98 -0.64 0.00	44.03 -0.44 0.00	51.32 -0.41 0.00	54.06 -0.38 0.00	54.98 0.38 0.00	54.46 -0.55 -0.13	53.78 -0.76 0.00	53.50 -0.81 0.00	52.82 -0.80 0.00	53.01 -0.86 0.00	52.31 -0.85 0.00	53.51 -0.98 0.00	53.83 -0.88 0.00	55.52 -0.44 -0.76	54.80 -0.55 -0.31	53.06 -0.70 0.00	50.68 -0.67 0.00	44.17 -0.67 0.00	41.49 -0.76 0.00	38.26 -0.66 0.00
BABYLON_RES_REC 323704	55.48 4.10 -6.32	48.92 3.67 -2.64	44.49 3.41 0.00	45.97 3.33 0.00	45.98 3.37 0.00	47.95 3.47 0.00	61.87 4.55 -5.59	64.65 4.68 -5.53	65.05 5.41 -5.05	66.91 5.76 -6.28	67.16 5.13 -7.49	70.29 5.05 -10.92	66.02 4.93 -7.47	66.60 4.90 -7.83	65.75 5.05 -7.54	67.93 5.34 -8.10	77.38 5.69 -16.98	79.88 6.40 -18.28	76.70 6.05 -15.60	66.31 5.70 -6.85	61.47 5.50 -4.63	56.74 4.62 -7.28	55.53 4.23 -9.05	42.95 3.70 -0.32
BABYLON___69_KV_BK2 356345	56.07 4.69 -6.32	49.47 4.22 -2.64	44.98 3.90 0.00	46.47 3.84 0.00	46.54 3.92 0.00	48.53 4.05 0.00	62.44 5.12 -5.59	65.85 5.88 -5.53	66.04 6.39 -5.05	67.90 6.75 -6.28	67.87 5.84 -7.49	70.84 5.59 -10.92	66.61 5.52 -7.47	67.30 5.60 -7.83	66.33 5.64 -7.54	68.58 5.99 -8.10	78.04 6.35 -16.98	80.50 7.01 -18.28	77.41 6.77 -15.60	66.90 6.29 -6.85	62.08 6.11 -4.63	57.41 5.29 -7.28	56.04 4.73 -9.05	43.45 4.20 -0.32
BALL_HILL_WT_PWR 323825	41.32 -3.74 0.00	39.33 -3.28 0.00	38.08 -3.00 0.00	39.70 -2.94 0.00	39.80 -2.81 0.00	41.63 -2.85 0.00	48.26 -3.47 0.00	49.32 -5.12 0.00	49.02 -5.57 0.01	49.24 -5.49 0.14	48.81 -5.73 0.01	48.55 -5.76 0.01	47.88 -5.74 0.01	48.20 -5.66 0.01	47.25 -5.90 0.01	48.11 -6.38 0.01	45.71 -6.35 2.65	47.33 -5.41 2.47	39.81 -5.89 9.35	39.67 -5.91 8.18	33.54 -5.60 12.20	39.62 -5.20 0.01	37.65 -4.60 0.00	35.70 -3.23 0.00
BARON_WINDS___WT_PWR 323822	42.49 -2.57 0.00	40.40 -2.22 0.00	39.11 -1.97 0.00	40.72 -1.92 0.00	40.83 -1.79 0.00	42.79 -1.69 0.00	49.82 -1.91 0.00	51.72 -2.72 0.00	51.59 -3.00 0.00	50.39 -3.18 1.29	51.11 -3.43 0.00	50.95 -3.37 0.00	50.34 -3.27 0.00	50.54 -3.29 0.04	49.78 -3.35 0.04	50.73 -3.76 0.00	37.88 -3.50 13.32	36.12 -2.81 16.27	4.29 -3.19 47.56	10.05 -3.44 40.27	-12.00 -3.23 60.11	41.54 -3.23 0.07	39.21 -3.04 0.00	36.67 -2.26 0.00
BARRETT_IC_1 23704	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_10 23701	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_11 23702	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_12 23703	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_2 23705	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_3 23706	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_4 23707	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97

BARRETT_IC_5 23708	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_6 23709	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_7 23710	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.10 3.93 -67.44	125.95 4.68 -66.83	120.63 5.08 -60.95	124.85 5.43 -64.54	116.94 4.31 -58.09	133.37 4.07 -74.98	109.14 4.08 -51.44	109.19 4.04 -51.28	109.14 4.09 -51.88	114.51 4.47 -55.56	119.42 4.65 -60.07	116.78 5.19 -56.38	106.83 5.01 -46.78	105.62 4.68 -47.18	111.83 4.62 -55.87	102.36 4.04 -53.48	155.51 4.01 -109.24	46.48 3.58 -3.97
BARRETT_IC_8 23711	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT_IC_9 23700	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT___1 23545	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BARRETT___2 23546	125.01 3.65 -76.30	77.95 3.41 -31.93	44.33 3.16 -0.09	45.84 3.11 -0.09	45.86 3.15 -0.09	47.77 3.20 -0.09	123.31 4.14 -67.44	125.40 4.14 -66.83	120.41 4.86 -60.95	124.63 5.22 -64.54	117.00 4.37 -58.09	133.54 4.24 -74.98	109.30 4.23 -51.44	109.30 4.15 -51.28	109.30 4.25 -51.88	114.57 4.52 -55.56	119.59 4.82 -60.07	117.00 5.41 -56.38	106.99 5.17 -46.78	105.83 4.89 -47.18	112.03 4.82 -55.87	102.36 4.04 -53.48	155.51 4.02 -109.24	46.44 3.54 -3.97
BATAVIA__115KV_TB1 55881	41.95 -3.11 0.00	39.80 -2.81 0.00	38.45 -2.63 0.00	39.99 -2.64 0.00	40.15 -2.47 0.00	41.99 -2.49 0.00	48.68 -3.05 0.00	50.52 -3.92 0.00	50.28 -4.31 0.00	50.41 -4.44 0.02	49.80 -4.75 0.00	49.48 -4.83 0.00	48.90 -4.72 0.00	48.96 -4.90 0.01	48.37 -4.78 0.01	48.98 -5.50 0.00	48.06 -5.25 1.40	49.62 -4.64 0.95	45.88 -4.51 4.65	45.00 -4.57 4.20	40.72 -4.36 6.26	41.02 -3.81 0.01	38.87 -3.38 0.00	36.36 -2.57 0.00
BAYONEEC___CTG1 323682	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG10 323750	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG2 323683	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG3 323684	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG4 323685	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG5 323686	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG6 323687	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00

BAYONEEC___CTG7 323688	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG8 323689	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BAYONEEC___CTG9 323749	47.63 2.57 0.00	44.74 2.13 0.00	43.22 2.13 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	54.37 2.64 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.20 3.71 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
BEACON___LESR 323632	47.27 2.21 0.00	44.70 2.09 0.00	43.09 2.01 0.00	44.60 1.96 0.00	44.62 2.00 0.00	46.70 2.22 0.00	53.75 2.02 0.00	56.45 2.02 0.00	56.95 2.35 0.00	58.62 2.41 -1.33	56.62 2.07 0.00	56.38 2.06 0.00	55.66 2.04 0.00	55.91 2.05 0.00	55.29 2.13 0.00	56.78 2.29 0.00	57.17 2.46 0.00	66.30 2.70 -8.39	61.09 2.64 -3.41	56.12 2.36 0.00	53.55 2.21 0.00	47.08 2.24 0.00	44.62 2.36 0.00	41.06 2.14 0.00
BEAVER RIVER___HYD 24048	44.25 -0.81 0.00	41.80 -0.81 0.00	40.38 -0.70 0.00	41.95 -0.68 0.00	42.11 -0.51 0.00	44.35 -0.13 0.00	52.14 0.41 0.00	55.52 1.09 0.00	55.31 0.71 0.00	55.58 0.66 -0.04	54.98 0.43 0.00	54.81 0.49 0.00	54.00 0.38 0.00	54.35 0.48 0.00	53.69 0.53 0.00	55.15 0.66 0.00	55.42 0.71 0.00	56.42 0.94 -0.27	55.76 0.61 -0.11	54.67 0.91 0.00	52.32 0.97 0.00	45.20 0.36 0.00	42.04 -0.21 0.00	38.57 -0.35 0.00
BEEBEE_GT_13 23619	42.45 -2.61 0.00	40.23 -2.39 0.00	38.82 -2.26 0.00	40.34 -2.30 0.00	40.44 -2.17 0.00	42.25 -2.22 0.00	49.04 -2.69 0.00	51.17 -3.27 0.00	51.16 -3.44 0.00	51.43 -3.57 -0.13	50.78 -3.76 0.00	50.52 -3.80 0.00	49.92 -3.70 0.00	50.04 -3.82 0.00	49.44 -3.72 0.00	50.13 -4.36 0.00	50.22 -4.49 0.00	51.96 -4.03 -0.79	51.29 -4.07 -0.32	49.68 -4.09 0.00	47.39 -3.95 0.00	41.79 -3.05 0.00	39.47 -2.79 0.00	36.63 -2.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.12 3.06 0.00	45.17 2.56 0.00	43.59 2.51 0.00	45.03 2.39 0.00	44.92 2.30 0.00	46.88 2.40 0.00	54.21 2.48 0.00	57.65 3.21 0.00	58.42 3.82 0.00	60.23 4.33 -1.02	58.20 3.65 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.31 3.45 0.00	56.62 3.46 0.00	58.25 3.76 0.00	58.81 4.10 0.00	66.33 4.69 -6.43	62.11 4.46 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.70 3.86 0.00	45.80 3.55 0.00	42.04 3.11 0.00
BETHLEHEM___GRP 23843	46.64 1.58 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.04 1.56 0.00	53.13 1.40 0.00	56.07 1.63 0.00	56.51 1.91 0.00	58.18 1.98 -1.33	56.07 1.53 0.00	55.84 1.52 0.00	55.12 1.50 0.00	55.38 1.51 0.00	54.70 1.54 0.00	56.18 1.69 0.00	56.51 1.81 0.00	65.48 1.88 -8.40	60.38 1.93 -3.41	55.54 1.77 0.00	52.94 1.59 0.00	46.36 1.52 0.00	43.99 1.73 0.00	40.52 1.60 0.00
BETHLEHEM___GS1 323560	46.68 1.62 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.03 1.56 0.00	52.76 1.03 0.00	55.42 0.98 0.00	55.86 1.26 0.00	57.52 1.31 -1.33	55.58 1.03 0.00	55.35 1.03 0.00	54.69 1.07 0.00	54.89 1.02 0.00	54.28 1.12 0.00	55.69 1.20 0.00	56.08 1.37 0.00	65.20 1.60 -8.40	59.99 1.54 -3.41	55.05 1.29 0.00	52.57 1.23 0.00	46.36 1.53 0.00	44.03 1.77 0.00	40.52 1.60 0.00
BETHLEHEM___GS2 323561	46.68 1.62 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.03 1.56 0.00	52.76 1.03 0.00	55.42 0.98 0.00	55.86 1.26 0.00	57.52 1.31 -1.33	55.58 1.03 0.00	55.35 1.03 0.00	54.69 1.07 0.00	54.89 1.02 0.00	54.28 1.12 0.00	55.69 1.20 0.00	56.08 1.37 0.00	65.20 1.60 -8.40	59.99 1.54 -3.41	55.05 1.29 0.00	52.57 1.23 0.00	46.36 1.53 0.00	44.03 1.77 0.00	40.52 1.60 0.00
BETHLEHEM___GS3 323562	46.68 1.62 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.03 1.56 0.00	52.76 1.03 0.00	55.42 0.98 0.00	55.86 1.26 0.00	57.52 1.31 -1.33	55.58 1.03 0.00	55.35 1.03 0.00	54.69 1.07 0.00	54.89 1.02 0.00	54.28 1.12 0.00	55.69 1.20 0.00	56.08 1.37 0.00	65.20 1.60 -8.40	59.99 1.54 -3.41	55.05 1.29 0.00	52.57 1.23 0.00	46.36 1.53 0.00	44.03 1.77 0.00	40.52 1.60 0.00
BETHLEHEM___STEEL 23779	41.59 -3.47 0.00	39.46 -3.15 0.00	38.21 -2.88 0.00	39.78 -2.86 0.00	39.89 -2.73 0.00	41.72 -2.76 0.00	48.21 -3.52 0.00	49.37 -5.06 0.00	49.13 -5.46 0.01	49.26 -5.49 0.12	48.81 -5.73 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.41 -5.74 0.01	48.05 -6.43 0.01	46.02 -6.18 2.50	47.46 -5.47 2.28	40.55 -5.72 8.77	40.42 -5.64 7.69	34.52 -5.34 11.48	39.80 -5.02 0.01	37.86 -4.39 0.00	35.73 -3.19 0.00
BETHLHEM_115KV_TB1 79974	46.59 1.53 0.00	44.06 1.45 0.00	42.52 1.44 0.00	44.04 1.41 0.00	44.07 1.45 0.00	45.99 1.51 0.00	53.13 1.40 0.00	56.07 1.63 0.00	56.51 1.91 0.00	58.18 1.98 -1.33	56.13 1.58 0.00	55.84 1.52 0.00	55.12 1.50 0.00	55.38 1.51 0.00	54.70 1.54 0.00	56.18 1.69 0.00	56.51 1.81 0.00	65.53 1.93 -8.39	60.38 1.93 -3.41	55.54 1.77 0.00	52.99 1.64 0.00	46.36 1.52 0.00	43.94 1.69 0.00	40.48 1.56 0.00
BETHPAGE_CC_5 323564	56.64 3.79 -7.79	49.20 3.33 -3.26	44.20 3.12 0.00	45.67 3.03 0.00	45.69 3.07 0.00	47.64 3.16 0.00	62.60 3.98 -6.89	65.35 4.08 -6.83	65.63 4.81 -6.22	67.60 5.22 -7.51	67.68 4.58 -8.56	71.15 4.56 -12.27	66.47 4.45 -8.40	67.03 4.42 -8.75	66.15 4.52 -8.47	68.32 4.74 -9.10	77.69 5.09 -17.89	80.03 5.74 -19.08	76.75 5.45 -16.26	66.57 5.11 -7.70	61.98 4.93 -5.71	57.31 4.21 -8.26	57.26 3.84 -11.16	42.83 3.50 -0.40
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.77 -3.29 0.00	39.63 -2.98 0.00	38.37 -2.71 0.00	39.95 -2.69 0.00	40.06 -2.56 0.00	41.90 -2.58 0.00	48.47 -3.26 0.00	49.59 -4.84 0.00	49.35 -5.24 0.01	49.55 -5.21 0.11	49.08 -5.45 0.01	48.77 -5.54 0.01	48.20 -5.42 0.01	48.36 -5.49 0.01	47.62 -5.53 0.01	48.33 -6.16 0.01	46.54 -5.80 2.37	48.04 -5.08 2.09	41.43 -5.34 8.27	41.21 -5.27 7.28	35.50 -4.98 10.86	39.89 -4.93 0.01	37.94 -4.31 0.00	35.85 -3.08 0.00

BINGHAMTON___COGEN 23790	44.65 -0.41 0.00	42.23 -0.38 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.32 -0.30 0.00	44.30 -0.18 0.00	51.58 -0.16 0.00	54.33 -0.11 0.00	54.60 0.00 0.00	55.33 0.05 -0.40	54.27 -0.27 0.00	53.99 -0.33 0.00	53.30 -0.32 0.00	53.54 -0.32 0.00	52.84 -0.32 0.00	54.11 -0.38 0.00	54.90 -0.16 -0.36	58.21 0.28 -2.73	57.34 0.11 -2.18	54.77 -0.05 -1.06	52.87 -0.05 -1.58	44.53 -0.31 0.00	41.92 -0.34 0.00	38.77 -0.16 0.00
BIXINCNT_115KV_LOAD 355685	41.41 -3.65 0.00	39.33 -3.28 0.00	38.25 -2.83 0.00	39.91 -2.73 0.00	40.02 -2.60 0.00	41.99 -2.49 0.00	48.73 -3.00 0.00	49.81 -4.63 0.00	49.46 -5.13 0.01	49.87 -4.99 0.01	49.25 -5.29 0.01	48.83 -5.49 0.01	48.31 -5.31 0.01	48.42 -5.44 0.01	47.52 -5.64 0.01	48.27 -6.21 0.01	47.17 -5.91 1.63	49.14 -5.02 1.05	43.86 -5.61 5.56	43.08 -5.64 5.04	38.33 -5.49 7.52	38.91 -5.92 0.01	36.97 -5.28 0.00	35.07 -3.85 0.00
BLACK RIVER___HYD 24047	44.29 -0.77 0.00	41.80 -0.81 0.00	40.38 -0.70 0.00	41.91 -0.73 0.00	41.98 -0.64 0.00	44.21 -0.27 0.00	52.04 0.31 0.00	55.58 1.14 0.00	55.26 0.66 0.00	55.59 0.66 -0.05	54.98 0.43 0.00	54.81 0.49 0.00	53.94 0.32 0.00	54.30 0.43 0.00	53.64 0.48 0.00	55.15 0.66 0.00	55.47 0.77 0.00	56.72 1.16 -0.35	55.95 0.77 -0.14	54.84 1.07 0.00	52.42 1.08 0.00	45.29 0.45 0.00	42.09 -0.17 0.00	38.61 -0.31 0.00
BLACKRVR_115KV_TB2 79977	44.29 -0.77 0.00	41.81 -0.81 0.00	40.38 -0.70 0.00	41.91 -0.72 0.00	41.98 -0.64 0.00	44.21 -0.27 0.00	51.99 0.26 0.00	55.58 1.14 0.00	55.31 0.71 0.00	55.64 0.71 -0.06	54.98 0.44 0.00	54.75 0.43 0.00	53.89 0.27 0.00	54.24 0.38 0.00	53.64 0.48 0.00	55.09 0.60 0.00	55.48 0.77 0.00	56.65 1.10 -0.34	55.95 0.77 -0.14	54.84 1.08 0.00	52.42 1.08 0.00	45.29 0.45 0.00	42.09 -0.17 0.00	38.58 -0.35 0.00
BLISS_WT_PWR 323608	41.00 -4.06 0.00	39.04 -3.58 0.00	38.04 -3.04 0.00	39.70 -2.94 0.00	39.85 -2.77 0.00	41.85 -2.62 0.00	48.63 -3.10 0.00	49.54 -4.90 0.00	49.08 -5.51 0.01	49.70 -5.16 0.01	49.03 -5.51 0.01	48.66 -5.65 0.01	48.14 -5.47 0.01	48.20 -5.66 0.01	47.20 -5.95 0.01	48.05 -6.43 0.01	46.84 -6.24 1.63	48.91 -5.25 1.05	43.48 -6.00 5.56	42.59 -6.13 5.04	37.87 -5.96 7.52	38.46 -6.37 0.01	36.55 -5.71 0.00	34.76 -4.16 0.00
BLUESTONE___WT_PWR 323821	46.54 1.48 0.00	43.94 1.32 0.00	42.48 1.40 0.00	44.09 1.45 0.00	44.02 1.40 0.00	46.17 1.69 0.00	54.11 2.38 0.00	59.06 4.62 0.00	58.86 4.26 0.00	59.73 4.44 -0.42	58.58 4.04 0.00	58.44 4.13 0.00	57.37 3.75 0.00	57.69 3.82 0.00	56.94 3.77 0.00	58.25 3.76 0.00	58.76 4.05 0.00	60.68 3.09 -2.39	58.60 2.59 -0.97	56.29 2.53 0.00	53.81 2.46 0.00	46.54 1.70 0.00	43.52 1.27 0.00	40.13 1.21 0.00
BLUE_CIRC_CHEM_DRP 24182	46.68 1.62 0.00	44.15 1.53 0.00	42.56 1.48 0.00	44.13 1.49 0.00	44.15 1.53 0.00	46.08 1.60 0.00	56.18 4.45 0.00	58.90 4.46 0.00	59.51 4.91 0.00	60.32 4.17 -1.27	58.31 3.76 0.00	58.01 3.69 0.00	57.27 3.65 0.00	57.64 3.77 0.00	57.04 3.88 0.00	58.96 4.47 0.00	59.41 4.70 0.00	65.21 1.99 -8.02	60.33 2.04 -3.26	55.64 1.88 0.00	53.09 1.75 0.00	46.45 1.61 0.00	43.94 1.69 0.00	40.48 1.56 0.00
BOC_GAS_DRP 24189	46.37 1.31 0.00	43.81 1.19 0.00	42.27 1.19 0.00	43.83 1.19 0.00	43.81 1.19 0.00	45.72 1.25 0.00	52.97 1.24 0.00	55.96 1.52 0.00	56.35 1.75 0.00	58.01 1.81 -1.33	56.02 1.47 0.00	55.73 1.41 0.00	55.01 1.39 0.00	55.27 1.40 0.00	54.60 1.44 0.00	56.02 1.53 0.00	56.35 1.64 0.00	65.39 1.82 -8.37	60.26 1.82 -3.40	55.43 1.67 0.00	52.88 1.54 0.00	46.23 1.39 0.00	43.69 1.44 0.00	40.21 1.28 0.00
BOONVILLE_115KV_TB1 79983	45.47 0.41 0.00	42.91 0.30 0.00	41.45 0.37 0.00	43.02 0.38 0.00	43.04 0.43 0.00	45.19 0.71 0.00	52.82 1.09 0.00	56.01 1.58 0.00	55.96 1.36 0.00	56.39 1.48 -0.04	55.80 1.25 0.00	55.57 1.25 0.00	54.75 1.13 0.00	55.05 1.19 0.00	54.39 1.22 0.00	55.74 1.25 0.00	56.08 1.37 0.00	56.97 1.55 -0.22	56.45 1.32 -0.09	55.21 1.45 0.00	52.73 1.39 0.00	45.83 0.99 0.00	42.89 0.63 0.00	39.43 0.51 0.00
BORALEX_4TH_BRANCH 23824	47.90 2.84 0.00	45.21 2.60 0.00	43.59 2.51 0.00	45.15 2.52 0.00	45.17 2.56 0.00	47.24 2.76 0.00	54.99 3.26 0.00	58.14 3.70 0.00	58.64 4.04 0.00	60.42 4.23 -1.32	58.25 3.71 0.00	57.90 3.59 0.00	57.11 3.49 0.00	57.31 3.45 0.00	56.57 3.40 0.00	58.09 3.60 0.00	58.54 3.83 0.00	67.73 4.20 -8.33	62.61 4.18 -3.38	57.58 3.82 0.00	54.94 3.59 0.00	47.93 3.09 0.00	45.21 2.96 0.00	41.61 2.69 0.00
BOWLINE___1 23526	47.09 2.03 0.00	44.36 1.75 0.00	42.77 1.69 0.00	44.30 1.66 0.00	44.28 1.66 0.00	46.17 1.69 0.00	53.85 2.12 0.00	56.89 2.45 0.00	57.44 2.84 0.00	59.05 3.18 -0.99	57.38 2.83 0.00	57.14 2.82 0.00	56.35 2.73 0.00	56.56 2.69 0.00	55.93 2.76 0.00	57.43 2.94 0.00	58.05 3.34 0.00	65.41 3.98 -6.23	61.20 3.63 -2.53	57.10 3.33 0.00	54.48 3.13 0.00	47.44 2.60 0.00	44.66 2.41 0.00	40.99 2.06 0.00
BOWLINE___2 23595	47.04 1.98 0.00	44.32 1.71 0.00	42.73 1.64 0.00	44.26 1.62 0.00	44.24 1.62 0.00	46.13 1.65 0.00	53.75 2.02 0.00	56.78 2.34 0.00	57.33 2.73 0.00	58.99 3.13 -0.99	57.27 2.73 0.00	57.09 2.77 0.00	56.25 2.63 0.00	56.51 2.64 0.00	55.87 2.71 0.00	57.38 2.89 0.00	57.94 3.23 0.00	65.30 3.86 -6.23	61.15 3.58 -2.53	56.99 3.23 0.00	54.42 3.08 0.00	47.35 2.51 0.00	44.62 2.36 0.00	40.95 2.02 0.00
BRADY___115KV_TB2 356060	46.05 0.99 0.00	43.60 0.98 0.00	42.15 1.07 0.00	43.92 1.28 0.00	44.41 1.79 0.00	46.93 2.45 0.00	55.56 3.83 0.00	59.28 4.84 0.00	58.59 3.99 0.00	58.64 3.73 -0.03	58.15 3.60 0.00	58.12 3.80 0.00	57.05 3.43 0.00	57.58 3.72 0.00	56.83 3.67 0.00	58.31 3.81 0.00	58.54 3.83 0.00	59.26 3.86 -0.19	58.42 3.30 -0.08	57.69 3.92 0.00	55.14 3.80 0.00	47.17 2.33 0.00	43.52 1.27 0.00	39.78 0.86 0.00
BRANSCOMB___SOLAR 323811	47.09 2.03 0.00	44.58 1.96 0.00	42.93 1.85 0.00	44.39 1.75 0.00	44.45 1.83 0.00	46.75 2.27 0.00	54.47 2.74 0.00	57.48 3.05 0.00	58.10 3.50 0.00	59.85 3.62 -1.36	57.76 3.22 0.00	57.47 3.15 0.00	56.67 3.05 0.00	56.72 2.85 0.00	56.03 2.87 0.00	57.60 3.10 0.00	57.94 3.23 0.00	67.35 3.59 -8.56	62.04 3.53 -3.48	56.93 3.17 0.00	54.27 2.93 0.00	47.30 2.46 0.00	44.62 2.36 0.00	40.99 2.06 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	52.94 4.60 -3.29	48.12 4.13 -1.37	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.65 5.02 -2.91	63.14 5.82 -2.88	63.50 6.28 -2.62	65.33 6.69 -3.76	65.57 5.73 -5.30	67.95 5.49 -8.15	64.60 5.42 -5.57	65.25 5.44 -5.95	64.25 5.48 -5.61	66.42 5.89 -6.04	76.01 6.18 -15.12	78.68 6.85 -16.63	75.84 6.55 -14.25	64.99 6.13 -5.10	59.71 5.96 -2.41	55.28 5.16 -5.28	51.61 4.65 -4.71	43.18 4.09 -0.16

BRISTLHL_115KV_TB1 79998	43.48 -1.58 0.00	41.08 -1.53 0.00	39.64 -1.44 0.00	41.15 -1.49 0.00	41.13 -1.49 0.00	43.06 -1.42 0.00	50.13 -1.60 0.00	52.86 -1.58 0.00	52.91 -1.69 0.00	53.36 -1.59 -0.08	52.80 -1.75 0.00	52.58 -1.74 0.00	51.90 -1.72 0.00	52.14 -1.72 0.00	51.46 -1.70 0.00	52.64 -1.85 0.00	52.90 -1.81 0.00	54.20 -1.49 -0.49	53.59 -1.65 -0.20	52.04 -1.72 0.00	49.75 -1.59 0.00	43.45 -1.39 0.00	40.86 -1.39 0.00	37.64 -1.28 0.00
BROOKHAVEN___DRP 24191	52.53 4.69 -2.78	47.95 4.18 -1.16	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.43 3.96 0.00	59.15 4.97 -2.46	62.53 5.66 -2.44	62.94 6.12 -2.22	64.68 6.48 -3.34	64.66 5.18 -4.93	66.67 4.67 -7.68	63.75 4.88 -5.25	64.62 5.12 -5.63	63.77 5.32 -5.29	65.91 5.72 -5.70	75.59 6.07 -14.80	78.41 6.85 -16.36	75.56 6.49 -14.02	64.60 6.02 -4.81	59.18 5.80 -2.04	54.86 5.07 -4.95	50.64 4.39 -3.99	42.96 3.89 -0.14
BROOKLYN_NAVY_YARD 23515	47.58 2.52 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.64 2.00 0.00	44.58 1.96 0.00	46.61 2.13 0.00	54.42 2.69 0.00	57.54 3.10 0.00	58.20 3.60 0.00	59.95 4.06 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.25 3.76 0.00	58.81 4.11 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.80 4.03 0.00	55.24 3.90 0.00	48.20 3.36 0.00	45.38 3.13 0.00	41.57 2.65 0.00
BROOKLYN___ARMY_DRP 323595	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
BROOKVLE_69_KV_TB1 55790	61.61 3.47 -13.08	51.03 2.94 -5.47	44.01 2.92 -0.01	45.55 2.90 -0.01	45.52 2.90 -0.01	47.47 2.98 -0.01	66.76 3.47 -11.56	70.14 4.25 -11.46	69.80 4.75 -10.45	71.94 5.16 -11.91	71.34 4.42 -12.38	75.72 4.29 -17.11	69.58 4.24 -11.72	70.10 4.20 -12.03	69.13 4.15 -11.82	71.64 4.47 -12.68	80.56 4.70 -21.14	82.47 5.30 -21.96	78.72 5.06 -18.61	69.13 4.62 -10.75	65.44 4.52 -9.58	60.58 3.99 -11.75	64.75 3.76 -18.73	42.95 3.35 -0.67
BROOME_2_LFGE 323671	44.65 -0.41 0.00	42.23 -0.38 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.32 -0.30 0.00	44.30 -0.18 0.00	51.63 -0.10 0.00	54.22 -0.22 0.00	54.44 -0.16 0.00	55.22 -0.05 -0.40	54.27 -0.27 0.00	54.05 -0.27 0.00	53.30 -0.32 0.00	53.60 -0.27 0.00	52.90 -0.26 0.00	54.11 -0.38 0.00	54.96 -0.11 -0.36	58.30 0.39 -2.71	57.38 0.17 -2.17	54.77 -0.05 -1.06	52.93 0.00 -1.58	44.53 -0.31 0.00	41.92 -0.34 0.00	38.77 -0.16 0.00
BROOME___LFGE 323600	44.65 -0.41 0.00	42.23 -0.38 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.32 -0.30 0.00	44.30 -0.18 0.00	51.63 -0.10 0.00	54.22 -0.22 0.00	54.44 -0.16 0.00	55.22 -0.05 -0.40	54.27 -0.27 0.00	54.05 -0.27 0.00	53.30 -0.32 0.00	53.60 -0.27 0.00	52.90 -0.26 0.00	54.11 -0.38 0.00	54.96 -0.11 -0.36	58.30 0.39 -2.71	57.38 0.17 -2.17	54.77 -0.05 -1.06	52.93 0.00 -1.58	44.53 -0.31 0.00	41.92 -0.34 0.00	38.77 -0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	44.07 -0.99 0.00	41.68 -0.94 0.00	40.26 -0.82 0.00	41.91 -0.72 0.00	42.23 -0.38 0.00	44.48 0.00 0.00	52.40 0.67 0.00	55.80 1.36 0.00	55.47 0.87 0.00	55.62 0.71 -0.04	55.15 0.60 0.00	55.08 0.76 0.00	54.21 0.59 0.00	54.62 0.75 0.00	53.91 0.74 0.00	55.31 0.82 0.00	55.48 0.77 0.00	56.27 0.83 -0.23	55.63 0.50 -0.09	54.62 0.86 0.00	52.27 0.92 0.00	45.02 0.18 0.00	41.79 -0.46 0.00	38.26 -0.66 0.00
BROWNSV1_27_KV_LOAD 356125	48.03 2.97 0.00	45.17 2.56 0.00	43.59 2.51 0.00	45.07 2.43 0.00	45.00 2.39 0.00	47.01 2.54 0.00	54.73 3.00 0.00	58.25 3.81 0.00	58.97 4.37 0.00	60.72 4.83 -1.02	58.64 4.09 0.00	58.28 3.97 0.00	57.48 3.86 0.00	57.80 3.93 0.00	57.04 3.88 0.00	58.74 4.25 0.00	59.20 4.49 0.00	66.71 5.08 -6.43	62.44 4.79 -2.61	58.12 4.35 0.00	55.61 4.26 0.00	48.70 3.86 0.00	45.76 3.51 0.00	41.96 3.04 0.00
BURROWS___LYONSDAL 23803	45.15 0.09 0.00	42.66 0.04 0.00	41.21 0.12 0.00	42.77 0.13 0.00	42.83 0.21 0.00	44.97 0.49 0.00	52.61 0.88 0.00	55.85 1.42 0.00	55.80 1.20 0.00	56.17 1.26 -0.04	55.58 1.04 0.00	55.35 1.03 0.00	54.53 0.91 0.00	54.84 0.97 0.00	54.17 1.01 0.00	55.58 1.09 0.00	55.86 1.15 0.00	56.81 1.38 -0.23	56.29 1.16 -0.09	55.05 1.29 0.00	52.63 1.28 0.00	45.65 0.81 0.00	42.68 0.42 0.00	39.20 0.27 0.00
CAITHNESS_CC_1 323624	52.43 4.60 -2.77	47.82 4.05 -1.15	44.78 3.70 0.00	46.26 3.62 0.00	46.32 3.71 0.00	48.30 3.83 0.00	59.14 4.97 -2.45	61.87 5.00 -2.43	62.49 5.68 -2.21	64.24 6.04 -3.33	64.54 5.07 -4.92	66.77 4.78 -7.67	63.79 4.93 -5.24	64.55 5.06 -5.63	63.76 5.32 -5.29	65.79 5.61 -5.69	75.52 6.02 -14.80	78.40 6.84 -16.34	75.44 6.38 -14.02	64.59 6.02 -4.81	59.17 5.80 -2.03	54.71 4.93 -4.94	50.54 4.31 -3.97	42.84 3.77 -0.14
CALPINE BETH_PAGE_GT4 24209	58.80 3.79 -9.95	50.14 3.37 -4.16	44.25 3.16 0.00	45.71 3.07 0.00	45.73 3.11 0.00	47.69 3.20 0.00	64.30 3.78 -8.80	67.67 4.52 -8.72	67.57 5.02 -7.95	69.61 5.43 -9.31	69.19 4.53 -10.12	72.91 4.35 -14.25	67.66 4.29 -9.75	68.26 4.31 -10.08	67.31 4.31 -9.84	69.68 4.63 -10.56	78.85 4.92 -19.22	80.93 5.47 -20.26	77.54 5.28 -17.22	67.54 4.84 -8.94	63.35 4.72 -7.28	58.69 4.17 -9.68	60.35 3.85 -14.25	43.02 3.58 -0.51
CALPINE_BETH_PAGE_GT_4 323586	58.80 3.79 -9.95	50.14 3.37 -4.16	44.25 3.16 0.00	45.71 3.07 0.00	45.73 3.11 0.00	47.69 3.20 0.00	64.46 3.93 -8.80	67.24 4.08 -8.72	67.35 4.81 -7.95	69.33 5.16 -9.31	69.24 4.58 -10.12	73.13 4.56 -14.25	67.82 4.45 -9.75	68.37 4.42 -10.08	67.52 4.52 -9.84	69.79 4.74 -10.56	79.02 5.09 -19.22	81.20 5.74 -20.25	77.66 5.40 -17.22	67.76 5.05 -8.94	63.56 4.93 -7.28	58.69 4.17 -9.68	60.35 3.84 -14.25	42.98 3.54 -0.51
CALPINE_BP_GT1 23823	58.80 3.79 -9.95	50.14 3.37 -4.16	44.25 3.16 0.00	45.71 3.07 0.00	45.73 3.11 0.00	47.69 3.20 0.00	64.46 3.93 -8.80	67.24 4.08 -8.72	67.35 4.81 -7.95	69.33 5.16 -9.31	69.24 4.58 -10.12	73.13 4.56 -14.25	67.82 4.45 -9.75	68.37 4.42 -10.08	67.52 4.52 -9.84	69.79 4.74 -10.56	79.02 5.09 -19.22	81.20 5.74 -20.25	77.66 5.40 -17.22	67.76 5.05 -8.94	63.56 4.93 -7.28	58.69 4.17 -9.68	60.35 3.84 -14.25	42.98 3.54 -0.51
CALSPAN___DRP 24200	41.59 -3.47 0.00	39.46 -3.15 0.00	38.21 -2.88 0.00	39.78 -2.86 0.00	39.89 -2.73 0.00	41.72 -2.76 0.00	48.21 -3.52 0.00	49.37 -5.06 0.00	49.13 -5.46 0.01	49.26 -5.49 0.12	48.81 -5.73 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.41 -5.74 0.01	48.05 -6.43 0.01	46.02 -6.18 2.50	47.46 -5.47 2.28	40.55 -5.72 8.77	40.42 -5.64 7.69	34.52 -5.34 11.48	39.80 -5.02 0.01	37.86 -4.39 0.00	35.73 -3.19 0.00

CALVERTON___SOLAR 323806	52.76 4.91 -2.79	48.13 4.35 -1.16	45.06 3.98 0.00	46.55 3.92 0.00	46.58 3.96 0.00	48.56 4.09 0.00	59.52 5.33 -2.46	62.27 5.39 -2.44	62.83 6.01 -2.22	64.58 6.36 -3.34	64.83 5.35 -4.94	66.95 4.94 -7.69	64.02 5.15 -5.25	64.89 5.39 -5.63	64.15 5.69 -5.30	66.13 5.94 -5.70	75.97 6.45 -14.81	78.85 7.29 -16.35	75.89 6.82 -14.02	65.02 6.45 -4.81	59.54 6.16 -2.04	54.99 5.20 -4.95	50.72 4.48 -3.99	43.04 3.97 -0.14
CANDIGU_WT_PWR 323617	42.49 -2.57 0.00	40.40 -2.22 0.00	39.11 -1.97 0.00	40.72 -1.92 0.00	40.83 -1.79 0.00	42.79 -1.69 0.00	49.82 -1.91 0.00	51.72 -2.72 0.00	51.59 -3.00 0.00	50.39 -3.18 1.29	51.11 -3.43 0.00	50.95 -3.37 0.00	50.34 -3.27 0.00	50.54 -3.29 0.04	49.78 -3.35 0.04	50.73 -3.76 0.00	37.88 -3.50 13.32	36.12 -2.81 16.27	4.29 -3.19 47.56	10.05 -3.44 40.27	-12.00 -3.23 60.11	41.54 -3.23 0.07	39.21 -3.04 0.00	36.67 -2.26 0.00
CARR STREET_E__SYR 24060	43.85 -1.21 0.00	41.51 -1.11 0.00	40.01 -1.07 0.00	41.53 -1.11 0.00	41.55 -1.06 0.00	43.46 -1.02 0.00	50.49 -1.24 0.00	53.08 -1.36 0.00	53.45 -1.15 0.00	53.76 -1.21 -0.10	53.24 -1.31 0.00	53.02 -1.30 0.00	52.33 -1.29 0.00	52.57 -1.29 0.00	51.89 -1.28 0.00	53.07 -1.42 0.00	53.34 -1.37 0.00	54.77 -1.05 -0.61	54.08 -1.21 -0.25	52.42 -1.34 0.00	50.11 -1.23 0.00	43.85 -0.99 0.00	41.28 -0.97 0.00	38.11 -0.82 0.00
CARTHAGE___PAPER 23857	44.25 -0.81 0.00	41.80 -0.81 0.00	40.38 -0.70 0.00	41.91 -0.73 0.00	42.06 -0.56 0.00	44.30 -0.18 0.00	52.14 0.41 0.00	55.58 1.14 0.00	55.31 0.71 0.00	55.58 0.66 -0.05	54.98 0.43 0.00	54.81 0.49 0.00	53.94 0.32 0.00	54.30 0.43 0.00	53.64 0.48 0.00	55.15 0.66 0.00	55.47 0.77 0.00	56.57 1.05 -0.32	55.89 0.71 -0.13	54.73 0.97 0.00	52.37 1.03 0.00	45.20 0.36 0.00	42.04 -0.21 0.00	38.54 -0.39 0.00
CASSADAGA_WT_PWR 323784	41.05 -4.01 0.00	39.12 -3.49 0.00	37.96 -3.12 0.00	39.70 -2.94 0.00	39.85 -2.77 0.00	41.76 -2.71 0.00	48.52 -3.21 0.00	49.70 -4.74 0.00	49.25 -5.35 0.01	49.51 -5.32 0.05	48.98 -5.56 0.01	48.50 -5.81 0.01	47.72 -5.90 0.01	47.99 -5.87 0.01	46.83 -6.33 0.01	47.51 -6.98 0.01	45.88 -6.95 1.88	49.06 -4.75 1.40	41.81 -6.72 6.51	41.16 -6.78 5.82	36.33 -6.32 8.69	38.78 -6.05 0.01	36.93 -5.33 0.00	35.15 -3.78 0.00
CE_DUNWOOD___DRP 24194	47.49 2.43 0.00	44.70 2.09 0.00	43.14 2.05 0.00	44.64 2.00 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.54 3.10 0.00	58.20 3.60 0.00	59.84 3.95 -1.02	57.87 3.33 0.00	57.52 3.20 0.00	56.73 3.11 0.00	56.99 3.12 0.00	56.30 3.14 0.00	57.92 3.43 0.00	58.37 3.67 0.00	65.82 4.20 -6.42	61.67 4.02 -2.61	57.36 3.60 0.00	54.78 3.44 0.00	47.89 3.05 0.00	45.04 2.79 0.00	41.38 2.45 0.00
CE_MILLWOOD___DRP 24193	47.40 2.34 0.00	44.62 2.00 0.00	43.05 1.97 0.00	44.56 1.92 0.00	44.54 1.92 0.00	46.48 2.00 0.00	54.06 2.33 0.00	57.43 2.99 0.00	58.04 3.44 0.00	59.73 3.84 -1.02	57.76 3.22 0.00	57.42 3.10 0.00	56.57 2.95 0.00	56.88 3.02 0.00	56.14 2.98 0.00	57.76 3.27 0.00	58.21 3.50 0.00	65.68 4.09 -6.39	61.49 3.85 -2.60	57.26 3.49 0.00	54.68 3.34 0.00	47.75 2.91 0.00	44.96 2.70 0.00	41.26 2.34 0.00
CE_NYC2_DRP 24202	47.72 2.66 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.61 2.13 0.00	54.06 2.33 0.00	57.54 3.10 0.00	58.26 3.66 0.00	60.07 4.17 -1.02	57.98 3.44 0.00	57.63 3.31 0.00	56.84 3.22 0.00	57.15 3.12 0.00	56.41 3.24 0.00	58.09 3.60 0.00	58.54 3.83 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.25 3.41 0.00	45.47 3.21 0.00	41.73 2.80 0.00
CE_NYC_DRP 24195	47.63 2.57 0.00	44.79 2.17 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.66 2.18 0.00	53.81 2.53 0.45	57.29 3.32 0.46	57.98 3.88 0.50	59.61 4.33 -0.41	57.62 3.60 0.53	57.28 3.48 0.52	56.55 3.38 0.45	56.85 3.45 0.47	56.14 3.40 0.42	57.71 3.76 0.54	58.54 3.94 0.11	65.94 4.47 -6.26	61.37 4.24 -2.09	57.02 3.76 0.50	54.80 3.75 0.29	48.25 3.41 0.00	45.38 3.13 0.00	41.65 2.72 0.00
CHAFFEE___LFGE 323603	41.59 -3.47 0.00	39.63 -2.98 0.00	38.33 -2.75 0.00	39.95 -2.68 0.00	40.02 -2.60 0.00	41.90 -2.58 0.00	48.52 -3.21 0.00	49.54 -4.90 0.00	49.25 -5.35 0.01	49.59 -5.21 0.07	49.03 -5.51 0.01	48.83 -5.48 0.01	48.14 -5.47 0.01	48.52 -5.33 0.01	47.62 -5.53 0.01	48.55 -5.94 0.01	46.90 -5.74 2.06	48.58 -4.97 1.66	42.61 -5.28 7.15	42.09 -5.32 6.35	36.83 -5.03 9.48	39.94 -4.89 0.01	37.99 -4.27 0.00	36.05 -2.88 0.00
CHATEAUG_35_KV_LOAD 355732	45.83 0.77 0.00	43.55 0.94 0.00	41.94 0.86 0.00	43.58 0.94 0.00	43.43 0.81 0.00	45.23 0.76 0.00	52.92 1.19 0.00	55.25 0.82 0.00	55.09 0.49 0.00	54.82 -0.05 0.00	55.15 0.60 0.00	55.41 1.09 0.00	54.69 1.07 0.00	55.11 1.24 0.00	54.17 1.01 0.00	55.42 0.93 0.00	55.04 0.33 0.00	54.71 -0.50 0.00	54.44 -0.61 0.00	53.28 -0.48 0.00	50.83 -0.51 0.00	43.99 -0.85 0.00	41.11 -1.14 0.00	37.64 -1.28 0.00
CHATEAUG_WT_PWR 323614	45.64 0.58 0.00	43.34 0.72 0.00	41.78 0.70 0.00	43.41 0.77 0.00	43.26 0.64 0.00	45.10 0.62 0.00	52.66 0.93 0.00	55.42 0.98 0.00	55.26 0.66 0.00	54.98 0.11 0.00	55.15 0.60 0.00	55.24 0.92 0.00	54.64 1.02 0.00	54.94 1.08 0.00	53.96 0.80 0.00	55.25 0.76 0.00	54.76 0.05 0.00	54.49 -0.72 0.00	54.27 -0.77 0.00	53.06 -0.70 0.00	50.63 -0.72 0.00	43.85 -0.99 0.00	40.94 -1.31 0.00	37.45 -1.48 0.00
CHAT_HIGH_FALL_HYD 323578	45.83 0.77 0.00	43.55 0.94 0.00	41.94 0.86 0.00	43.58 0.94 0.00	43.43 0.81 0.00	45.23 0.76 0.00	52.92 1.19 0.00	55.25 0.82 0.00	55.09 0.49 0.00	54.82 -0.05 0.00	55.15 0.60 0.00	55.41 1.09 0.00	54.69 1.07 0.00	55.11 1.24 0.00	54.17 1.01 0.00	55.42 0.93 0.00	55.04 0.33 0.00	54.71 -0.50 0.00	54.44 -0.61 0.00	53.28 -0.48 0.00	50.83 -0.51 0.00	43.99 -0.85 0.00	41.11 -1.14 0.00	37.64 -1.28 0.00
CHAUTAUQUA___LFGE 323629	41.32 -3.74 0.00	39.33 -3.28 0.00	38.08 -3.00 0.00	39.74 -2.90 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.42 -3.31 0.00	49.48 -4.95 0.00	49.13 -5.46 0.01	49.40 -5.38 0.10	48.92 -5.62 0.01	48.61 -5.70 0.01	47.93 -5.69 0.01	48.25 -5.60 0.01	47.25 -5.90 0.01	48.05 -6.43 0.01	45.90 -6.51 2.30	47.93 -5.30 1.98	40.88 -6.11 8.05	40.53 -6.13 7.10	34.99 -5.75 10.60	39.49 -5.34 0.01	37.56 -4.69 0.00	35.66 -3.27 0.00
CHERRYST_13_KV_LD 356241	47.76 2.70 0.00	44.92 2.30 0.00	43.34 2.26 0.00	44.81 2.17 0.00	44.79 2.17 0.00	46.79 2.31 0.00	53.97 2.69 0.45	57.46 3.48 0.46	58.14 4.04 0.50	59.78 4.50 -0.41	57.83 3.82 0.53	57.49 3.69 0.52	56.76 3.59 0.45	57.01 3.61 0.47	56.35 3.62 0.42	57.88 3.92 0.54	58.76 4.16 0.11	66.16 4.69 -6.26	61.54 4.40 -2.09	57.18 3.92 0.50	54.95 3.90 0.29	48.34 3.50 0.00	45.51 3.25 0.00	41.73 2.80 0.00

CHESTROR_138KV_BK263 355645	46.91 1.85 0.00	44.19 1.58 0.00	42.64 1.56 0.00	44.17 1.53 0.00	44.11 1.49 0.00	46.04 1.56 0.00	53.59 1.86 0.00	56.89 2.45 0.00	57.44 2.84 0.00	58.94 3.13 -0.94	57.11 2.56 0.00	56.76 2.44 0.00	55.98 2.36 0.00	56.24 2.37 0.00	55.56 2.39 0.00	57.16 2.67 0.00	57.61 2.90 0.00	64.59 3.48 -5.91	60.69 3.25 -2.40	56.66 2.90 0.00	54.12 2.77 0.00	47.17 2.33 0.00	44.45 2.20 0.00	40.83 1.91 0.00
CH_MIDHUDSON___DRP 24192	47.67 2.61 0.00	44.96 2.34 0.00	43.34 2.26 0.00	44.90 2.26 0.00	44.83 2.22 0.00	46.79 2.31 0.00	54.52 2.79 0.00	57.81 3.38 0.00	58.42 3.82 0.00	60.08 4.17 -1.04	58.04 3.49 0.00	57.69 3.37 0.00	56.89 3.27 0.00	57.15 3.29 0.00	56.46 3.30 0.00	58.09 3.60 0.00	58.59 3.88 0.00	66.14 4.42 -6.52	61.98 4.29 -2.65	57.58 3.82 0.00	54.99 3.65 0.00	47.84 3.00 0.00	45.13 2.87 0.00	41.42 2.49 0.00
CH_MISC_IPPS 23765	47.81 2.75 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.02 2.39 0.00	44.96 2.34 0.00	46.92 2.44 0.00	54.83 3.10 0.00	57.76 3.32 0.00	58.42 3.82 0.00	60.01 4.12 -1.02	58.31 3.76 0.00	58.06 3.75 0.00	57.21 3.59 0.00	57.48 3.61 0.00	56.83 3.67 0.00	58.36 3.87 0.00	58.98 4.27 0.00	66.51 4.91 -6.40	62.32 4.68 -2.60	58.01 4.25 0.00	55.35 4.01 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.45 2.53 0.00
CH_RES_BVR_FALLS 23983	44.47 -0.59 0.00	42.15 -0.47 0.00	40.59 -0.49 0.00	42.17 -0.47 0.00	42.15 -0.47 0.00	43.99 -0.49 0.00	51.21 -0.52 0.00	53.84 -0.60 0.00	53.89 -0.71 0.00	53.89 -0.99 0.00	53.83 -0.71 0.00	53.67 -0.65 0.00	53.03 -0.59 0.00	53.28 -0.59 0.00	52.47 -0.69 0.00	53.73 -0.76 0.00	53.73 -0.98 0.00	53.77 -1.44 0.00	53.72 -1.32 0.00	52.58 -1.18 0.00	50.21 -1.13 0.00	43.85 -0.99 0.00	41.28 -0.97 0.00	38.03 -0.89 0.00
CH_RES_NIAGARA 23895	40.28 -4.78 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.30 -5.43 0.00	47.25 -7.19 0.00	47.06 -7.53 0.01	47.18 -7.63 0.07	46.74 -7.80 0.01	46.49 -7.82 0.01	46.00 -7.61 0.01	46.05 -7.81 0.01	45.50 -7.66 0.01	45.93 -8.56 0.01	44.51 -8.26 1.94	45.87 -7.73 1.61	40.86 -7.65 6.54	40.44 -7.53 5.80	35.66 -7.03 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.60 -4.32 0.00
CH_RES_SYRACUSE 23985	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.79 -0.85 0.00	41.81 -0.81 0.00	43.72 -0.76 0.00	50.96 -0.77 0.00	53.56 -0.87 0.00	54.38 -0.22 0.00	54.09 -0.88 -0.10	53.51 -1.04 0.00	53.34 -0.98 0.00	52.66 -0.96 0.00	52.90 -0.97 0.00	52.21 -0.96 0.00	53.40 -1.09 0.00	53.62 -1.09 0.00	55.05 -0.77 -0.61	54.41 -0.88 -0.25	52.74 -1.02 0.00	50.42 -0.92 0.00	43.99 -0.85 0.00	41.37 -0.89 0.00	38.15 -0.78 0.00
CLINTON_WT_PWR 323605	45.64 0.58 0.00	43.34 0.72 0.00	41.78 0.70 0.00	43.41 0.77 0.00	43.26 0.64 0.00	45.10 0.62 0.00	52.66 0.93 0.00	55.42 0.98 0.00	55.26 0.66 0.00	54.98 0.11 0.00	55.15 0.60 0.00	55.24 0.92 0.00	54.64 1.02 0.00	54.94 1.08 0.00	53.96 0.80 0.00	55.25 0.76 0.00	54.76 0.05 0.00	54.49 -0.72 0.00	54.27 -0.77 0.00	53.06 -0.70 0.00	50.63 -0.72 0.00	43.85 -0.99 0.00	40.94 -1.31 0.00	37.45 -1.48 0.00
CLINTON___LFGE 323618	46.37 1.31 0.00	44.06 1.45 0.00	42.48 1.40 0.00	44.13 1.49 0.00	43.90 1.28 0.00	45.81 1.33 0.00	53.65 1.92 0.00	56.45 2.02 0.00	56.29 1.69 0.00	55.97 1.10 0.00	56.02 1.47 0.00	56.17 1.85 0.00	55.50 1.88 0.00	55.86 1.99 0.00	54.86 1.70 0.00	56.18 1.69 0.00	55.70 0.99 0.00	55.43 0.22 0.00	55.15 0.11 0.00	53.92 0.16 0.00	51.45 0.10 0.00	44.44 -0.40 0.00	41.45 -0.80 0.00	37.95 -0.97 0.00
COBBLENY_34_KV_TB1 80064	41.77 -3.29 0.00	39.63 -2.98 0.00	38.33 -2.75 0.00	39.95 -2.69 0.00	40.02 -2.60 0.00	41.90 -2.58 0.00	48.47 -3.26 0.00	49.59 -4.84 0.00	49.35 -5.24 0.01	49.54 -5.27 0.07	49.03 -5.51 0.01	48.72 -5.59 0.01	48.15 -5.47 0.01	48.31 -5.55 0.01	47.62 -5.53 0.01	48.33 -6.16 0.01	46.85 -5.80 2.06	48.41 -5.13 1.66	42.55 -5.34 7.15	42.14 -5.27 6.35	36.88 -4.98 9.48	39.94 -4.89 0.01	37.99 -4.27 0.00	35.89 -3.04 0.00
COFFEEN___115KV_TB3 355620	44.52 -0.54 0.00	42.02 -0.60 0.00	40.59 -0.49 0.00	42.08 -0.55 0.00	42.19 -0.43 0.00	44.48 0.00 0.00	52.30 0.57 0.00	55.91 1.47 0.00	55.53 0.93 0.00	55.86 0.93 -0.06	55.20 0.65 0.00	54.97 0.65 0.00	54.05 0.43 0.00	54.46 0.59 0.00	53.85 0.69 0.00	55.36 0.87 0.00	55.80 1.09 0.00	57.05 1.49 -0.35	56.29 1.10 -0.14	55.16 1.40 0.00	52.78 1.44 0.00	45.51 0.67 0.00	42.30 0.04 0.00	38.77 -0.16 0.00
COLDSPRG_115KV_BK1 355956	42.54 -2.52 0.00	40.40 -2.22 0.00	39.15 -1.93 0.00	40.85 -1.79 0.00	40.96 -1.66 0.00	42.97 -1.51 0.00	49.87 -1.86 0.00	51.17 -3.27 0.00	50.83 -3.77 0.01	51.18 -3.73 -0.04	50.50 -4.04 0.01	49.97 -4.35 0.01	49.33 -4.29 0.01	49.60 -4.26 0.01	48.64 -4.52 0.01	49.42 -5.07 0.01	49.00 -4.49 1.22	51.70 -3.04 0.47	46.89 -4.07 4.08	45.87 -4.09 3.80	41.82 -3.85 5.68	40.30 -4.53 0.01	38.33 -3.93 0.00	36.40 -2.53 0.00
COLONIE_LFGE___ 323577	47.13 2.07 0.00	44.53 1.92 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.49 1.87 0.00	46.57 2.09 0.00	54.11 2.38 0.00	56.94 2.51 0.00	57.44 2.84 0.00	59.18 2.96 -1.35	57.16 2.62 0.00	56.93 2.61 0.00	56.19 2.57 0.00	56.35 2.48 0.00	55.66 2.50 0.00	57.16 2.67 0.00	57.55 2.84 0.00	66.88 3.20 -8.48	61.57 3.08 -3.44	56.56 2.79 0.00	53.96 2.62 0.00	47.17 2.33 0.00	44.49 2.24 0.00	40.91 1.98 0.00
COOPERNY_115KV_TB1 80082	46.32 1.26 0.00	43.72 1.11 0.00	42.15 1.07 0.00	43.70 1.07 0.00	43.68 1.07 0.00	45.59 1.11 0.00	53.02 1.29 0.00	56.18 1.74 0.00	56.62 2.02 0.00	57.96 2.30 -0.78	56.35 1.80 0.00	56.06 1.74 0.00	55.28 1.66 0.00	55.54 1.67 0.00	54.86 1.70 0.00	56.34 1.85 0.00	56.79 2.08 0.00	62.59 2.48 -4.90	59.40 2.37 -1.99	55.86 2.10 0.00	53.35 2.00 0.00	46.50 1.66 0.00	43.82 1.56 0.00	40.29 1.36 0.00
COPENHAGEN_WT_PWR 323753	44.20 -0.86 0.00	41.72 -0.90 0.00	40.30 -0.78 0.00	41.79 -0.85 0.00	41.89 -0.72 0.00	44.08 -0.40 0.00	51.83 0.10 0.00	55.25 0.82 0.00	54.98 0.38 0.00	55.37 0.44 -0.06	54.71 0.16 0.00	54.54 0.22 0.00	53.67 0.05 0.00	54.03 0.16 0.00	53.38 0.21 0.00	54.87 0.38 0.00	55.20 0.49 0.00	56.40 0.83 -0.36	55.74 0.55 -0.15	54.51 0.75 0.00	52.16 0.82 0.00	45.06 0.23 0.00	41.92 -0.34 0.00	38.50 -0.43 0.00
CORNELL_____ 23752	45.20 0.14 0.00	42.70 0.09 0.00	41.21 0.12 0.00	42.77 0.13 0.00	42.79 0.17 0.00	44.83 0.36 0.00	52.35 0.62 0.00	54.98 0.54 0.00	55.42 0.82 0.00	55.76 0.66 -0.22	54.87 0.33 0.00	54.54 0.22 0.00	53.83 0.21 0.00	54.08 0.22 0.00	53.38 0.21 0.00	54.65 0.16 0.00	55.15 0.44 0.00	57.69 1.10 -1.37	56.48 0.88 -0.56	54.46 0.70 0.00	52.06 0.72 0.00	45.20 0.36 0.00	42.42 0.17 0.00	39.16 0.23 0.00

CORONAAV_69_KV_TB1 355595	97.13 3.69 -48.37	66.22 3.37 -20.24	44.30 3.16 -0.05	45.80 3.11 -0.05	45.78 3.11 -0.05	47.73 3.20 -0.05	98.41 3.93 -42.75	101.48 4.68 -42.37	98.43 5.19 -38.64	101.71 5.54 -41.29	97.13 4.69 -37.89	108.24 4.51 -49.41	91.97 4.45 -33.89	92.23 4.42 -33.94	91.76 4.41 -34.18	95.85 4.74 -36.61	102.56 4.98 -42.87	101.96 5.58 -41.18	94.72 5.34 -34.33	89.79 4.95 -31.08	91.64 4.88 -35.42	84.10 4.21 -35.04	115.52 4.01 -69.25	44.98 3.54 -2.51
CORTLAND_115KV_TB3 80093	44.88 -0.18 0.00	42.44 -0.17 0.00	40.96 -0.12 0.00	42.51 -0.13 0.00	42.53 -0.09 0.00	44.52 0.04 0.00	51.94 0.21 0.00	54.76 0.33 0.00	55.09 0.49 0.00	55.51 0.44 -0.19	54.65 0.11 0.00	54.37 0.05 0.00	53.67 0.05 0.00	53.92 0.05 0.00	53.22 0.05 0.00	54.49 0.00 0.00	54.93 0.22 0.00	57.07 0.66 -1.20	55.97 0.44 -0.49	54.08 0.32 0.00	51.65 0.31 0.00	44.93 0.09 0.00	42.21 -0.04 0.00	39.00 0.08 0.00
COXSACKIE___GT 23611	48.39 3.33 0.00	45.98 3.37 0.00	44.25 3.16 0.00	45.88 3.24 0.00	45.82 3.20 0.00	47.90 3.43 0.00	56.23 4.50 0.00	58.68 4.25 0.00	59.19 4.59 0.00	60.29 4.17 -1.24	58.36 3.82 0.00	57.96 3.64 0.00	57.16 3.54 0.00	57.53 3.66 0.00	56.88 3.72 0.00	58.90 4.41 0.00	59.64 4.93 0.00	67.46 4.36 -7.89	63.14 4.90 -3.21	58.01 4.25 0.00	55.20 3.85 0.00	47.84 3.00 0.00	45.43 3.17 0.00	41.81 2.88 0.00
CPV_VALLEY___CC1 323721	46.54 1.48 0.00	43.89 1.28 0.00	42.31 1.23 0.00	43.83 1.19 0.00	43.81 1.19 0.00	45.72 1.24 0.00	53.28 1.55 0.00	56.23 1.79 0.00	56.73 2.13 0.00	58.23 2.47 -0.89	56.67 2.13 0.00	56.44 2.12 0.00	55.66 2.04 0.00	55.86 1.99 0.00	55.23 2.07 0.00	56.73 2.24 0.00	57.23 2.52 0.00	63.87 3.09 -5.57	60.16 2.86 -2.26	56.29 2.53 0.00	53.76 2.41 0.00	46.81 1.97 0.00	44.07 1.82 0.00	40.48 1.56 0.00
CPV_VALLEY___CC2 323722	46.54 1.48 0.00	43.89 1.28 0.00	42.31 1.23 0.00	43.83 1.19 0.00	43.81 1.19 0.00	45.72 1.24 0.00	53.28 1.55 0.00	56.23 1.79 0.00	56.73 2.13 0.00	58.23 2.47 -0.89	56.67 2.13 0.00	56.44 2.12 0.00	55.66 2.04 0.00	55.86 1.99 0.00	55.23 2.07 0.00	56.73 2.24 0.00	57.23 2.52 0.00	63.87 3.09 -5.57	60.16 2.86 -2.26	56.29 2.53 0.00	53.76 2.41 0.00	46.81 1.97 0.00	44.07 1.82 0.00	40.48 1.56 0.00
CRESCENT___HYD 24018	47.13 2.07 0.00	44.53 1.92 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.49 1.87 0.00	46.57 2.09 0.00	54.11 2.38 0.00	56.94 2.51 0.00	57.44 2.84 0.00	59.18 2.96 -1.35	57.16 2.62 0.00	56.93 2.61 0.00	56.19 2.57 0.00	56.35 2.48 0.00	55.66 2.50 0.00	57.16 2.67 0.00	57.55 2.84 0.00	66.88 3.20 -8.48	61.57 3.08 -3.44	56.56 2.79 0.00	53.96 2.62 0.00	47.17 2.33 0.00	44.49 2.24 0.00	40.91 1.98 0.00
CRICKET___VALLEY_CC1 323756	47.36 2.30 0.00	44.62 2.00 0.00	43.05 1.97 0.00	44.60 1.96 0.00	44.58 1.96 0.00	46.53 2.05 0.00	54.11 2.38 0.00	57.05 2.61 0.00	57.60 3.00 0.00	59.30 3.35 -1.08	57.43 2.89 0.00	57.14 2.82 0.00	56.35 2.73 0.00	56.56 2.69 0.00	55.93 2.76 0.00	57.43 2.94 0.00	57.94 3.23 0.00	65.77 3.76 -6.81	61.33 3.53 -2.77	56.99 3.23 0.00	54.42 3.08 0.00	47.44 2.60 0.00	44.79 2.54 0.00	41.10 2.18 0.00
CRICKET___VALLEY_CC2 323757	47.36 2.30 0.00	44.62 2.00 0.00	43.05 1.97 0.00	44.60 1.96 0.00	44.58 1.96 0.00	46.53 2.05 0.00	54.11 2.38 0.00	57.05 2.61 0.00	57.60 3.00 0.00	59.30 3.35 -1.08	57.43 2.89 0.00	57.14 2.82 0.00	56.35 2.73 0.00	56.56 2.69 0.00	55.93 2.76 0.00	57.43 2.94 0.00	57.94 3.23 0.00	65.77 3.76 -6.81	61.33 3.53 -2.77	56.99 3.23 0.00	54.42 3.08 0.00	47.44 2.60 0.00	44.79 2.54 0.00	41.10 2.18 0.00
CRICKET___VALLEY_CC3 323758	47.36 2.30 0.00	44.62 2.00 0.00	43.05 1.97 0.00	44.60 1.96 0.00	44.58 1.96 0.00	46.53 2.05 0.00	54.11 2.38 0.00	57.05 2.61 0.00	57.60 3.00 0.00	59.30 3.35 -1.08	57.43 2.89 0.00	57.14 2.82 0.00	56.35 2.73 0.00	56.56 2.69 0.00	55.93 2.76 0.00	57.43 2.94 0.00	57.94 3.23 0.00	65.77 3.76 -6.81	61.33 3.53 -2.77	56.99 3.23 0.00	54.42 3.08 0.00	47.44 2.60 0.00	44.79 2.54 0.00	41.10 2.18 0.00
CRUCIBLE_METL_DRP 24180	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.81 -0.81 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.67 -0.76 0.00	54.44 -0.16 0.00	54.16 -0.82 -0.11	53.56 -0.98 0.00	53.29 -1.03 0.00	52.65 -0.97 0.00	52.84 -1.02 0.00	52.21 -0.96 0.00	53.35 -1.14 0.00	53.62 -1.09 0.00	55.03 -0.77 0.00	54.35 -0.94 0.00	52.74 -1.02 0.00	50.37 -0.98 0.00	43.99 -0.85 0.00	41.37 -0.89 0.00	38.15 -0.78 0.00
DAHOWA___HYDRO 323763	47.09 2.03 0.00	44.58 1.96 0.00	42.93 1.85 0.00	44.39 1.75 0.00	44.41 1.79 0.00	46.75 2.27 0.00	54.57 2.84 0.00	57.59 3.16 0.00	58.26 3.66 0.00	60.02 3.78 -1.36	57.87 3.33 0.00	57.63 3.31 0.00	56.78 3.16 0.00	56.77 2.91 0.00	56.08 2.92 0.00	57.65 3.16 0.00	58.05 3.34 0.00	67.43 3.64 -8.58	62.16 3.63 -3.48	56.99 3.23 0.00	54.32 2.98 0.00	47.35 2.51 0.00	44.62 2.36 0.00	40.95 2.02 0.00
DANC___LFGE 323619	43.80 -1.26 0.00	41.38 -1.24 0.00	39.93 -1.15 0.00	41.44 -1.19 0.00	41.51 -1.11 0.00	43.59 -0.89 0.00	51.06 -0.67 0.00	54.17 -0.27 0.00	54.05 -0.55 0.00	54.44 -0.49 -0.07	53.83 -0.71 0.00	53.67 -0.65 0.00	52.87 -0.75 0.00	53.17 -0.70 0.00	52.53 -0.64 0.00	53.89 -0.60 0.00	54.22 -0.49 0.00	55.46 -0.17 -0.42	54.83 -0.38 -0.17	53.49 -0.27 0.00	51.14 -0.20 0.00	44.35 -0.49 0.00	41.41 -0.84 0.00	38.07 -0.86 0.00
DANSKAMMER___1 23586	47.81 2.75 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.02 2.39 0.00	44.96 2.34 0.00	46.92 2.44 0.00	54.83 3.10 0.00	57.76 3.32 0.00	58.42 3.82 0.00	60.01 4.12 -1.02	58.31 3.76 0.00	58.06 3.75 0.00	57.21 3.59 0.00	57.48 3.61 0.00	56.83 3.67 0.00	58.36 3.87 0.00	58.98 4.27 0.00	66.51 4.91 -6.40	62.32 4.68 -2.60	58.01 4.25 0.00	55.35 4.01 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.45 2.53 0.00
DANSKAMMER___2 23589	47.81 2.75 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.02 2.39 0.00	44.96 2.34 0.00	46.92 2.44 0.00	54.83 3.10 0.00	57.76 3.32 0.00	58.42 3.82 0.00	60.01 4.12 -1.02	58.31 3.76 0.00	58.06 3.75 0.00	57.21 3.59 0.00	57.48 3.61 0.00	56.83 3.67 0.00	58.36 3.87 0.00	58.98 4.27 0.00	66.51 4.91 -6.40	62.32 4.68 -2.60	58.01 4.25 0.00	55.35 4.01 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.45 2.53 0.00
DANSKAMMER___3 23590	47.81 2.75 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.02 2.39 0.00	44.96 2.34 0.00	46.92 2.44 0.00	54.83 3.10 0.00	57.76 3.32 0.00	58.42 3.82 0.00	60.01 4.12 -1.02	58.31 3.76 0.00	58.06 3.75 0.00	57.21 3.59 0.00	57.48 3.61 0.00	56.83 3.67 0.00	58.36 3.87 0.00	58.98 4.27 0.00	66.51 4.91 -6.40	62.32 4.68 -2.60	58.01 4.25 0.00	55.35 4.01 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.45 2.53 0.00

DANSKAMMER___4 23591	47.81 2.75 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.02 2.39 0.00	44.96 2.34 0.00	46.92 2.44 0.00	54.83 3.10 0.00	57.76 3.32 0.00	58.42 3.82 0.00	60.01 4.12 -1.02	58.31 3.76 0.00	58.06 3.75 0.00	57.21 3.59 0.00	57.48 3.61 0.00	56.83 3.67 0.00	58.36 3.87 0.00	58.98 4.27 0.00	66.51 4.91 -6.40	62.32 4.68 -2.60	58.01 4.25 0.00	55.35 4.01 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.45 2.53 0.00
DANSKAMMER___DIESEL 23592	47.76 2.70 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.03 2.39 0.00	44.96 2.34 0.00	46.93 2.45 0.00	54.73 3.00 0.00	57.97 3.54 0.00	58.64 4.04 0.00	60.28 4.39 -1.02	58.25 3.71 0.00	57.96 3.64 0.00	57.11 3.49 0.00	57.37 3.50 0.00	56.67 3.51 0.00	58.36 3.87 0.00	58.81 4.10 0.00	66.30 4.69 -6.40	62.21 4.57 -2.60	57.85 4.09 0.00	55.20 3.85 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.49 2.57 0.00
DARBY___SOLAR 323810	47.04 1.98 0.00	44.53 1.92 0.00	42.93 1.85 0.00	44.39 1.75 0.00	44.41 1.79 0.00	46.70 2.22 0.00	54.47 2.74 0.00	57.48 3.05 0.00	58.10 3.50 0.00	59.85 3.62 -1.36	57.71 3.16 0.00	57.47 3.15 0.00	56.67 3.05 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.60 3.10 0.00	57.94 3.23 0.00	67.30 3.54 -8.56	62.04 3.53 -3.48	56.88 3.12 0.00	54.27 2.93 0.00	47.30 2.46 0.00	44.58 2.32 0.00	40.95 2.02 0.00
DASHVILLE___HYD 23610	48.08 3.02 0.00	45.38 2.77 0.00	43.75 2.67 0.00	45.32 2.69 0.00	45.26 2.64 0.00	47.24 2.76 0.00	55.25 3.52 0.00	58.52 4.08 0.00	59.13 4.53 0.00	60.42 4.50 -1.05	58.64 4.09 0.00	58.28 3.97 0.00	57.43 3.81 0.00	57.75 3.88 0.00	57.04 3.88 0.00	58.80 4.30 0.00	59.41 4.70 0.00	66.90 5.08 -6.61	62.68 4.95 -2.68	58.39 4.62 0.00	55.71 4.36 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.69 2.76 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	53.40 5.54 -2.79	48.68 4.90 -1.16	45.60 4.52 0.00	47.07 4.43 0.00	47.09 4.47 0.00	49.01 4.54 0.00	59.89 5.69 -2.47	63.25 6.37 -2.45	63.66 6.82 -2.23	65.41 7.19 -3.35	65.21 5.73 -4.94	67.17 5.16 -7.69	64.29 5.42 -5.26	65.22 5.71 -5.64	64.37 5.90 -5.30	66.46 6.27 -5.70	76.20 6.67 -14.81	79.08 7.51 -16.36	76.17 7.10 -14.03	65.14 6.56 -4.82	59.65 6.26 -2.04	55.18 5.38 -4.96	50.86 4.61 -4.00	43.23 4.17 -0.14
DELAWARE___LFGE 323621	46.23 1.17 0.00	43.68 1.07 0.00	42.15 1.07 0.00	43.75 1.11 0.00	43.73 1.11 0.00	45.64 1.16 0.00	53.18 1.45 0.00	56.34 1.91 0.00	56.62 2.02 0.00	57.55 2.19 -0.48	56.40 1.85 0.00	56.06 1.74 0.00	55.28 1.66 0.00	55.54 1.67 0.00	54.81 1.65 0.00	56.23 1.74 0.00	56.63 1.91 0.00	60.47 2.26 -3.00	58.35 2.09 -1.22	55.70 1.94 0.00	53.19 1.85 0.00	46.32 1.48 0.00	43.56 1.31 0.00	40.13 1.21 0.00
DERFIELD_115KV_TB7 355931	45.20 0.14 0.00	42.74 0.13 0.00	41.21 0.12 0.00	42.77 0.13 0.00	42.75 0.13 0.00	44.66 0.18 0.00	51.89 0.16 0.00	54.71 0.27 0.00	54.93 0.33 0.00	55.31 0.44 0.00	54.82 0.27 0.00	54.59 0.27 0.00	53.83 0.21 0.00	54.08 0.22 0.00	53.38 0.21 0.00	54.76 0.27 0.00	54.98 0.27 0.00	55.59 0.39 0.00	55.37 0.33 0.00	54.03 0.27 0.00	51.60 0.26 0.00	45.06 0.22 0.00	42.47 0.21 0.00	39.12 0.19 0.00
DOGLEVILLE___HYD 23807	45.91 0.85 0.00	43.42 0.81 0.00	41.90 0.82 0.00	43.49 0.85 0.00	43.51 0.90 0.00	45.46 0.98 0.00	52.87 1.14 0.00	55.74 1.30 0.00	55.86 1.26 0.00	56.25 1.37 0.00	55.80 1.26 0.00	55.62 1.30 0.00	54.85 1.23 0.00	55.05 1.18 0.00	54.23 1.06 0.00	55.47 0.98 0.00	55.42 0.71 0.00	55.98 0.77 0.00	55.71 0.66 0.00	54.30 0.54 0.00	51.81 0.46 0.00	45.24 0.40 0.00	42.59 0.34 0.00	39.27 0.35 0.00
DUNKIRK___115KV_TB_200 55889	41.50 -3.56 0.00	39.38 -3.24 0.00	38.12 -2.96 0.00	39.78 -2.86 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.37 -3.36 0.00	49.54 -4.90 0.00	49.24 -5.35 0.01	49.39 -5.38 0.10	48.92 -5.62 0.01	48.56 -5.76 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.30 -5.85 0.01	47.84 -6.65 0.01	45.91 -6.46 2.34	47.71 -5.47 2.04	40.79 -6.05 8.20	40.57 -5.97 7.23	34.91 -5.65 10.79	39.58 -5.25 0.01	37.69 -4.56 0.00	35.54 -3.39 0.00
DUNKIRK___1 23563	41.50 -3.56 0.00	39.38 -3.24 0.00	38.12 -2.96 0.00	39.78 -2.86 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.37 -3.36 0.00	49.54 -4.90 0.00	49.24 -5.35 0.01	49.39 -5.38 0.10	48.92 -5.62 0.01	48.56 -5.76 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.30 -5.85 0.01	47.84 -6.65 0.01	45.91 -6.46 2.34	47.71 -5.47 2.04	40.79 -6.05 8.20	40.57 -5.97 7.23	34.91 -5.65 10.79	39.58 -5.25 0.01	37.69 -4.56 0.00	35.54 -3.39 0.00
DUNKIRK___2 23564	41.50 -3.56 0.00	39.38 -3.24 0.00	38.12 -2.96 0.00	39.78 -2.86 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.37 -3.36 0.00	49.54 -4.90 0.00	49.24 -5.35 0.01	49.39 -5.38 0.10	48.92 -5.62 0.01	48.56 -5.76 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.30 -5.85 0.01	47.84 -6.65 0.01	45.91 -6.46 2.34	47.71 -5.47 2.04	40.79 -6.05 8.20	40.57 -5.97 7.23	34.91 -5.65 10.79	39.58 -5.25 0.01	37.69 -4.56 0.00	35.54 -3.39 0.00
DUNKIRK___3 23565	41.50 -3.56 0.00	39.38 -3.24 0.00	38.12 -2.96 0.00	39.74 -2.90 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.26 -3.47 0.00	49.48 -4.95 0.00	49.19 -5.41 0.01	49.31 -5.43 0.13	48.87 -5.67 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.04 -5.82 0.01	47.30 -5.85 0.01	47.89 -6.59 0.01	45.78 -6.35 2.58	47.42 -5.41 2.37	40.00 -5.94 9.10	39.93 -5.86 7.97	33.90 -5.55 11.90	39.62 -5.20 0.01	37.69 -4.56 0.00	35.58 -3.35 0.00
DUNKIRK___4 23566	41.50 -3.56 0.00	39.38 -3.24 0.00	38.12 -2.96 0.00	39.74 -2.90 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.26 -3.47 0.00	49.48 -4.95 0.00	49.19 -5.41 0.01	49.31 -5.43 0.13	48.87 -5.67 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.04 -5.82 0.01	47.30 -5.85 0.01	47.89 -6.59 0.01	45.78 -6.35 2.58	47.42 -5.41 2.37	40.00 -5.94 9.10	39.93 -5.86 7.97	33.90 -5.55 11.90	39.62 -5.20 0.01	37.69 -4.56 0.00	35.58 -3.35 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.58 2.52 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.73 2.09 0.00	44.71 2.09 0.00	46.66 2.18 0.00	54.27 2.53 0.00	57.65 3.21 0.00	58.31 3.71 0.00	60.01 4.12 -1.02	58.04 3.49 0.00	57.69 3.37 0.00	56.89 3.27 0.00	57.15 3.29 0.00	56.46 3.30 0.00	58.09 3.60 0.00	58.54 3.83 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.47 3.71 0.00	54.94 3.59 0.00	48.02 3.18 0.00	45.21 2.96 0.00	41.49 2.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.31 2.25 0.00	44.66 2.05 0.00	43.05 1.97 0.00	44.60 1.96 0.00	44.54 1.92 0.00	46.48 2.00 0.00	54.16 2.43 0.00	57.43 2.99 0.00	58.04 3.44 0.00	59.64 3.79 -0.98	57.71 3.16 0.00	57.36 3.04 0.00	56.57 2.95 0.00	56.83 2.96 0.00	56.14 2.98 0.00	57.76 3.27 0.00	58.27 3.56 0.00	65.54 4.14 -6.19	61.52 3.96 -2.52	57.31 3.55 0.00	54.68 3.34 0.00	47.57 2.74 0.00	44.83 2.58 0.00	41.18 2.26 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	47.63 2.57 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.60 1.96 0.00	44.54 1.92 0.00	46.35 1.87 0.00	53.80 2.07 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.74 3.84 -1.02	57.71 3.16 0.00	57.36 3.04 0.00	56.57 2.95 0.00	56.83 2.96 0.00	56.14 2.98 0.00	57.81 3.32 0.00	58.27 3.56 0.00	65.72 4.09 -6.43	61.51 3.85 -2.61	57.15 3.39 0.00	54.68 3.34 0.00	48.07 3.23 0.00	45.34 3.08 0.00	41.77 2.84 0.00
E179THST_13_KV_LOAD 356214	47.81 2.75 0.00	44.92 2.30 0.00	43.34 2.26 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.52 2.05 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.84 3.22 0.00	57.10 3.23 0.00	56.41 3.24 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.25 3.41 0.00	45.55 3.30 0.00	41.92 3.00 0.00
EAST HAMPTON___GT 23717	53.67 5.82 -2.79	48.89 5.11 -1.16	45.76 4.68 0.00	47.24 4.61 0.00	47.22 4.60 0.00	49.06 4.58 0.00	60.15 5.95 -2.47	62.87 5.99 -2.45	63.38 6.55 -2.23	65.13 6.91 -3.35	65.05 5.57 -4.94	67.18 5.16 -7.69	64.24 5.36 -5.26	65.11 5.60 -5.64	64.36 5.90 -5.30	66.30 6.10 -5.70	76.14 6.62 -14.81	79.13 7.56 -16.36	76.01 6.94 -14.03	65.03 6.45 -4.82	59.50 6.11 -2.04	54.86 5.07 -4.96	50.52 4.27 -4.00	43.04 3.97 -0.14
EAST RIVER___6 23660	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	53.96 2.69 0.45	57.13 3.16 0.46	57.82 3.71 0.50	59.45 4.17 -0.41	57.78 3.76 0.53	57.60 3.80 0.52	56.86 3.70 0.45	57.06 3.66 0.47	56.51 3.77 0.42	57.88 3.93 0.54	58.87 4.27 0.11	66.32 4.86 -6.26	61.59 4.46 -2.09	57.40 4.14 0.50	55.06 4.01 0.29	48.25 3.41 0.00	45.38 3.13 0.00	41.57 2.65 0.00
EAST RIVER___7 23524	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	53.96 2.69 0.45	57.13 3.16 0.46	57.82 3.71 0.50	59.45 4.17 -0.41	57.78 3.76 0.53	57.60 3.80 0.52	56.86 3.70 0.45	57.06 3.66 0.47	56.51 3.77 0.42	57.88 3.93 0.54	58.87 4.27 0.11	66.32 4.86 -6.26	61.59 4.46 -2.09	57.40 4.14 0.50	55.06 4.01 0.29	48.25 3.41 0.00	45.38 3.13 0.00	41.57 2.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.49 2.43 0.00	44.70 2.09 0.00	43.14 2.05 0.00	44.64 2.00 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.54 3.10 0.00	58.20 3.60 0.00	59.84 3.95 -1.02	57.87 3.33 0.00	57.52 3.20 0.00	56.73 3.11 0.00	56.99 3.12 0.00	56.30 3.14 0.00	57.92 3.43 0.00	58.37 3.67 0.00	65.82 4.20 -6.42	61.67 4.02 -2.61	57.36 3.60 0.00	54.78 3.44 0.00	47.89 3.05 0.00	45.04 2.79 0.00	41.38 2.45 0.00
EAST_HAMPTON___DIESEL 23722	53.62 5.77 -2.79	48.89 5.11 -1.16	45.76 4.68 0.00	47.24 4.61 0.00	47.18 4.56 0.00	49.01 4.54 0.00	60.09 5.90 -2.47	62.76 5.88 -2.45	63.33 6.49 -2.23	65.08 6.86 -3.35	64.94 5.45 -4.94	67.07 5.05 -7.69	64.13 5.26 -5.26	65.06 5.55 -5.64	64.26 5.80 -5.30	66.19 5.99 -5.70	76.03 6.51 -14.81	79.01 7.45 -16.36	75.89 6.82 -14.03	64.92 6.34 -4.82	59.39 6.00 -2.04	54.77 4.98 -4.96	50.44 4.18 -4.00	42.96 3.89 -0.14
EAST_POINT___SOLAR 323840	48.03 2.97 0.00	45.51 2.90 0.00	43.83 2.75 0.00	45.20 2.56 0.00	45.30 2.69 0.00	47.64 3.16 0.00	55.87 4.14 0.00	58.68 4.25 0.00	58.86 4.26 0.00	60.05 3.68 -1.50	57.43 2.89 0.00	56.44 2.12 0.00	55.66 2.04 0.00	56.67 2.80 0.00	55.66 2.50 0.00	58.30 3.81 0.00	59.20 4.49 0.00	69.54 4.91 -9.42	63.88 5.01 -3.83	58.28 4.52 0.00	55.60 4.26 0.00	48.47 3.63 0.00	45.51 3.25 0.00	41.73 2.80 0.00
EAST_PULASKI___ESR 323781	43.53 -1.53 0.00	41.17 -1.45 0.00	39.73 -1.35 0.00	41.23 -1.41 0.00	41.25 -1.37 0.00	43.23 -1.25 0.00	50.49 -1.24 0.00	53.29 -1.15 0.00	53.29 -1.31 0.00	53.74 -1.21 -0.07	53.13 -1.42 0.00	52.96 -1.36 0.00	52.23 -1.39 0.00	52.52 -1.34 0.00	51.84 -1.33 0.00	53.13 -1.36 0.00	53.40 -1.31 0.00	54.67 -0.99 -0.46	54.07 -1.16 -0.19	52.58 -1.18 0.00	50.26 -1.08 0.00	43.76 -1.08 0.00	41.03 -1.23 0.00	37.80 -1.13 0.00
EAST_RIVER___1 323558	47.67 2.61 0.00	44.79 2.17 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.66 2.18 0.00	54.02 2.74 0.45	57.08 3.10 0.46	57.76 3.66 0.50	59.40 4.12 -0.41	57.67 3.65 0.53	57.55 3.75 0.52	56.76 3.59 0.45	56.95 3.55 0.47	56.41 3.67 0.42	57.82 3.87 0.54	58.75 4.16 0.11	66.21 4.75 -6.26	61.54 4.41 -2.09	57.34 4.08 0.50	55.00 3.95 0.29	48.25 3.41 0.00	45.38 3.13 0.00	41.61 2.68 0.00
EAST_RIVER___2 323559	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.61 2.13 0.00	53.96 2.69 0.45	57.13 3.16 0.46	57.82 3.71 0.50	59.45 4.17 -0.41	57.78 3.76 0.53	57.60 3.80 0.52	56.86 3.70 0.45	57.06 3.66 0.47	56.51 3.77 0.42	57.88 3.93 0.54	58.87 4.27 0.11	66.32 4.86 -6.26	61.59 4.46 -2.09	57.40 4.14 0.50	55.06 4.01 0.29	48.25 3.41 0.00	45.38 3.13 0.00	41.57 2.65 0.00
EAST___DELAWARE_HYD 23607	47.90 2.84 0.00	45.21 2.60 0.00	43.59 2.51 0.00	45.15 2.51 0.00	45.09 2.47 0.00	47.06 2.58 0.00	55.14 3.41 0.00	58.08 3.65 0.00	58.58 3.98 0.00	59.97 4.17 -0.93	58.42 3.87 0.00	58.12 3.80 0.00	57.27 3.65 0.00	57.53 3.66 0.00	56.88 3.72 0.00	58.52 4.03 0.00	59.20 4.49 0.00	66.32 5.25 -5.86	62.43 5.01 -2.38	58.33 4.57 0.00	55.66 4.31 0.00	48.02 3.18 0.00	45.21 2.96 0.00	41.45 2.53 0.00
EIGHT_POINT___WT_PWR 323820	42.36 -2.70 0.00	40.44 -2.17 0.00	39.28 -1.81 0.00	40.93 -1.71 0.00	41.09 -1.53 0.00	43.19 -1.29 0.00	50.28 -1.45 0.00	52.04 -2.39 0.00	51.65 -2.95 0.00	52.66 -3.35 -1.14	50.89 -3.65 0.00	50.90 -3.42 0.00	50.34 -3.27 0.00	50.60 -3.29 -0.02	49.73 -3.45 -0.02	50.40 -4.09 0.00	58.89 -3.83 -8.01	64.09 -3.20 -12.08	80.88 -3.58 -29.41	73.95 -3.92 -24.11	83.59 -3.75 -35.99	40.98 -3.90 -0.04	38.41 -3.84 0.00	35.93 -3.00 0.00
ELBRIDGE_115KV_TB2 80188	43.93 -1.13 0.00	41.55 -1.07 0.00	40.05 -1.03 0.00	41.61 -1.02 0.00	41.60 -1.02 0.00	43.54 -0.93 0.00	50.64 -1.09 0.00	53.40 -1.03 0.00	54.55 -0.05 0.00	53.67 -1.32 -0.12	53.07 -1.47 0.00	52.85 -1.47 0.00	52.17 -1.45 0.00	52.36 -1.51 0.00	51.73 -1.44 0.00	52.91 -1.58 0.00	53.18 -1.53 0.00	54.55 -1.27 -0.61	53.91 -1.38 -0.25	52.31 -1.45 0.00	49.96 -1.39 0.00	43.63 -1.21 0.00	41.03 -1.23 0.00	37.84 -1.09 0.00
ELEC_TRO_TEK 24086	70.51 3.42 -22.03	54.94 3.11 -9.21	44.02 2.92 -0.02	45.51 2.86 -0.02	45.49 2.86 -0.02	47.43 2.94 -0.02	74.82 3.62 -19.47	78.08 4.35 -19.29	77.00 4.80 -17.59	79.45 5.21 -19.36	77.70 4.31 -18.85	83.75 4.13 -25.30	75.04 4.08 -17.34	75.49 4.04 -17.58	74.69 4.04 -17.49	77.60 4.36 -18.75	86.01 4.65 -26.65	87.23 5.19 -26.83	82.59 4.95 -22.60	74.23 4.57 -15.90	71.99 4.52 -16.13	66.44 3.95 -17.65	77.51 3.72 -31.54	43.37 3.31 -1.14

ELLENBURG_WT_PWR 323604	45.64 0.58 0.00	43.34 0.72 0.00	41.78 0.70 0.00	43.41 0.77 0.00	43.26 0.64 0.00	45.10 0.62 0.00	52.66 0.93 0.00	55.42 0.98 0.00	55.26 0.66 0.00	54.98 0.11 0.00	55.15 0.60 0.00	55.24 0.92 0.00	54.64 1.02 0.00	54.94 1.08 0.00	53.96 0.80 0.00	55.25 0.76 0.00	54.76 0.05 0.00	54.49 -0.72 0.00	54.27 -0.77 0.00	53.06 -0.70 0.00	50.63 -0.72 0.00	43.85 -0.99 0.00	40.94 -1.31 0.00	37.45 -1.48 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.28 -3.79 0.00	39.16 -3.45 0.00	37.92 -3.16 0.00	39.48 -3.16 0.00	39.55 -3.07 0.00	41.37 -3.11 0.00	47.80 -3.93 0.00	48.88 -5.55 0.00	48.59 -6.01 0.01	48.70 -6.04 0.14	48.27 -6.27 0.01	48.01 -6.30 0.01	47.50 -6.11 0.01	47.55 -6.30 0.01	46.88 -6.27 0.01	47.51 -6.97 0.01	45.28 -6.84 2.59	46.60 -6.18 2.42	39.41 -6.38 9.25	39.39 -6.29 8.08	33.38 -5.90 12.06	39.53 -5.29 0.01	37.61 -4.65 0.00	35.42 -3.50 0.00
EMPIRE_CC_1 323656	47.13 2.07 0.00	44.49 1.87 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.49 1.87 0.00	46.43 1.95 0.00	53.80 2.07 0.00	56.62 2.18 0.00	57.06 2.46 0.00	58.81 2.63 -1.30	56.84 2.29 0.00	56.60 2.28 0.00	55.87 2.25 0.00	56.08 2.21 0.00	55.40 2.23 0.00	56.89 2.39 0.00	57.28 2.57 0.00	66.30 2.92 -8.17	61.17 2.81 -3.32	56.29 2.53 0.00	53.76 2.41 0.00	47.04 2.20 0.00	44.45 2.20 0.00	40.87 1.95 0.00
EMPIRE_CC_2 323658	47.13 2.07 0.00	44.49 1.87 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.49 1.87 0.00	46.43 1.95 0.00	53.80 2.07 0.00	56.62 2.18 0.00	57.06 2.46 0.00	58.81 2.63 -1.30	56.84 2.29 0.00	56.60 2.28 0.00	55.87 2.25 0.00	56.08 2.21 0.00	55.40 2.23 0.00	56.89 2.39 0.00	57.28 2.57 0.00	66.30 2.92 -8.17	61.17 2.81 -3.32	56.29 2.53 0.00	53.76 2.41 0.00	47.04 2.20 0.00	44.45 2.20 0.00	40.87 1.95 0.00
ENORWICH_115KV_TB1 80156	47.22 2.16 0.00	44.53 1.92 0.00	43.05 1.97 0.00	44.68 2.05 0.00	44.62 2.00 0.00	47.01 2.54 0.00	55.14 3.41 0.00	63.09 8.66 0.00	62.46 7.86 0.00	63.19 7.90 -0.42	61.64 7.09 0.00	61.38 7.06 0.00	59.95 6.33 0.00	60.44 6.57 0.00	59.75 6.59 0.00	61.25 6.76 0.00	61.99 7.28 0.00	61.86 4.03 -2.62	59.63 3.52 -1.06	57.31 3.55 0.00	54.78 3.44 0.00	47.31 2.47 0.00	44.16 1.90 0.00	40.64 1.71 0.00
ERIE_ST_34_KV_TB1-2 80199	42.18 -2.88 0.00	40.02 -2.60 0.00	38.74 -2.34 0.00	40.34 -2.30 0.00	40.44 -2.17 0.00	42.30 -2.18 0.00	48.99 -2.74 0.00	50.03 -4.41 0.00	49.84 -4.75 0.01	50.12 -4.66 0.09	49.58 -4.96 0.01	49.21 -5.11 0.01	48.63 -4.99 0.01	48.90 -4.96 0.01	48.15 -5.00 0.01	49.04 -5.45 0.01	47.72 -4.76 2.23	49.33 -3.97 1.90	43.08 -4.24 7.73	42.69 -4.25 6.83	37.16 -4.00 10.18	40.25 -4.57 0.01	38.28 -3.97 0.00	36.24 -2.69 0.00
ERIE_WT_PWR 323693	41.45 -3.61 0.00	39.46 -3.15 0.00	38.20 -2.88 0.00	39.82 -2.82 0.00	39.89 -2.73 0.00	41.72 -2.76 0.00	48.31 -3.42 0.00	49.32 -5.12 0.00	49.08 -5.51 0.01	49.31 -5.43 0.13	48.87 -5.67 0.01	48.66 -5.65 0.01	47.98 -5.63 0.01	48.31 -5.55 0.01	47.41 -5.74 0.01	48.33 -6.16 0.01	46.08 -6.13 2.50	47.62 -5.30 2.28	40.60 -5.67 8.77	40.37 -5.70 7.69	34.52 -5.34 11.48	39.81 -5.02 0.01	37.86 -4.40 0.00	35.89 -3.04 0.00
ESPRGFLD_115KV_TB1 80157	46.64 1.58 0.00	44.11 1.49 0.00	42.52 1.44 0.00	44.04 1.41 0.00	44.07 1.45 0.00	46.21 1.73 0.00	54.06 2.33 0.00	57.21 2.78 0.00	57.44 2.84 0.00	57.62 2.74 0.00	56.78 2.24 0.00	56.38 2.06 0.00	55.50 1.88 0.00	55.97 2.10 0.00	55.18 2.02 0.00	56.89 2.40 0.00	57.44 2.74 0.00	58.30 3.09 0.00	58.07 3.03 0.00	56.50 2.74 0.00	53.96 2.62 0.00	47.04 2.20 0.00	44.07 1.82 0.00	40.48 1.56 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.11 0.05 0.00	42.66 0.04 0.00	41.16 0.08 0.00	42.72 0.09 0.00	42.70 0.09 0.00	44.79 0.31 0.00	52.25 0.52 0.00	54.87 0.44 0.00	55.31 0.71 0.00	55.65 0.55 -0.22	54.76 0.22 0.00	54.48 0.16 0.00	53.73 0.11 0.00	53.97 0.11 0.00	53.27 0.11 0.00	54.60 0.11 0.00	55.04 0.11 0.00	57.57 0.33 -1.37	56.37 0.99 -0.56	54.35 0.77 0.00	51.96 0.59 0.00	45.15 0.62 0.00	42.38 0.31 0.00	39.12 0.13 0.19
ETNA____115KV_TB2 80207	45.11 0.05 0.00	42.66 0.04 0.00	41.16 0.08 0.00	42.72 0.09 0.00	42.70 0.09 0.00	44.79 0.31 0.00	52.25 0.52 0.00	54.87 0.44 0.00	55.31 0.71 0.00	55.65 0.55 -0.22	54.76 0.22 0.00	54.48 0.16 0.00	53.73 0.11 0.00	53.97 0.11 0.00	53.27 0.11 0.00	54.60 0.11 0.00	55.04 0.11 0.00	57.57 0.33 -1.37	56.37 0.99 -0.56	54.35 0.77 0.00	51.96 0.59 0.00	45.15 0.62 0.00	42.38 0.31 0.00	39.12 0.13 0.19
EUCLID____115KV_TB2 356179	43.66 -1.40 0.00	41.29 -1.32 0.00	39.85 -1.23 0.00	41.36 -1.28 0.00	41.34 -1.28 0.00	43.23 -1.25 0.00	50.28 -1.45 0.00	52.97 -1.47 0.00	53.29 -1.31 0.00	53.59 -1.37 -0.09	53.02 -1.53 0.00	52.74 -1.58 0.00	52.12 -1.50 0.00	52.30 -1.56 0.00	51.67 -1.49 0.00	52.86 -1.63 0.00	53.07 -1.64 0.00	54.43 -1.32 -0.55	53.78 -1.49 -0.22	52.20 -1.56 0.00	49.91 -1.44 0.00	43.58 -1.26 0.00	41.03 -1.23 0.00	37.87 -1.05 0.00
E_CANADA_CAP_HY 24051	47.18 2.12 0.00	44.66 2.05 0.00	43.05 1.97 0.00	44.43 1.79 0.00	44.54 1.92 0.00	46.75 2.27 0.00	54.73 3.00 0.00	57.48 3.05 0.00	57.77 3.17 0.00	59.34 2.91 -1.56	56.84 2.29 0.00	56.49 2.18 0.00	55.60 1.99 0.00	56.18 2.31 0.00	55.40 2.23 0.00	57.27 2.78 0.00	57.99 3.28 0.00	68.68 3.70 -9.78	62.76 3.74 -3.97	57.10 3.33 0.00	54.48 3.13 0.00	47.67 2.83 0.00	44.75 2.49 0.00	41.03 2.10 0.00
E_CANADA_MHWK_HY 24050	45.91 0.85 0.00	43.42 0.81 0.00	41.90 0.82 0.00	43.49 0.85 0.00	43.51 0.90 0.00	45.46 0.98 0.00	52.87 1.14 0.00	55.74 1.30 0.00	55.86 1.26 0.00	56.25 1.37 0.00	55.80 1.26 0.00	55.62 1.30 0.00	54.85 1.23 0.00	55.05 1.18 0.00	54.23 1.06 0.00	55.47 0.98 0.00	55.42 0.71 0.00	55.98 0.77 0.00	55.71 0.66 0.00	54.30 0.54 0.00	51.81 0.46 0.00	45.24 0.40 0.00	42.59 0.34 0.00	39.27 0.35 0.00
E_FISHKILL____LBMP 23776	47.31 2.25 0.00	44.58 1.96 0.00	43.01 1.93 0.00	44.51 1.88 0.00	44.49 1.88 0.00	46.44 1.96 0.00	54.01 2.28 0.00	57.32 2.89 0.00	57.93 3.33 0.00	59.59 3.68 -1.04	57.60 3.05 0.00	57.25 2.93 0.00	56.46 2.84 0.00	56.72 2.85 0.00	55.98 2.82 0.00	57.60 3.11 0.00	58.05 3.34 0.00	65.62 3.86 -6.55	61.33 3.63 -2.66	57.04 3.28 0.00	54.53 3.18 0.00	47.62 2.78 0.00	44.83 2.58 0.00	41.18 2.26 0.00
FALCON____SEABRD_CC1 323796	46.05 0.99 0.00	43.77 1.15 0.00	42.19 1.11 0.00	43.83 1.19 0.00	43.64 1.02 0.00	45.46 0.98 0.00	53.18 1.45 0.00	55.96 1.52 0.00	55.80 1.20 0.00	55.53 0.66 0.00	55.64 1.09 0.00	55.73 1.41 0.00	55.12 1.50 0.00	55.43 1.56 0.00	54.44 1.27 0.00	55.75 1.25 0.00	55.26 0.55 0.00	54.93 -0.27 0.00	54.71 -0.33 0.00	53.49 -0.27 0.00	51.04 -0.31 0.00	44.12 -0.72 0.00	41.20 -1.05 0.00	37.68 -1.25 0.00

FALCON___SEABRD_CC2 323797	46.05 0.99 0.00	43.77 1.15 0.00	42.19 1.11 0.00	43.83 1.19 0.00	43.64 1.02 0.00	45.46 0.98 0.00	53.18 1.45 0.00	55.96 1.52 0.00	55.80 1.20 0.00	55.53 0.66 0.00	55.64 1.09 0.00	55.73 1.41 0.00	55.12 1.50 0.00	55.43 1.56 0.00	54.44 1.27 0.00	55.75 1.25 0.00	55.26 0.55 0.00	54.93 -0.27 0.00	54.71 -0.33 0.00	53.49 -0.27 0.00	51.04 -0.31 0.00	44.12 -0.72 0.00	41.20 -1.05 0.00	37.68 -1.25 0.00
FAR ROCKAWAY___4 23548	100.52 4.10 -51.36	67.85 3.75 -21.49	44.63 3.49 -0.06	46.15 3.45 -0.06	46.13 3.45 -0.06	48.09 3.56 -0.06	101.57 4.45 -45.39	104.64 5.23 -44.98	101.30 5.68 -41.02	104.74 6.09 -43.77	99.83 5.24 -40.05	111.57 5.11 -52.15	94.43 5.04 -35.77	94.67 5.01 -35.79	94.18 4.94 -36.07	98.41 5.29 -38.64	104.94 5.53 -44.71	104.14 6.13 -42.80	96.60 5.89 -35.66	92.05 5.48 -32.80	94.34 5.39 -37.60	86.47 4.62 -37.02	120.13 4.35 -73.52	45.45 3.85 -2.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.72 2.66 0.00	44.87 2.26 0.00	43.30 2.22 0.00	44.77 2.13 0.00	44.75 2.13 0.00	46.75 2.27 0.00	54.37 2.64 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.28 4.39 -1.02	58.20 3.65 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.37 3.50 0.00	56.62 3.46 0.00	58.31 3.81 0.00	58.70 3.99 0.00	66.16 4.53 -6.43	61.95 4.29 -2.61	57.63 3.87 0.00	55.14 3.80 0.00	48.29 3.45 0.00	45.47 3.21 0.00	41.69 2.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.72 2.66 0.00	44.87 2.26 0.00	43.30 2.22 0.00	44.77 2.13 0.00	44.75 2.13 0.00	46.70 2.22 0.00	54.37 2.64 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.28 4.39 -1.02	58.20 3.65 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.31 3.45 0.00	56.62 3.46 0.00	58.25 3.76 0.00	58.70 3.99 0.00	66.16 4.53 -6.43	61.95 4.29 -2.61	57.58 3.82 0.00	55.14 3.80 0.00	48.29 3.45 0.00	45.42 3.17 0.00	41.69 2.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.71 2.09 0.00	46.70 2.22 0.00	54.32 2.59 0.00	57.76 3.32 0.00	58.48 3.88 0.00	60.23 4.33 -1.02	58.15 3.60 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.26 3.39 0.00	56.57 3.40 0.00	58.20 3.71 0.00	58.65 3.94 0.00	66.11 4.47 -6.43	61.89 4.24 -2.61	57.53 3.76 0.00	55.09 3.75 0.00	48.25 3.41 0.00	45.38 3.13 0.00	41.65 2.72 0.00
FARRAGUT___LBMP 323566	47.63 2.57 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.66 2.18 0.00	54.27 2.53 0.00	57.70 3.27 0.00	58.42 3.82 0.00	60.17 4.28 -1.02	58.09 3.55 0.00	57.74 3.42 0.00	56.94 3.32 0.00	57.26 3.39 0.00	56.51 3.35 0.00	58.14 3.65 0.00	58.59 3.88 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	55.04 3.70 0.00	48.20 3.36 0.00	45.38 3.13 0.00	41.61 2.69 0.00
FENNER___WINDPWR 24204	45.42 0.36 0.00	42.95 0.34 0.00	41.45 0.37 0.00	43.02 0.38 0.00	43.00 0.38 0.00	45.10 0.62 0.00	52.61 0.88 0.00	55.47 1.03 0.00	55.63 1.03 0.00	56.10 1.10 -0.13	55.42 0.87 0.00	55.24 0.92 0.00	54.43 0.81 0.00	54.73 0.86 0.00	54.01 0.85 0.00	55.36 0.87 0.00	55.64 0.93 0.00	57.24 1.21 -0.82	56.42 1.04 -0.33	54.73 0.97 0.00	52.32 0.97 0.00	45.51 0.67 0.00	42.72 0.47 0.00	39.39 0.47 0.00
FIBERTEK___ENERGY 23856	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.81 -0.81 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.67 -0.76 0.00	54.44 -0.16 0.00	54.16 -0.82 -0.11	53.56 -0.98 0.00	53.29 -1.03 0.00	52.65 -0.97 0.00	52.84 -1.02 0.00	52.21 -0.96 0.00	53.35 -1.14 0.00	53.62 -1.09 0.00	55.03 -0.77 -0.60	54.35 -0.94 -0.24	52.74 -1.02 0.00	50.37 -0.98 0.00	43.99 -0.85 0.00	41.37 -0.89 0.00	38.15 -0.78 0.00
FITZPATRICK____ 23598	43.12 -1.94 0.00	40.78 -1.83 0.00	39.36 -1.72 0.00	40.85 -1.79 0.00	40.83 -1.79 0.00	42.70 -1.78 0.00	49.66 -2.07 0.00	52.20 -2.23 0.00	52.31 -2.29 0.00	52.68 -2.25 -0.06	52.26 -2.29 0.00	52.04 -2.28 0.00	51.37 -2.25 0.00	51.61 -2.26 0.00	50.93 -2.23 0.00	52.15 -2.34 0.00	52.30 -2.41 0.00	53.37 -2.21 -0.37	52.93 -2.26 -0.15	51.45 -2.31 0.00	49.14 -2.21 0.00	42.96 -1.88 0.00	40.48 -1.77 0.00	37.33 -1.60 0.00
FLOWRFLD_69_KV_BK1 356044	52.56 4.60 -2.90	47.96 4.13 -1.21	44.90 3.82 0.00	46.39 3.75 0.00	46.41 3.79 0.00	48.43 3.96 0.00	59.31 5.02 -2.57	62.69 5.72 -2.54	63.14 6.22 -2.32	64.90 6.58 -3.44	65.13 5.56 -5.02	67.38 5.27 -7.79	64.20 5.25 -5.33	64.96 5.39 -5.71	63.96 5.42 -5.37	66.10 5.83 -5.78	75.77 6.18 -14.88	78.53 6.90 -16.42	75.73 6.61 -14.08	64.77 6.13 -4.88	59.37 5.90 -2.12	55.03 5.16 -5.03	50.98 4.56 -4.16	43.12 4.05 -0.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.85 2.79 0.00	45.17 2.56 0.00	43.51 2.42 0.00	45.11 2.47 0.00	45.05 2.43 0.00	47.01 2.54 0.00	54.83 3.10 0.00	58.08 3.65 0.00	58.75 4.15 0.00	60.39 4.50 -1.02	58.36 3.82 0.00	58.07 3.75 0.00	57.21 3.59 0.00	57.48 3.61 0.00	56.78 3.62 0.00	58.41 3.92 0.00	58.92 4.21 0.00	66.38 4.75 -6.43	62.28 4.62 -2.61	57.96 4.19 0.00	55.30 3.95 0.00	48.02 3.18 0.00	45.30 3.04 0.00	41.53 2.61 0.00
FORT ORANGE____ 23900	46.68 1.62 0.00	44.15 1.53 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.08 1.60 0.00	53.18 1.45 0.00	55.74 1.30 0.00	56.18 1.58 0.00	57.79 1.59 -1.32	55.91 1.36 0.00	55.62 1.30 0.00	54.96 1.34 0.00	55.16 1.29 0.00	54.54 1.38 0.00	56.07 1.58 0.00	56.51 1.80 0.00	65.37 1.82 -8.34	60.24 1.81 -3.39	55.37 1.61 0.00	52.83 1.49 0.00	46.45 1.61 0.00	44.03 1.77 0.00	40.79 1.87 0.00
FORT_DRUM_COGEN 23780	44.25 -0.81 0.00	41.76 -0.85 0.00	40.34 -0.74 0.00	41.83 -0.81 0.00	41.94 -0.68 0.00	44.17 -0.31 0.00	51.94 0.21 0.00	55.52 1.09 0.00	55.26 0.66 0.00	55.59 0.66 -0.06	54.93 0.38 0.00	54.75 0.43 0.00	53.89 0.27 0.00	54.24 0.38 0.00	53.64 0.48 0.00	55.09 0.60 0.00	55.48 0.77 0.00	56.65 1.10 -0.34	55.90 0.72 -0.14	54.78 1.02 0.00	52.42 1.08 0.00	45.24 0.40 0.00	42.04 -0.21 0.00	38.58 -0.35 0.00
FOX_HILLS___ESR 323835	47.99 2.93 0.00	45.04 2.43 0.00	43.46 2.38 0.00	44.90 2.26 0.00	44.83 2.22 0.00	46.75 2.27 0.00	53.80 2.07 0.00	57.16 2.72 0.00	57.93 3.33 0.00	59.74 3.84 -1.02	57.71 3.16 0.00	57.36 3.04 0.00	56.57 2.95 0.00	56.83 2.96 0.00	56.14 2.98 0.00	57.76 3.27 0.00	58.32 3.61 0.00	65.83 4.20 -6.43	61.62 3.96 -2.61	57.26 3.49 0.00	54.78 3.44 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
FPL FAR_ROCK_GT1 24212	100.52 4.10 -51.36	67.85 3.75 -21.49	44.63 3.49 -0.06	46.15 3.45 -0.06	46.13 3.45 -0.06	48.10 3.56 -0.06	101.72 4.60 -45.39	104.15 4.73 -44.98	101.08 5.46 -41.02	104.52 5.87 -43.77	99.89 5.29 -40.05	111.73 5.27 -52.15	94.59 5.20 -35.77	94.78 5.12 -35.79	94.39 5.16 -36.07	98.47 5.34 -38.64	105.11 5.69 -44.71	104.41 6.40 -42.80	96.76 6.05 -35.66	92.26 5.70 -32.80	94.49 5.55 -37.60	86.47 4.62 -37.02	120.13 4.35 -73.52	45.45 3.85 -2.67

FPL FAR_ROCK_GT2 23815	100.52 4.10 -51.36	67.85 3.75 -21.49	44.63 3.49 -0.06	46.15 3.45 -0.06	46.13 3.45 -0.06	48.10 3.56 -0.06	101.72 4.60 -45.39	104.15 4.73 -44.98	101.08 5.46 -41.02	104.52 5.87 -43.77	99.89 5.29 -40.05	111.73 5.27 -52.15	94.59 5.20 -35.77	94.78 5.12 -35.79	94.39 5.16 -36.07	98.47 5.34 -38.64	105.11 5.69 -44.71	104.41 6.40 -42.80	96.76 6.05 -35.66	92.26 5.70 -32.80	94.49 5.55 -37.60	86.47 4.62 -37.02	120.13 4.35 -73.52	45.45 3.85 -2.67
FRANKLIN_FALL_HYD 24054	46.19 1.13 0.00	43.85 1.24 0.00	42.27 1.19 0.00	43.96 1.32 0.00	43.90 1.28 0.00	45.90 1.42 0.00	53.90 2.17 0.00	56.61 2.18 0.00	56.46 1.86 0.00	56.19 1.32 0.00	56.29 1.75 0.00	56.55 2.23 0.00	55.76 2.14 0.00	56.18 2.32 0.00	55.29 2.13 0.00	56.62 2.13 0.00	56.24 1.53 0.00	56.14 0.94 0.00	55.70 0.66 0.00	54.62 0.86 0.00	52.22 0.87 0.00	44.97 0.13 0.00	41.87 -0.38 0.00	38.34 -0.58 0.00
FREEPORT_EQUS_GT1 23764	67.38 3.83 -18.49	53.80 3.45 -7.73	44.30 3.21 -0.02	45.81 3.16 -0.02	45.83 3.20 -0.02	47.79 3.29 -0.02	72.26 4.19 -16.34	74.93 4.30 -16.19	74.39 5.02 -14.77	76.72 5.43 -16.41	75.58 4.74 -16.29	81.10 4.72 -22.06	73.40 4.66 -15.12	73.83 4.58 -15.39	73.09 4.68 -15.25	75.75 4.91 -16.35	84.49 5.31 -24.47	86.07 5.96 -24.90	81.73 5.67 -21.02	72.95 5.32 -13.86	70.01 5.13 -13.54	64.51 4.35 -15.32	72.79 4.06 -26.47	43.46 3.58 -0.96
FREEPORT___CT2 23818	67.38 3.83 -18.49	53.80 3.45 -7.73	44.30 3.21 -0.02	45.81 3.16 -0.02	45.83 3.20 -0.02	47.79 3.29 -0.02	72.26 4.19 -16.34	74.93 4.30 -16.19	74.39 5.02 -14.77	76.72 5.43 -16.41	75.58 4.74 -16.29	81.10 4.72 -22.06	73.40 4.66 -15.12	73.83 4.58 -15.39	73.09 4.68 -15.25	75.75 4.91 -16.35	84.49 5.31 -24.47	86.07 5.96 -24.90	81.73 5.67 -21.02	72.95 5.32 -13.86	70.01 5.13 -13.54	64.51 4.35 -15.32	72.79 4.06 -26.47	43.46 3.58 -0.96
FRESHKLS_33_KV_LOAD 356253	48.12 3.06 0.00	45.17 2.56 0.00	43.59 2.51 0.00	45.03 2.39 0.00	44.92 2.30 0.00	46.84 2.36 0.00	53.70 1.97 0.00	55.82 2.56 1.17	55.87 3.17 1.89	55.98 3.68 2.57	55.65 2.95 1.84	55.49 2.88 1.71	55.50 2.73 0.86	55.55 2.75 1.06	55.45 2.82 0.53	55.65 3.11 1.94	55.84 3.45 2.31	64.74 4.03 -5.50	60.53 3.80 -1.69	56.30 3.33 0.79	54.62 3.29 0.01	48.56 3.72 0.00	45.72 3.46 0.00	42.00 3.08 0.00
FULTON COGEN____ 23766	43.48 -1.58 0.00	41.08 -1.53 0.00	39.64 -1.44 0.00	41.15 -1.49 0.00	41.13 -1.49 0.00	43.06 -1.42 0.00	50.13 -1.60 0.00	52.86 -1.58 0.00	52.91 -1.69 0.00	53.36 -1.59 -0.08	52.80 -1.75 0.00	52.58 -1.74 0.00	51.90 -1.72 0.00	52.14 -1.72 0.00	51.46 -1.70 0.00	52.64 -1.85 0.00	52.90 -1.81 0.00	54.20 -1.49 -0.49	53.59 -1.65 -0.20	52.04 -1.72 0.00	49.75 -1.59 0.00	43.45 -1.39 0.00	40.86 -1.39 0.00	37.64 -1.28 0.00
FULTON___LFGE 323630	47.76 2.70 0.00	45.21 2.60 0.00	43.55 2.46 0.00	44.94 2.30 0.00	45.05 2.43 0.00	47.28 2.80 0.00	55.35 3.62 0.00	58.14 3.70 0.00	58.53 3.93 0.00	60.03 3.68 -1.48	57.65 3.11 0.00	57.25 2.93 0.00	56.41 2.79 0.00	56.88 3.01 0.00	56.08 2.92 0.00	58.03 3.54 0.00	58.70 3.99 0.00	68.90 4.36 -9.33	63.24 4.41 -3.79	57.74 3.98 0.00	55.09 3.75 0.00	48.07 3.23 0.00	45.17 2.91 0.00	41.42 2.49 0.00
G.F.CEMENT___DRP 24184	46.91 1.85 0.00	44.45 1.83 0.00	42.81 1.73 0.00	44.17 1.53 0.00	44.28 1.66 0.00	46.66 2.18 0.00	54.58 2.85 0.00	57.87 3.43 0.00	58.69 4.09 0.00	60.47 4.23 -1.37	58.15 3.60 0.00	57.85 3.53 0.00	57.00 3.38 0.00	56.88 3.02 0.00	56.14 2.98 0.00	57.71 3.21 0.00	58.05 3.34 0.00	67.29 3.48 -8.61	62.23 3.69 -3.50	56.93 3.17 0.00	54.27 2.93 0.00	47.22 2.38 0.00	44.49 2.24 0.00	40.83 1.91 0.00
GARDENVILLE___LBMP 24039	41.41 -3.65 0.00	39.29 -3.32 0.00	38.04 -3.04 0.00	39.61 -3.03 0.00	39.72 -2.90 0.00	41.54 -2.94 0.00	48.01 -3.72 0.00	49.16 -5.28 0.00	48.92 -5.68 0.01	49.00 -5.71 0.17	48.59 -5.95 0.01	48.28 -6.03 0.01	47.77 -5.84 0.01	47.87 -5.98 0.01	47.20 -5.95 0.01	47.84 -6.65 0.01	45.43 -6.40 2.88	46.74 -5.69 2.78	38.92 -5.94 10.18	39.03 -5.86 8.87	32.56 -5.55 13.24	39.67 -5.16 0.02	37.73 -4.52 0.00	35.58 -3.35 0.00
GARDNVLA_35_KV_LD 355827	41.68 -3.38 0.00	39.55 -3.07 0.00	38.25 -2.83 0.00	39.87 -2.77 0.00	39.93 -2.68 0.00	41.81 -2.67 0.00	48.32 -3.41 0.00	49.43 -5.01 0.00	49.24 -5.35 0.01	49.39 -5.38 0.11	48.92 -5.62 0.01	48.61 -5.70 0.01	48.09 -5.52 0.01	48.20 -5.66 0.01	47.52 -5.64 0.01	48.16 -6.32 0.01	46.22 -6.13 2.36	47.70 -5.41 2.10	41.13 -5.67 8.25	40.92 -5.59 7.26	35.23 -5.29 10.83	39.89 -4.93 0.01	37.94 -4.31 0.00	35.81 -3.11 0.00
GELCKHM___115KV_LOAD 80723	43.84 -1.22 0.00	41.46 -1.15 0.00	39.97 -1.11 0.00	41.53 -1.11 0.00	41.51 -1.11 0.00	43.41 -1.07 0.00	50.54 -1.19 0.00	53.24 -1.20 0.00	53.73 -0.87 0.00	53.82 -1.15 -0.10	53.24 -1.31 0.00	52.96 -1.36 0.00	52.33 -1.29 0.00	52.52 -1.35 0.00	51.83 -1.33 0.00	53.02 -1.47 0.00	53.29 -1.42 0.00	54.61 -1.16 -0.56	54.01 -1.27 -0.23	52.42 -1.34 0.00	50.06 -1.28 0.00	43.76 -1.08 0.00	41.16 -1.10 0.00	37.95 -0.97 0.00
GENERAL___MILLS 23808	41.59 -3.47 0.00	39.46 -3.15 0.00	38.21 -2.88 0.00	39.78 -2.86 0.00	39.89 -2.73 0.00	41.72 -2.76 0.00	48.21 -3.52 0.00	49.37 -5.06 0.00	49.13 -5.46 0.01	49.26 -5.49 0.12	48.81 -5.73 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.41 -5.74 0.01	48.05 -6.43 0.01	46.02 -6.18 2.50	47.46 -5.47 2.28	40.55 -5.72 8.77	40.42 -5.64 7.69	34.52 -5.34 11.48	39.80 -5.02 0.01	37.86 -4.39 0.00	35.73 -3.19 0.00
GE_PLASTICS___DRP 24183	46.55 1.49 0.00	44.02 1.41 0.00	42.44 1.36 0.00	44.00 1.36 0.00	44.02 1.41 0.00	45.95 1.47 0.00	53.23 1.50 0.00	56.18 1.74 0.00	56.57 1.97 0.00	58.23 2.03 -1.33	56.24 1.69 0.00	55.95 1.63 0.00	55.23 1.61 0.00	55.48 1.62 0.00	54.76 1.59 0.00	56.29 1.80 0.00	56.62 1.91 0.00	65.55 1.99 -8.35	60.42 1.98 -3.39	55.59 1.83 0.00	53.04 1.69 0.00	46.36 1.52 0.00	43.86 1.61 0.00	40.40 1.48 0.00
GILBOA___1 23756	46.28 1.22 0.00	43.68 1.07 0.00	42.15 1.07 0.00	43.83 1.19 0.00	43.85 1.24 0.00	45.59 1.11 0.00	53.02 1.29 0.00	55.85 1.41 0.00	56.18 1.58 0.00	57.67 1.76 -1.05	56.07 1.53 0.00	55.79 1.47 0.00	55.07 1.45 0.00	55.27 1.40 0.00	54.65 1.49 0.00	56.01 1.52 0.00	56.46 1.75 0.00	63.88 2.10 -6.58	59.64 1.93 -2.67	55.48 1.72 0.00	52.99 1.64 0.00	46.23 1.39 0.00	43.61 1.35 0.00	40.13 1.21 0.00
GILBOA___2 23757	46.28 1.22 0.00	43.68 1.07 0.00	42.15 1.07 0.00	43.83 1.19 0.00	43.85 1.24 0.00	45.59 1.11 0.00	53.02 1.29 0.00	55.85 1.41 0.00	56.18 1.58 0.00	57.67 1.76 -1.05	56.07 1.53 0.00	55.79 1.47 0.00	55.07 1.45 0.00	55.27 1.40 0.00	54.65 1.49 0.00	56.01 1.52 0.00	56.46 1.75 0.00	63.88 2.10 -6.58	59.64 1.93 -2.67	55.48 1.72 0.00	52.99 1.64 0.00	46.23 1.39 0.00	43.61 1.35 0.00	40.13 1.21 0.00

GILBOA___3 23758	46.28 1.22 0.00	43.68 1.07 0.00	42.15 1.07 0.00	43.83 1.19 0.00	43.85 1.24 0.00	45.59 1.11 0.00	53.02 1.29 0.00	55.85 1.41 0.00	56.18 1.58 0.00	57.67 1.76 -1.05	56.07 1.53 0.00	55.79 1.47 0.00	55.07 1.45 0.00	55.27 1.40 0.00	54.65 1.49 0.00	56.01 1.52 0.00	56.46 1.75 0.00	63.88 2.10 -6.58	59.64 1.93 -2.67	55.48 1.72 0.00	52.99 1.64 0.00	46.23 1.39 0.00	43.61 1.35 0.00	40.13 1.21 0.00
GILBOA___4 23759	46.28 1.22 0.00	43.68 1.07 0.00	42.15 1.07 0.00	43.83 1.19 0.00	43.85 1.24 0.00	45.59 1.11 0.00	53.02 1.29 0.00	55.85 1.41 0.00	56.18 1.58 0.00	57.67 1.76 -1.05	56.07 1.53 0.00	55.79 1.47 0.00	55.07 1.45 0.00	55.27 1.40 0.00	54.65 1.49 0.00	56.01 1.52 0.00	56.46 1.75 0.00	63.88 2.10 -6.58	59.64 1.93 -2.67	55.48 1.72 0.00	52.99 1.64 0.00	46.23 1.39 0.00	43.61 1.35 0.00	40.13 1.21 0.00
GILBOA___ 23599	46.28 1.22 0.00	43.68 1.07 0.00	42.15 1.07 0.00	43.83 1.19 0.00	43.85 1.24 0.00	45.59 1.11 0.00	53.02 1.29 0.00	56.01 1.58 0.00	56.40 1.80 0.00	57.89 1.98 -1.05	56.13 1.58 0.00	55.84 1.52 0.00	55.07 1.45 0.00	55.32 1.45 0.00	54.60 1.44 0.00	56.07 1.58 0.00	56.46 1.75 0.00	63.83 2.04 -6.58	59.64 1.93 -2.67	55.48 1.72 0.00	52.99 1.64 0.00	46.23 1.39 0.00	43.61 1.35 0.00	40.13 1.21 0.00
GINNA___ 23603	40.78 -4.28 0.00	38.70 -3.92 0.00	37.34 -3.74 0.00	38.76 -3.88 0.00	38.82 -3.79 0.00	40.61 -3.87 0.00	47.23 -4.50 0.00	49.38 -5.06 0.00	49.41 -5.19 0.00	49.78 -5.21 -0.12	49.20 -5.34 0.00	49.00 -5.32 0.00	48.31 -5.31 0.00	48.64 -5.22 0.00	47.85 -5.32 0.00	48.82 -5.67 0.00	48.74 -5.96 0.00	50.40 -5.57 -0.76	49.74 -5.61 -0.31	48.06 -5.70 0.00	45.85 -5.49 0.00	40.40 -4.44 0.00	38.07 -4.18 0.00	35.31 -3.62 0.00
GLEN PARK___ 23778	44.39 -0.67 0.00	41.89 -0.72 0.00	40.47 -0.62 0.00	42.00 -0.64 0.00	42.06 -0.56 0.00	44.35 -0.13 0.00	52.19 0.46 0.00	55.74 1.30 0.00	55.42 0.82 0.00	55.75 0.82 -0.06	55.09 0.55 0.00	54.92 0.60 0.00	54.00 0.38 0.00	54.35 0.48 0.00	53.75 0.59 0.00	55.25 0.76 0.00	55.64 0.93 0.00	56.88 1.32 -0.35	56.18 0.99 -0.14	55.00 1.24 0.00	52.63 1.28 0.00	45.42 0.58 0.00	42.17 -0.08 0.00	38.69 -0.23 0.00
GLENDALE_27_KV_LOAD 356172	47.90 2.84 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.79 2.31 0.00	54.32 2.59 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.34 4.44 -1.02	58.25 3.71 0.00	57.90 3.59 0.00	57.11 3.49 0.00	57.37 3.50 0.00	56.67 3.51 0.00	58.36 3.87 0.00	58.81 4.10 0.00	66.33 4.69 -6.43	62.06 4.40 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GLENWOOD_IC_1_G5 23712	60.77 3.20 -12.51	50.40 2.56 -5.23	43.80 2.71 -0.01	45.33 2.69 -0.01	45.31 2.68 -0.01	47.24 2.76 -0.01	65.79 3.00 -11.06	69.15 3.76 -10.96	68.85 4.26 -9.99	70.97 4.66 -11.44	70.44 3.93 -11.97	74.71 3.80 -16.59	68.68 3.70 -11.36	69.26 3.72 -11.67	68.34 3.72 -11.46	70.82 4.03 -12.29	79.77 4.27 -20.79	81.66 4.80 -21.65	77.97 4.57 -18.36	68.32 4.14 -10.42	64.56 4.06 -9.16	59.93 3.72 -11.37	63.72 3.55 -17.91	42.68 3.11 -0.64
GLENWOOD_IC_2_G1 23688	54.35 2.97 -6.32	47.81 2.56 -2.64	43.55 2.46 0.00	45.07 2.43 0.00	45.05 2.43 0.00	47.01 2.53 0.00	60.47 3.16 -5.59	63.35 3.38 -5.53	63.58 3.93 -5.05	65.49 4.33 -6.28	65.97 3.93 -7.49	69.15 3.91 -10.92	64.90 3.81 -7.47	65.47 3.77 -7.83	64.53 3.83 -7.54	66.62 4.03 -8.10	76.07 4.38 -16.98	78.45 4.97 -18.28	75.32 4.68 -15.60	64.97 4.35 -6.85	60.18 4.21 -4.63	55.67 3.54 -7.28	54.60 3.30 -9.05	42.09 2.84 -0.32
GLENWOOD_IC_3_G1 23689	54.35 2.97 -6.32	47.81 2.56 -2.64	43.55 2.46 0.00	45.07 2.43 0.00	45.05 2.43 0.00	47.01 2.53 0.00	60.47 3.16 -5.59	63.35 3.38 -5.53	63.58 3.93 -5.05	65.49 4.33 -6.28	65.97 3.93 -7.49	69.15 3.91 -10.92	64.90 3.81 -7.47	65.47 3.77 -7.83	64.53 3.83 -7.54	66.62 4.03 -8.10	76.07 4.38 -16.98	78.45 4.97 -18.28	75.32 4.68 -15.60	64.97 4.35 -6.85	60.18 4.21 -4.63	55.67 3.54 -7.28	54.60 3.30 -9.05	42.09 2.84 -0.32
GLENWOOD___4 23550	60.77 3.20 -12.51	50.53 2.68 -5.23	43.80 2.71 -0.01	45.33 2.69 -0.01	45.31 2.68 -0.01	47.24 2.76 -0.01	65.94 3.16 -11.06	69.26 3.86 -10.96	68.96 4.37 -9.99	71.08 4.77 -11.44	70.60 4.09 -11.97	74.87 3.97 -16.59	68.84 3.86 -11.36	69.42 3.88 -11.67	68.45 3.83 -11.46	70.93 4.14 -12.29	79.88 4.38 -20.79	81.77 4.91 -21.65	78.08 4.68 -18.36	68.48 4.30 -10.42	64.71 4.21 -9.16	59.98 3.77 -11.37	63.72 3.55 -17.91	42.68 3.11 -0.64
GLENWOOD___5 23614	60.77 3.20 -12.51	50.53 2.68 -5.23	43.80 2.71 -0.01	45.33 2.69 -0.01	45.31 2.68 -0.01	47.24 2.76 -0.01	65.94 3.16 -11.06	69.26 3.86 -10.96	68.96 4.37 -9.99	71.08 4.77 -11.44	70.60 4.09 -11.97	74.87 3.97 -16.59	68.84 3.86 -11.36	69.42 3.88 -11.67	68.45 3.83 -11.46	70.93 4.14 -12.29	79.88 4.38 -20.79	81.77 4.91 -21.65	78.08 4.68 -18.36	68.48 4.30 -10.42	64.71 4.21 -9.16	59.98 3.77 -11.37	63.72 3.55 -17.91	42.68 3.11 -0.64
GLOBAL GREEN_PORT_GT1 23814	53.71 5.86 -2.80	48.98 5.20 -1.17	45.84 4.76 0.00	47.32 4.69 0.00	47.34 4.73 0.00	49.19 4.71 0.00	60.35 6.15 -2.47	63.09 6.20 -2.45	63.66 6.82 -2.23	65.41 7.19 -3.35	65.43 5.95 -4.94	67.56 5.54 -7.70	64.62 5.74 -5.26	65.49 5.98 -5.64	64.68 6.22 -5.30	66.68 6.48 -5.71	76.53 7.00 -14.81	79.52 7.95 -16.36	76.45 7.38 -14.03	65.46 6.88 -4.82	59.91 6.52 -2.04	55.22 5.42 -4.96	50.87 4.61 -4.01	43.27 4.21 -0.14
GLOBE___DSASP 323697	40.19 -4.87 0.00	38.10 -4.52 0.00	36.85 -4.23 0.00	38.37 -4.26 0.00	38.44 -4.18 0.00	40.12 -4.36 0.00	46.20 -5.54 0.00	47.14 -7.29 0.00	46.95 -7.64 0.01	47.07 -7.74 0.07	46.63 -7.91 0.01	46.38 -7.93 0.01	45.95 -7.67 0.01	45.94 -7.92 0.01	45.39 -7.76 0.01	45.82 -8.66 0.01	44.51 -8.26 1.94	45.82 -7.78 1.60	40.84 -7.71 6.50	40.41 -7.58 5.77	35.66 -7.09 8.60	38.51 -6.32 0.01	36.68 -5.58 0.00	34.53 -4.40 0.00
GOETHSLN___LBMP 323567	47.36 2.30 0.00	44.58 1.96 0.00	43.01 1.93 0.00	44.47 1.83 0.00	44.41 1.79 0.00	46.39 1.91 0.00	53.90 2.17 0.00	56.21 2.94 1.17	56.21 3.49 1.89	56.26 3.95 2.56	55.94 3.22 1.83	55.72 3.10 1.70	55.78 3.00 0.85	55.88 3.07 1.05	55.67 3.03 0.52	55.88 3.32 1.94	55.96 3.56 2.31	64.80 4.09 -5.51	60.53 3.80 -1.69	56.36 3.39 0.78	54.78 3.44 0.00	47.98 3.14 0.00	45.17 2.92 0.00	41.42 2.49 0.00
GOLAH___69_KV_TB 1_2 80279	42.31 -2.75 0.00	40.10 -2.51 0.00	38.74 -2.34 0.00	40.25 -2.39 0.00	40.40 -2.22 0.00	42.17 -2.31 0.00	48.83 -2.90 0.00	50.84 -3.59 0.00	50.78 -3.82 0.00	51.01 -3.95 -0.09	50.24 -4.31 0.00	49.97 -4.35 0.00	49.44 -4.18 0.00	49.40 -4.47 0.00	48.91 -4.25 0.00	49.53 -4.96 0.00	49.33 -5.03 0.34	51.13 -4.42 -0.35	49.74 -4.40 0.90	48.28 -4.46 1.02	45.45 -4.36 1.53	41.34 -3.50 0.00	39.13 -3.13 0.00	36.40 -2.53 0.00

GOODYEAR_LAKE_HYD 323669	46.50 1.44 0.00	43.89 1.28 0.00	42.36 1.27 0.00	43.96 1.32 0.00	43.94 1.32 0.00	45.99 1.51 0.00	53.64 1.91 0.00	56.89 2.45 0.00	57.11 2.51 0.00	57.91 2.69 -0.34	56.78 2.24 0.00	56.49 2.17 0.00	55.60 1.98 0.00	55.97 2.10 0.00	55.24 2.07 0.00	56.67 2.18 0.00	57.12 2.41 0.00	60.12 2.76 -2.16	58.50 2.59 -0.88	56.18 2.42 0.00	53.65 2.31 0.00	46.68 1.84 0.00	43.82 1.56 0.00	40.33 1.40 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.65 -0.41 0.00	42.23 -0.38 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.32 -0.30 0.00	44.30 -0.18 0.00	51.58 -0.16 0.00	54.33 -0.11 0.00	54.54 -0.05 0.00	55.27 0.00 -0.40	54.22 -0.33 0.00	53.94 -0.38 0.00	53.24 -0.38 0.00	53.49 -0.38 0.00	52.79 -0.37 0.00	54.05 -0.44 0.00	54.86 -0.22 -0.37	58.21 0.28 -2.73	57.31 0.06 -2.21	54.74 -0.11 -1.09	52.92 -0.05 -1.62	44.53 -0.31 0.00	41.87 -0.38 0.00	38.77 -0.16 0.00
GOUDEY___7 23579	44.65 -0.41 0.00	42.23 -0.38 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.32 -0.30 0.00	44.30 -0.18 0.00	51.58 -0.16 0.00	54.33 -0.11 0.00	54.54 -0.05 0.00	55.27 0.00 -0.40	54.22 -0.33 0.00	53.94 -0.38 0.00	53.24 -0.38 0.00	53.49 -0.38 0.00	52.79 -0.37 0.00	54.05 -0.44 0.00	54.86 -0.22 -0.37	58.21 0.28 -2.73	57.31 0.06 -2.21	54.74 -0.11 -1.09	52.92 -0.05 -1.62	44.53 -0.31 0.00	41.87 -0.38 0.00	38.77 -0.16 0.00
GOUDEY___8 23580	44.65 -0.41 0.00	42.23 -0.38 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.32 -0.30 0.00	44.30 -0.18 0.00	51.58 -0.16 0.00	54.33 -0.11 0.00	54.54 -0.05 0.00	55.27 0.00 -0.40	54.22 -0.33 0.00	53.94 -0.38 0.00	53.24 -0.38 0.00	53.49 -0.38 0.00	52.79 -0.37 0.00	54.05 -0.44 0.00	54.86 -0.22 -0.37	58.21 0.28 -2.73	57.31 0.06 -2.21	54.74 -0.11 -1.09	52.92 -0.05 -1.62	44.53 -0.31 0.00	41.87 -0.38 0.00	38.77 -0.16 0.00
GOWANUS_GT1_1 24077	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT1_2 24078	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT1_3 24079	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT1_4 24080	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT1_5 24084	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT1_6 24111	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT1_7 24112	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT1_8 24113	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GOWANUS_GT2_1 24114	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	54.16 2.43 0.00	57.21 2.77 0.00	57.93 3.33 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.15 3.29 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.81 2.88 0.00
GOWANUS_GT2_2 24115	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	54.16 2.43 0.00	57.21 2.77 0.00	57.93 3.33 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.15 3.29 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.81 2.88 0.00
GOWANUS_GT2_3 24116	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	54.16 2.43 0.00	57.21 2.77 0.00	57.93 3.33 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.15 3.29 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.81 2.88 0.00

GOWANUS_GT4_3 24132	47.90 2.84 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	53.95 2.22 0.00	57.38 2.94 0.00	58.15 3.55 0.00	59.96 4.06 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.48 3.77 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.84 2.92 0.00
GOWANUS_GT4_4 24133	47.90 2.84 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	53.95 2.22 0.00	57.38 2.94 0.00	58.15 3.55 0.00	59.96 4.06 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.48 3.77 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.84 2.92 0.00
GOWANUS_GT4_5 24134	47.90 2.84 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	53.95 2.22 0.00	57.38 2.94 0.00	58.15 3.55 0.00	59.96 4.06 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.48 3.77 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.84 2.92 0.00
GOWANUS_GT4_6 24135	47.90 2.84 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	53.95 2.22 0.00	57.38 2.94 0.00	58.15 3.55 0.00	59.96 4.06 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.48 3.77 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.84 2.92 0.00
GOWANUS_GT4_7 24136	47.90 2.84 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	53.95 2.22 0.00	57.38 2.94 0.00	58.15 3.55 0.00	59.96 4.06 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.48 3.77 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.84 2.92 0.00
GOWANUS_GT4_8 24137	47.90 2.84 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	53.95 2.22 0.00	57.38 2.94 0.00	58.15 3.55 0.00	59.96 4.06 -1.02	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.48 3.77 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.84 2.92 0.00
GREENBSH_115KV_TB3 55895	46.73 1.67 0.00	44.19 1.58 0.00	42.60 1.52 0.00	44.17 1.53 0.00	44.15 1.53 0.00	46.12 1.65 0.00	53.33 1.60 0.00	56.23 1.80 0.00	56.67 2.07 0.00	58.35 2.14 -1.33	56.29 1.75 0.00	56.00 1.68 0.00	55.34 1.72 0.00	55.54 1.67 0.00	54.86 1.70 0.00	56.40 1.91 0.00	56.73 2.02 0.00	65.69 2.10 -8.39	60.54 2.09 -3.41	55.70 1.94 0.00	53.14 1.80 0.00	46.50 1.66 0.00	44.07 1.82 0.00	40.60 1.67 0.00
GREENIDGE_115KV_TB5 80291	43.80 -1.26 0.00	41.46 -1.15 0.00	40.05 -1.03 0.00	41.66 -0.98 0.00	41.72 -0.89 0.00	43.81 -0.67 0.00	50.75 -0.98 0.00	53.29 -1.14 0.00	53.40 -1.20 0.00	53.98 -1.54 -0.65	52.69 -1.85 0.00	52.42 -1.90 0.00	51.80 -1.82 0.00	51.99 -1.89 -0.01	51.31 -1.86 -0.01	52.31 -2.18 0.00	56.46 -1.97 -3.72	60.19 -1.32 -6.31	67.44 -1.54 -13.94	63.24 -1.72 -11.20	66.37 -1.69 -16.72	43.47 -1.39 -0.02	40.82 -1.44 0.00	37.87 -1.05 0.00
GREENIDGE___3 23582	43.80 -1.26 0.00	41.46 -1.15 0.00	40.05 -1.03 0.00	41.66 -0.98 0.00	41.72 -0.89 0.00	43.81 -0.67 0.00	50.75 -0.98 0.00	53.29 -1.14 0.00	53.40 -1.20 0.00	53.98 -1.54 -0.65	52.69 -1.85 0.00	52.42 -1.90 0.00	51.80 -1.82 0.00	51.99 -1.89 -0.01	51.31 -1.86 -0.01	52.31 -2.18 0.00	56.46 -1.97 -3.72	60.19 -1.32 -6.31	67.44 -1.54 -13.94	63.24 -1.72 -11.20	66.37 -1.69 -16.72	43.47 -1.39 -0.02	40.82 -1.44 0.00	37.87 -1.05 0.00
GREENIDGE___4 23583	43.75 -1.31 0.00	41.47 -1.15 0.00	40.06 -1.03 0.00	41.66 -0.98 0.00	41.72 -0.90 0.00	43.81 -0.67 0.00	50.80 -0.93 0.00	53.19 -1.25 0.00	53.24 -1.36 0.00	53.92 -1.59 -0.64	52.69 -1.85 0.00	52.47 -1.85 0.00	51.80 -1.82 0.00	52.04 -1.83 -0.01	51.31 -1.86 -0.01	52.42 -2.07 0.00	56.51 -1.92 -3.72	60.36 -1.16 -6.31	67.50 -1.48 -13.94	63.24 -1.72 -11.20	66.42 -1.65 -16.72	43.47 -1.39 -0.02	40.82 -1.44 0.00	37.91 -1.01 0.00
GREENLWN_69_KV_BK 3 55738	51.85 3.51 -3.28	47.13 3.15 -1.37	43.99 2.92 0.00	45.49 2.86 0.00	45.51 2.90 0.00	47.46 2.98 0.00	58.35 3.72 -2.89	61.82 4.52 -2.87	62.24 5.02 -2.61	64.00 5.38 -3.75	64.31 4.47 -5.29	66.75 4.29 -8.14	63.41 4.24 -5.56	64.01 4.20 -5.94	63.02 4.25 -5.61	65.10 4.58 -6.03	74.63 4.81 -15.11	77.07 5.24 -16.62	74.46 5.17 -14.24	63.64 4.78 -5.10	58.46 4.72 -2.40	54.19 4.08 -5.27	50.71 3.76 -4.69	42.40 3.31 -0.16
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
GRISSOM___SOLAR 323813	47.63 2.57 0.00	45.13 2.51 0.00	43.46 2.38 0.00	44.85 2.22 0.00	44.96 2.34 0.00	47.15 2.67 0.00	55.14 3.41 0.00	57.92 3.49 0.00	58.36 3.76 0.00	59.91 3.56 -1.47	57.60 3.05 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.83 2.96 0.00	56.03 2.87 0.00	57.93 3.44 0.00	58.48 3.77 0.00	68.65 4.19 -9.25	63.04 4.24 -3.75	57.58 3.82 0.00	54.94 3.59 0.00	47.93 3.09 0.00	45.04 2.79 0.00	41.34 2.41 0.00
GROVEVILLE___HYD 323602	47.85 2.79 0.00	45.17 2.56 0.00	43.51 2.42 0.00	45.11 2.47 0.00	45.05 2.43 0.00	47.01 2.54 0.00	54.83 3.10 0.00	58.08 3.65 0.00	58.75 4.15 0.00	60.39 4.50 -1.02	58.36 3.82 0.00	58.07 3.75 0.00	57.21 3.59 0.00	57.48 3.61 0.00	56.78 3.62 0.00	58.41 3.92 0.00	58.92 4.21 0.00	66.38 4.75 -6.43	62.28 4.62 -2.61	57.96 4.19 0.00	55.30 3.95 0.00	48.02 3.18 0.00	45.30 3.04 0.00	41.53 2.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.81 -0.81 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.67 -0.76 0.00	54.44 -0.16 0.00	54.16 -0.82 -0.11	53.56 -0.98 0.00	53.29 -1.03 0.00	52.65 -0.97 0.00	52.84 -1.02 0.00	52.21 -0.96 0.00	53.35 -1.14 0.00	53.62 -1.09 0.00	55.03 -0.77 -0.60	54.35 -0.94 -0.24	52.74 -1.02 0.00	50.37 -0.98 0.00	43.99 -0.85 0.00	41.37 -0.89 0.00	38.15 -0.78 0.00

HAMLTNNY_34_KV_TB 80303	44.11 -0.95 0.00	41.72 -0.89 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.81 -0.81 0.00	43.77 -0.71 0.00	50.95 -0.78 0.00	53.67 -0.76 0.00	54.82 0.22 0.00	54.00 -0.99 -0.12	53.40 -1.15 0.00	53.18 -1.14 0.00	52.49 -1.13 0.00	52.68 -1.19 0.00	52.05 -1.12 0.00	53.18 -1.31 0.00	53.45 -1.26 0.00	54.89 -0.94 -0.62	54.25 -1.05 -0.25	52.58 -1.18 0.00	50.27 -1.08 0.00	43.85 -0.99 0.00	41.24 -1.01 0.00	38.03 -0.90 0.00
HAMPSHIRE___PAPER_HYD 323593	44.07 -0.99 0.00	41.68 -0.94 0.00	40.26 -0.82 0.00	41.91 -0.73 0.00	42.23 -0.38 0.00	44.48 0.00 0.00	52.45 0.72 0.00	55.91 1.47 0.00	55.53 0.93 0.00	55.73 0.82 -0.04	55.20 0.66 0.00	55.14 0.82 0.00	54.27 0.65 0.00	54.62 0.75 0.00	53.91 0.74 0.00	55.36 0.87 0.00	55.47 0.77 0.00	56.27 0.83 -0.24	55.63 0.49 -0.10	54.62 0.86 0.00	52.27 0.93 0.00	45.02 0.18 0.00	41.79 -0.46 0.00	38.30 -0.62 0.00
HARDSCRABBLE_WT_PWR 323673	45.60 0.54 0.00	43.13 0.51 0.00	41.61 0.53 0.00	43.19 0.55 0.00	43.21 0.60 0.00	45.15 0.67 0.00	52.51 0.78 0.00	55.36 0.92 0.00	55.47 0.87 0.00	55.91 1.04 0.00	55.47 0.93 0.00	55.24 0.92 0.00	54.53 0.91 0.00	54.68 0.81 0.00	53.91 0.74 0.00	55.09 0.60 0.00	54.93 0.22 0.00	55.43 0.22 0.00	55.10 0.06 0.00	53.76 0.00 0.00	51.29 -0.05 0.00	44.79 -0.04 0.00	42.17 -0.08 0.00	38.89 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.18 2.12 0.00	44.49 1.88 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.41 1.79 0.00	46.35 1.87 0.00	53.95 2.22 0.00	57.32 2.89 0.00	57.88 3.28 0.00	59.44 3.62 -0.95	57.60 3.05 0.00	57.31 2.99 0.00	56.46 2.84 0.00	56.72 2.85 0.00	56.03 2.87 0.00	57.65 3.16 0.00	58.16 3.45 0.00	65.21 4.03 -5.97	61.32 3.85 -2.42	57.20 3.44 0.00	54.58 3.23 0.00	47.53 2.69 0.00	44.75 2.49 0.00	41.11 2.18 0.00
HARSNRAD_115KV_TB1 81005	40.64 -4.42 0.00	38.57 -4.05 0.00	37.30 -3.78 0.00	38.84 -3.79 0.00	38.91 -3.71 0.00	40.65 -3.83 0.00	46.97 -4.76 0.00	48.28 -6.15 0.00	48.04 -6.55 0.01	48.17 -6.64 0.07	47.72 -6.82 0.01	47.42 -6.90 0.01	46.91 -6.70 0.01	46.96 -6.89 0.01	46.35 -6.80 0.01	46.86 -7.63 0.01	45.36 -7.44 1.91	46.83 -6.79 1.58	41.86 -6.72 6.47	41.42 -6.61 5.73	36.58 -6.21 8.55	39.40 -5.43 0.01	37.48 -4.77 0.00	35.27 -3.66 0.00
HARZA MOOSE___RIVER 24016	45.15 0.09 0.00	42.66 0.04 0.00	41.21 0.12 0.00	42.77 0.13 0.00	42.83 0.21 0.00	44.97 0.49 0.00	52.61 0.88 0.00	55.85 1.42 0.00	55.80 1.20 0.00	56.17 1.26 -0.04	55.58 1.04 0.00	55.35 1.03 0.00	54.53 0.91 0.00	54.84 0.97 0.00	54.17 1.01 0.00	55.58 1.09 0.00	55.86 1.15 0.00	56.81 1.38 -0.23	56.29 1.16 -0.09	55.05 1.29 0.00	52.63 1.28 0.00	45.65 0.81 0.00	42.68 0.42 0.00	39.20 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.84 -1.22 0.00	41.46 -1.15 0.00	40.01 -1.07 0.00	41.53 -1.11 0.00	41.55 -1.07 0.00	43.46 -1.02 0.00	50.54 -1.19 0.00	53.24 -1.20 0.00	53.56 -1.04 0.00	53.93 -1.04 -0.10	53.29 -1.25 0.00	53.07 -1.25 0.00	52.39 -1.23 0.00	52.63 -1.24 0.00	51.94 -1.22 0.00	53.13 -1.36 0.00	53.40 -1.31 0.00	54.83 -0.99 -0.61	54.14 -1.16 -0.25	52.53 -1.24 0.00	50.16 -1.18 0.00	43.85 -0.99 0.00	41.24 -1.01 0.00	38.07 -0.86 0.00
HELLGATE_13_KV_LD 55870	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.48 3.77 0.00	65.94 4.31 -6.43	61.73 4.07 -2.61	57.36 3.60 0.00	54.89 3.54 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.77 2.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.01 2.28 0.00	57.48 3.05 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.48 3.77 0.00	65.94 4.31 -6.43	61.73 4.07 -2.61	57.36 3.60 0.00	54.89 3.54 0.00	48.20 3.36 0.00	45.47 3.21 0.00	41.77 2.84 0.00
HEMPSTEAD____ 23647	62.43 3.38 -13.99	51.40 2.94 -5.85	43.92 2.83 -0.01	45.42 2.77 -0.01	45.40 2.77 -0.01	47.34 2.85 -0.01	67.66 3.57 -12.37	70.44 3.75 -12.25	70.20 4.42 -11.18	72.37 4.83 -12.67	71.84 4.26 -13.04	76.50 4.78 -17.94	70.10 4.19 -12.29	70.55 4.09 -12.59	69.76 4.20 -12.40	72.15 4.36 -13.30	81.12 4.71 -21.71	83.01 5.35 -22.45	79.12 5.06 -19.02	69.77 4.73 -11.27	66.15 4.57 -10.24	61.05 3.86 -12.35	65.92 3.63 -20.03	42.84 3.19 -0.72
HEWLETT_69_KV_BK3 55828	100.29 3.88 -51.36	67.68 3.58 -21.49	44.47 3.33 -0.06	45.98 3.28 -0.06	45.96 3.28 -0.06	47.87 3.34 -0.06	101.31 4.19 -45.39	104.37 4.95 -44.98	101.03 5.41 -41.02	104.46 5.82 -43.77	99.51 4.91 -40.05	111.25 4.78 -52.15	94.11 4.72 -35.77	94.35 4.69 -35.79	93.86 4.63 -36.07	98.09 4.96 -38.64	104.67 5.25 -44.71	103.86 5.85 -42.80	96.32 5.61 -35.66	91.72 5.16 -32.80	94.03 5.08 -37.60	86.25 4.39 -37.02	119.96 4.18 -73.52	45.29 3.70 -2.67
HICKLING___1 23621	43.84 -1.22 0.00	41.55 -1.07 0.00	40.14 -0.94 0.00	41.74 -0.90 0.00	41.81 -0.81 0.00	43.81 -0.67 0.00	51.06 -0.67 0.00	53.51 -0.93 0.00	53.56 -1.04 0.00	54.22 -1.10 -0.45	53.13 -1.42 0.00	52.85 -1.47 0.00	52.22 -1.39 0.00	52.47 -1.40 0.00	51.73 -1.44 0.00	52.80 -1.69 0.00	54.77 -1.37 -1.43	58.16 -0.72 -3.67	59.88 -0.99 -5.83	56.80 -1.24 -4.27	56.59 -1.13 -6.38	43.41 -1.43 -0.01	40.82 -1.44 0.00	38.03 -0.90 0.00
HICKLING___2 23622	43.84 -1.22 0.00	41.55 -1.07 0.00	40.14 -0.94 0.00	41.74 -0.90 0.00	41.81 -0.81 0.00	43.81 -0.67 0.00	51.06 -0.67 0.00	53.51 -0.93 0.00	53.56 -1.04 0.00	54.22 -1.10 -0.45	53.13 -1.42 0.00	52.85 -1.47 0.00	52.22 -1.39 0.00	52.47 -1.40 0.00	51.73 -1.44 0.00	52.80 -1.69 0.00	54.77 -1.37 -1.43	58.16 -0.72 -3.67	59.88 -0.99 -5.83	56.80 -1.24 -4.27	56.59 -1.13 -6.38	43.41 -1.43 -0.01	40.82 -1.44 0.00	38.03 -0.90 0.00
HIGH FALLS___HY 23754	48.12 3.06 0.00	45.43 2.81 0.00	43.79 2.71 0.00	45.37 2.73 0.00	45.30 2.68 0.00	47.28 2.80 0.00	55.30 3.57 0.00	58.68 4.25 0.00	59.24 4.64 0.00	60.94 5.05 -1.02	58.75 4.20 0.00	58.39 4.07 0.00	57.48 3.86 0.00	57.80 3.93 0.00	57.10 3.93 0.00	58.90 4.41 0.00	59.58 4.87 0.00	67.42 5.80 -6.41	63.26 5.61 -2.60	58.71 4.95 0.00	56.02 4.67 0.00	48.38 3.54 0.00	45.55 3.30 0.00	41.77 2.84 0.00
HIGH_RIVER___SOLAR 323847	46.82 1.76 0.00	44.28 1.66 0.00	42.68 1.60 0.00	44.17 1.53 0.00	44.24 1.62 0.00	46.26 1.78 0.00	53.95 2.22 0.00	56.72 2.29 0.00	57.06 2.46 0.00	58.55 2.25 -1.42	56.29 1.75 0.00	56.00 1.69 0.00	55.18 1.56 0.00	55.48 1.61 0.00	54.81 1.65 0.00	56.67 2.18 0.00	57.28 2.57 0.00	67.02 2.87 -8.95	61.54 2.86 -3.63	56.29 2.53 0.00	53.76 2.41 0.00	46.90 2.06 0.00	44.16 1.90 0.00	40.56 1.63 0.00

HILLBURN___GT 23639	47.22 2.16 0.00	44.49 1.87 0.00	42.89 1.81 0.00	44.43 1.79 0.00	44.37 1.75 0.00	46.30 1.82 0.00	54.00 2.27 0.00	57.10 2.67 0.00	57.66 3.06 0.00	59.29 3.46 -0.96	57.65 3.11 0.00	57.41 3.09 0.00	56.62 3.00 0.00	56.83 2.96 0.00	56.19 3.03 0.00	57.70 3.21 0.00	58.32 3.61 0.00	65.57 4.31 -6.06	61.47 3.97 -2.46	57.36 3.60 0.00	54.78 3.44 0.00	47.62 2.78 0.00	44.83 2.58 0.00	41.10 2.18 0.00
HILLSIDE_115KV_TB1 80332	43.57 -1.49 0.00	41.25 -1.36 0.00	39.85 -1.23 0.00	41.44 -1.19 0.00	41.51 -1.11 0.00	43.46 -1.02 0.00	50.59 -1.14 0.00	53.13 -1.31 0.00	53.23 -1.37 0.00	53.94 -1.37 -0.44	52.80 -1.75 0.00	52.52 -1.79 0.00	51.90 -1.72 0.00	52.15 -1.72 0.00	51.41 -1.75 0.00	52.58 -1.91 0.00	54.41 -1.59 -1.28	57.75 -0.99 -3.54	59.17 -1.21 -5.34	56.21 -1.40 -3.84	55.75 -1.33 -5.74	43.23 -1.61 -0.01	40.73 -1.52 0.00	37.91 -1.01 0.00
HISHELDN_WT_PWR 323625	41.18 -3.88 0.00	39.20 -3.41 0.00	38.00 -3.08 0.00	39.57 -3.07 0.00	39.72 -2.90 0.00	41.54 -2.94 0.00	48.16 -3.57 0.00	49.38 -5.06 0.00	49.14 -5.46 0.01	48.78 -5.54 0.56	48.76 -5.78 0.01	48.61 -5.70 0.01	47.93 -5.69 0.01	48.24 -5.60 0.02	47.35 -5.79 0.02	48.22 -6.26 0.01	42.07 -6.24 6.40	42.25 -5.57 7.38	26.38 -5.89 22.78	28.35 -5.97 19.44	16.73 -5.60 29.01	39.65 -5.16 0.03	37.61 -4.65 0.00	35.50 -3.43 0.00
HOLTSVILLE_IC_1 23690	52.21 4.42 -2.73	47.67 3.92 -1.14	44.69 3.62 0.00	46.17 3.54 0.00	46.23 3.62 0.00	48.25 3.78 0.00	59.06 4.92 -2.42	61.73 4.90 -2.39	62.35 5.57 -2.18	64.10 5.93 -3.30	64.63 5.18 -4.90	66.95 4.99 -7.64	63.88 5.04 -5.22	64.53 5.06 -5.60	63.69 5.26 -5.26	65.66 5.50 -5.66	75.34 5.86 -14.77	78.15 6.62 -16.33	75.26 6.22 -14.00	64.46 5.91 -4.78	59.04 5.70 -2.00	54.64 4.89 -4.92	50.53 4.35 -3.92	42.88 3.82 -0.13
HOLTSVILLE_IC_10 23699	52.70 4.69 -2.96	47.98 4.13 -1.23	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.56 5.22 -2.61	62.30 5.28 -2.59	62.91 5.95 -2.36	64.66 6.31 -3.48	65.11 5.51 -5.06	67.49 5.33 -7.84	64.34 5.36 -5.36	65.05 5.44 -5.74	64.15 5.58 -5.40	66.19 5.89 -5.81	75.91 6.29 -14.91	78.72 7.07 -16.45	75.80 6.66 -14.10	64.96 6.29 -4.91	59.56 6.06 -2.16	55.06 5.15 -5.06	51.05 4.56 -4.23	43.08 4.01 -0.15
HOLTSVILLE_IC_2 23691	52.21 4.42 -2.73	47.67 3.92 -1.14	44.69 3.62 0.00	46.17 3.54 0.00	46.23 3.62 0.00	48.25 3.78 0.00	59.06 4.92 -2.42	61.73 4.90 -2.39	62.35 5.57 -2.18	64.10 5.93 -3.30	64.63 5.18 -4.90	66.95 4.99 -7.64	63.88 5.04 -5.22	64.53 5.06 -5.60	63.69 5.26 -5.26	65.66 5.50 -5.66	75.34 5.86 -14.77	78.15 6.62 -16.33	75.26 6.22 -14.00	64.46 5.91 -4.78	59.04 5.70 -2.00	54.64 4.89 -4.92	50.53 4.35 -3.92	42.88 3.82 -0.13
HOLTSVILLE_IC_3 23692	52.21 4.42 -2.73	47.67 3.92 -1.14	44.69 3.62 0.00	46.17 3.54 0.00	46.23 3.62 0.00	48.25 3.78 0.00	59.06 4.92 -2.42	61.73 4.90 -2.39	62.35 5.57 -2.18	64.10 5.93 -3.30	64.63 5.18 -4.90	66.95 4.99 -7.64	63.88 5.04 -5.22	64.53 5.06 -5.60	63.69 5.26 -5.26	65.66 5.50 -5.66	75.34 5.86 -14.77	78.15 6.62 -16.33	75.26 6.22 -14.00	64.46 5.91 -4.78	59.04 5.70 -2.00	54.64 4.89 -4.92	50.53 4.35 -3.92	42.88 3.82 -0.13
HOLTSVILLE_IC_4 23693	52.21 4.42 -2.73	47.67 3.92 -1.14	44.69 3.62 0.00	46.17 3.54 0.00	46.23 3.62 0.00	48.25 3.78 0.00	59.06 4.92 -2.42	61.73 4.90 -2.39	62.35 5.57 -2.18	64.10 5.93 -3.30	64.63 5.18 -4.90	66.95 4.99 -7.64	63.88 5.04 -5.22	64.53 5.06 -5.60	63.69 5.26 -5.26	65.66 5.50 -5.66	75.34 5.86 -14.77	78.15 6.62 -16.33	75.26 6.22 -14.00	64.46 5.91 -4.78	59.04 5.70 -2.00	54.64 4.89 -4.92	50.53 4.35 -3.92	42.88 3.82 -0.13
HOLTSVILLE_IC_5 23694	52.21 4.42 -2.73	47.67 3.92 -1.14	44.69 3.62 0.00	46.17 3.54 0.00	46.23 3.62 0.00	48.25 3.78 0.00	59.06 4.92 -2.42	61.73 4.90 -2.39	62.35 5.57 -2.18	64.10 5.93 -3.30	64.63 5.18 -4.90	66.95 4.99 -7.64	63.88 5.04 -5.22	64.53 5.06 -5.60	63.69 5.26 -5.26	65.66 5.50 -5.66	75.34 5.86 -14.77	78.15 6.62 -16.33	75.26 6.22 -14.00	64.46 5.91 -4.78	59.04 5.70 -2.00	54.64 4.89 -4.92	50.53 4.35 -3.92	42.88 3.82 -0.13
HOLTSVILLE_IC_6 23695	52.70 4.69 -2.96	47.98 4.13 -1.23	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.56 5.22 -2.61	62.30 5.28 -2.59	62.91 5.95 -2.36	64.66 6.31 -3.48	65.11 5.51 -5.06	67.49 5.33 -7.84	64.34 5.36 -5.36	65.05 5.44 -5.74	64.15 5.58 -5.40	66.19 5.89 -5.81	75.91 6.29 -14.91	78.72 7.07 -16.45	75.80 6.66 -14.10	64.96 6.29 -4.91	59.56 6.06 -2.16	55.06 5.15 -5.06	51.05 4.56 -4.23	43.08 4.01 -0.15
HOLTSVILLE_IC_7 23696	52.70 4.69 -2.96	47.98 4.13 -1.23	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.56 5.22 -2.61	62.30 5.28 -2.59	62.91 5.95 -2.36	64.66 6.31 -3.48	65.11 5.51 -5.06	67.49 5.33 -7.84	64.34 5.36 -5.36	65.05 5.44 -5.74	64.15 5.58 -5.40	66.19 5.89 -5.81	75.91 6.29 -14.91	78.72 7.07 -16.45	75.80 6.66 -14.10	64.96 6.29 -4.91	59.56 6.06 -2.16	55.06 5.15 -5.06	51.05 4.56 -4.23	43.08 4.01 -0.15
HOLTSVILLE_IC_8 23697	52.70 4.69 -2.96	47.98 4.13 -1.23	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.56 5.22 -2.61	62.30 5.28 -2.59	62.91 5.95 -2.36	64.66 6.31 -3.48	65.11 5.51 -5.06	67.49 5.33 -7.84	64.34 5.36 -5.36	65.05 5.44 -5.74	64.15 5.58 -5.40	66.19 5.89 -5.81	75.91 6.29 -14.91	78.72 7.07 -16.45	75.80 6.66 -14.10	64.96 6.29 -4.91	59.56 6.06 -2.16	55.06 5.15 -5.06	51.05 4.56 -4.23	43.08 4.01 -0.15
HOLTSVILLE_IC_9 23698	52.70 4.69 -2.96	47.98 4.13 -1.23	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.56 5.22 -2.61	62.30 5.28 -2.59	62.91 5.95 -2.36	64.66 6.31 -3.48	65.11 5.51 -5.06	67.49 5.33 -7.84	64.34 5.36 -5.36	65.05 5.44 -5.74	64.15 5.58 -5.40	66.19 5.89 -5.81	75.91 6.29 -14.91	78.72 7.07 -16.45	75.80 6.66 -14.10	64.96 6.29 -4.91	59.56 6.06 -2.16	55.06 5.15 -5.06	51.05 4.56 -4.23	43.08 4.01 -0.15
HOMER_HL_115KV_TB2 355744	42.40 -2.66 0.00	40.27 -2.34 0.00	38.95 -2.14 0.00	40.59 -2.05 0.00	40.66 -1.96 0.00	42.57 -1.91 0.00	49.25 -2.48 0.00	50.24 -4.19 0.00	50.06 -4.53 0.00	50.60 -4.39 -0.11	49.74 -4.80 0.00	49.37 -4.94 0.00	48.68 -4.93 0.00	49.07 -4.79 0.01	48.27 -4.89 0.01	49.42 -5.07 0.00	50.13 -3.94 0.64	52.66 -2.87 -0.33	49.72 -3.36 1.96	48.38 -3.33 2.05	45.01 -3.29 3.05	40.17 -4.66 0.00	38.16 -4.10 0.00	36.36 -2.57 0.00
HOWARD_WT_PWR 323690	42.36 -2.70 0.00	40.40 -2.22 0.00	39.23 -1.85 0.00	40.93 -1.71 0.00	41.09 -1.53 0.00	43.19 -1.29 0.00	50.28 -1.45 0.00	52.04 -2.39 0.00	51.70 -2.90 0.00	52.60 -3.35 -1.07	50.94 -3.60 0.00	50.90 -3.42 0.00	50.34 -3.27 0.00	50.60 -3.29 -0.02	49.67 -3.51 -0.02	50.40 -4.09 0.00	58.28 -3.83 -7.40	63.31 -3.20 -11.30	78.65 -3.63 -27.24	72.08 -3.98 -22.29	80.77 -3.85 -33.27	40.89 -3.99 -0.04	38.33 -3.93 0.00	35.89 -3.04 0.00

HQ_GEN_CEDARS 23644	44.52 -0.54 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.49 1.76 0.00	56.83 2.40 0.00	56.40 1.80 0.00	56.44 1.54 -0.03	56.13 1.58 0.00	56.17 1.85 0.00	55.23 1.61 0.00	55.70 1.83 0.00	54.92 1.75 0.00	56.29 1.80 0.00	56.30 1.59 0.00	56.89 1.49 -0.19	56.17 1.05 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.09 -0.17 0.00	38.50 -0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	44.52 -0.54 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.54 1.81 0.00	57.05 2.61 0.00	56.62 2.02 0.00	56.61 1.70 -0.03	56.24 1.69 0.00	56.22 1.90 0.00	55.39 1.77 0.00	55.75 1.88 0.00	54.91 1.75 0.00	56.34 1.85 0.00	56.30 1.59 0.00	56.83 1.43 -0.19	56.16 1.04 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.09 -0.17 0.00	38.50 -0.43 0.00
HQ_GEN_IMPORT 323601	45.24 0.18 0.00	42.83 0.21 0.00	41.25 0.16 0.00	42.81 0.17 0.00	42.75 0.13 0.00	44.57 0.09 0.00	51.89 0.16 0.00	54.60 0.16 0.00	54.60 0.00 0.00	54.60 -0.27 0.00	54.60 0.05 0.00	54.43 0.11 0.00	53.73 0.11 0.00	54.03 0.16 0.00	53.27 0.11 0.00	54.60 0.11 0.00	54.60 -0.11 0.00	54.60 -0.61 0.00	54.60 -0.44 0.00	53.60 -0.16 0.00	51.19 -0.15 0.00	44.66 -0.18 0.00	42.09 -0.17 0.00	38.77 -0.16 0.00
HQ_GEN_WHEEL 23651	45.24 0.18 0.00	42.83 0.21 0.00	41.25 0.16 0.00	42.81 0.17 0.00	42.75 0.13 0.00	44.57 0.09 0.00	51.89 0.16 0.00	54.60 0.16 0.00	54.60 0.00 0.00	54.60 -0.27 0.00	54.60 0.05 0.00	54.43 0.11 0.00	53.73 0.11 0.00	54.03 0.16 0.00	53.27 0.11 0.00	54.60 0.11 0.00	54.60 -0.11 0.00	54.60 -0.61 0.00	54.60 -0.44 0.00	53.60 -0.16 0.00	51.19 -0.15 0.00	44.66 -0.18 0.00	42.09 -0.17 0.00	38.77 -0.16 0.00
HUDSON AVE_GT_3 23810	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.77 2.13 0.00	44.71 2.09 0.00	46.70 2.22 0.00	54.32 2.59 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.23 4.33 -1.02	58.20 3.65 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.31 3.45 0.00	56.62 3.46 0.00	58.25 3.76 0.00	58.70 3.99 0.00	66.16 4.53 -6.43	61.95 4.29 -2.61	57.58 3.82 0.00	55.14 3.80 0.00	48.29 3.45 0.00	45.42 3.17 0.00	41.65 2.72 0.00
HUDSON AVE_GT_4 23540	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.77 2.13 0.00	44.71 2.09 0.00	46.70 2.22 0.00	54.32 2.59 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.23 4.33 -1.02	58.20 3.65 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.31 3.45 0.00	56.62 3.46 0.00	58.25 3.76 0.00	58.70 3.99 0.00	66.16 4.53 -6.43	61.95 4.29 -2.61	57.58 3.82 0.00	55.14 3.80 0.00	48.29 3.45 0.00	45.42 3.17 0.00	41.65 2.72 0.00
HUDSON AVE_GT_5 23657	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.77 2.13 0.00	44.71 2.09 0.00	46.70 2.22 0.00	54.32 2.59 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.23 4.33 -1.02	58.20 3.65 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.31 3.45 0.00	56.62 3.46 0.00	58.25 3.76 0.00	58.70 3.99 0.00	66.16 4.53 -6.43	61.95 4.29 -2.61	57.58 3.82 0.00	55.14 3.80 0.00	48.29 3.45 0.00	45.42 3.17 0.00	41.65 2.72 0.00
HUDSON_AVE_10 24168	47.58 2.52 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.64 2.00 0.00	44.58 1.96 0.00	46.61 2.13 0.00	54.27 2.53 0.00	57.70 3.27 0.00	58.42 3.82 0.00	60.17 4.28 -1.02	58.04 3.49 0.00	57.69 3.37 0.00	56.89 3.27 0.00	57.21 3.34 0.00	56.46 3.30 0.00	58.14 3.65 0.00	58.59 3.88 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.53 3.76 0.00	55.04 3.70 0.00	48.20 3.36 0.00	45.38 3.13 0.00	41.57 2.65 0.00
HUDSON___115KV_TB 4 355613	47.31 2.25 0.00	44.83 2.22 0.00	43.22 2.14 0.00	44.77 2.13 0.00	44.75 2.13 0.00	46.79 2.31 0.00	54.94 3.21 0.00	57.76 3.32 0.00	58.26 3.66 0.00	59.29 3.13 -1.29	57.44 2.89 0.00	57.14 2.82 0.00	56.41 2.79 0.00	56.67 2.80 0.00	56.03 2.87 0.00	57.81 3.32 0.00	58.21 3.50 0.00	66.16 2.87 -8.09	61.35 3.03 -3.28	56.72 2.96 0.00	54.07 2.72 0.00	47.04 2.20 0.00	44.58 2.32 0.00	41.18 2.26 0.00
HUNTER MOUNT___DRP 323613	47.58 2.52 0.00	45.17 2.56 0.00	43.51 2.42 0.00	45.07 2.43 0.00	45.09 2.47 0.00	47.10 2.62 0.00	55.35 3.62 0.00	58.14 3.70 0.00	58.59 3.99 0.00	59.36 3.24 -1.25	57.76 3.22 0.00	57.47 3.15 0.00	56.68 3.06 0.00	56.94 3.07 0.00	56.30 3.14 0.00	58.14 3.65 0.00	58.65 3.94 0.00	66.19 3.15 -7.83	61.47 3.25 -3.18	57.09 3.33 0.00	54.37 3.03 0.00	47.22 2.38 0.00	44.79 2.54 0.00	41.26 2.34 0.00
HUNTINGTON_RES_REC 323705	52.07 4.06 -2.95	47.42 3.58 -1.23	44.40 3.33 0.00	45.87 3.24 0.00	45.90 3.28 0.00	47.85 3.38 0.00	58.83 4.50 -2.61	61.64 4.62 -2.58	62.25 5.29 -2.35	64.06 5.71 -3.48	64.61 5.01 -5.05	67.05 4.89 -7.84	63.85 4.88 -5.35	64.45 4.85 -5.74	63.56 5.00 -5.40	65.53 5.23 -5.81	75.25 5.64 -14.91	77.94 6.29 -16.44	75.19 6.05 -14.10	64.37 5.70 -4.91	59.00 5.50 -2.16	54.52 4.62 -5.06	50.62 4.14 -4.23	42.69 3.62 -0.15
HUNTLEY___63 23557	41.14 -3.92 0.00	39.04 -3.58 0.00	37.75 -3.33 0.00	39.31 -3.33 0.00	39.42 -3.20 0.00	41.19 -3.29 0.00	47.59 -4.14 0.00	48.77 -5.66 0.00	48.53 -6.06 0.01	48.70 -6.09 0.08	48.27 -6.27 0.01	47.96 -6.36 0.01	47.45 -6.17 0.01	47.55 -6.30 0.01	46.88 -6.27 0.01	47.40 -7.08 0.01	45.81 -6.84 2.06	47.27 -6.18 1.75	41.72 -6.27 7.05	41.35 -6.18 6.23	36.25 -5.80 9.30	39.58 -5.25 0.01	37.69 -4.56 0.00	35.46 -3.46 0.00
HUNTLEY___64 23558	41.14 -3.92 0.00	39.04 -3.58 0.00	37.75 -3.33 0.00	39.31 -3.33 0.00	39.42 -3.20 0.00	41.19 -3.29 0.00	47.59 -4.14 0.00	48.77 -5.66 0.00	48.53 -6.06 0.01	48.70 -6.09 0.08	48.27 -6.27 0.01	47.96 -6.36 0.01	47.45 -6.17 0.01	47.55 -6.30 0.01	46.88 -6.27 0.01	47.40 -7.08 0.01	45.81 -6.84 2.06	47.27 -6.18 1.75	41.72 -6.27 7.05	41.35 -6.18 6.23	36.25 -5.80 9.30	39.58 -5.25 0.01	37.69 -4.56 0.00	35.46 -3.46 0.00
HUNTLEY___65 23559	41.14 -3.92 0.00	39.04 -3.58 0.00	37.75 -3.33 0.00	39.31 -3.33 0.00	39.42 -3.20 0.00	41.19 -3.29 0.00	47.59 -4.14 0.00	48.77 -5.66 0.00	48.53 -6.06 0.01	48.70 -6.09 0.08	48.27 -6.27 0.01	47.96 -6.36 0.01	47.45 -6.17 0.01	47.55 -6.30 0.01	46.88 -6.27 0.01	47.40 -7.08 0.01	45.81 -6.84 2.06	47.27 -6.18 1.75	41.72 -6.27 7.05	41.35 -6.18 6.23	36.25 -5.80 9.30	39.58 -5.25 0.01	37.69 -4.56 0.00	35.46 -3.46 0.00
HUNTLEY___66 23560	41.14 -3.92 0.00	39.04 -3.58 0.00	37.75 -3.33 0.00	39.31 -3.33 0.00	39.42 -3.20 0.00	41.19 -3.29 0.00	47.59 -4.14 0.00	48.77 -5.66 0.00	48.53 -6.06 0.01	48.70 -6.09 0.08	48.27 -6.27 0.01	47.96 -6.36 0.01	47.45 -6.17 0.01	47.55 -6.30 0.01	46.88 -6.27 0.01	47.40 -7.08 0.01	45.81 -6.84 2.06	47.27 -6.18 1.75	41.72 -6.27 7.05	41.35 -6.18 6.23	36.25 -5.80 9.30	39.58 -5.25 0.01	37.69 -4.56 0.00	35.46 -3.46 0.00

HUNTLEY___67 23561	41.05 -4.01 0.00	38.91 -3.71 0.00	37.63 -3.45 0.00	39.18 -3.45 0.00	39.29 -3.32 0.00	41.05 -3.42 0.00	47.38 -4.35 0.00	48.45 -5.99 0.00	48.21 -6.39 0.01	48.34 -6.42 0.12	47.88 -6.65 0.01	47.63 -6.68 0.01	47.13 -6.49 0.01	47.18 -6.68 0.01	46.56 -6.59 0.01	47.13 -7.36 0.01	45.08 -7.28 2.35	46.46 -6.62 2.12	39.81 -6.77 8.46	39.67 -6.67 7.42	34.00 -6.26 11.08	39.31 -5.52 0.01	37.44 -4.82 0.00	35.23 -3.70 0.00
HUNTLEY___68 23562	41.05 -4.01 0.00	38.91 -3.71 0.00	37.63 -3.45 0.00	39.18 -3.45 0.00	39.29 -3.32 0.00	41.05 -3.42 0.00	47.38 -4.35 0.00	48.45 -5.99 0.00	48.21 -6.39 0.01	48.34 -6.42 0.12	47.88 -6.65 0.01	47.63 -6.68 0.01	47.13 -6.49 0.01	47.18 -6.68 0.01	46.56 -6.59 0.01	47.13 -7.36 0.01	45.08 -7.28 2.35	46.46 -6.62 2.12	39.81 -6.77 8.46	39.67 -6.67 7.42	34.00 -6.26 11.08	39.31 -5.52 0.01	37.44 -4.82 0.00	35.23 -3.70 0.00
HYLAND___LFG 323620	44.07 -0.99 0.00	41.89 -0.72 0.00	40.51 -0.58 0.00	42.13 -0.51 0.00	42.23 -0.38 0.00	44.39 -0.09 0.00	51.89 0.16 0.00	54.11 -0.32 0.00	53.56 -1.04 0.00	54.39 -1.59 -1.11	52.53 -2.02 0.00	52.25 -2.06 0.00	51.47 -2.15 0.00	51.79 -2.10 -0.02	51.16 -2.02 -0.02	50.51 -3.98 0.00	59.21 -3.56 -8.06	64.53 -2.59 -11.92	81.70 -2.86 -29.53	74.99 -3.06 -24.29	84.62 -2.98 -36.26	43.63 -1.26 -0.04	40.90 -1.35 0.00	38.03 -0.89 0.00
INDECK___CORINTH 23802	46.23 1.17 0.00	43.77 1.15 0.00	42.19 1.11 0.00	43.53 0.90 0.00	43.60 0.98 0.00	45.99 1.51 0.00	53.75 2.02 0.00	57.00 2.56 0.00	57.77 3.17 0.00	59.54 3.29 -1.37	57.38 2.83 0.00	57.09 2.77 0.00	56.30 2.68 0.00	56.02 2.16 0.00	55.34 2.18 0.00	56.89 2.39 0.00	57.23 2.52 0.00	66.59 2.76 -8.62	61.35 2.81 -3.50	56.12 2.36 0.00	53.50 2.16 0.00	46.54 1.70 0.00	43.82 1.56 0.00	40.21 1.28 0.00
INDECK___ILION 23567	45.60 0.54 0.00	43.08 0.47 0.00	41.57 0.49 0.00	43.15 0.51 0.00	43.13 0.51 0.00	45.06 0.58 0.00	52.40 0.67 0.00	55.31 0.87 0.00	55.47 0.87 0.00	55.86 0.99 0.00	55.36 0.82 0.00	55.13 0.81 0.00	54.37 0.75 0.00	54.62 0.75 0.00	53.85 0.69 0.00	55.20 0.71 0.00	55.31 0.60 0.00	55.87 0.66 0.00	55.65 0.61 0.00	54.30 0.54 0.00	51.86 0.51 0.00	45.24 0.40 0.00	42.64 0.38 0.00	39.28 0.35 0.00
INDECK___OLEAN 23982	42.31 -2.75 0.00	40.27 -2.34 0.00	38.94 -2.14 0.00	40.59 -2.05 0.00	40.66 -1.96 0.00	42.57 -1.91 0.00	49.35 -2.38 0.00	50.13 -4.30 0.00	49.90 -4.70 0.00	50.54 -4.44 -0.11	49.69 -4.85 0.00	49.32 -5.00 0.00	48.68 -4.93 0.00	48.96 -4.90 0.01	48.27 -4.89 0.01	49.31 -5.18 0.00	50.29 -3.77 0.64	53.00 -2.54 -0.33	49.94 -3.14 1.96	48.38 -3.33 2.05	45.06 -3.23 3.05	40.22 -4.62 0.00	38.16 -4.10 0.00	36.36 -2.57 0.00
INDECK___OSWEGO 23783	43.30 -1.76 0.00	40.95 -1.66 0.00	39.52 -1.56 0.00	41.02 -1.62 0.00	41.00 -1.62 0.00	42.92 -1.56 0.00	49.92 -1.81 0.00	52.59 -1.85 0.00	52.58 -2.02 0.00	53.08 -1.87 -0.07	52.53 -2.02 0.00	52.37 -1.95 0.00	51.64 -1.98 0.00	51.93 -1.94 0.00	51.25 -1.91 0.00	52.48 -2.02 0.00	52.69 -2.02 0.00	53.90 -1.77 -0.47	53.36 -1.87 -0.19	51.83 -1.93 0.00	49.55 -1.80 0.00	43.23 -1.61 0.00	40.69 -1.56 0.00	37.53 -1.40 0.00
INDECK___YERKES 23781	41.00 -4.06 0.00	39.08 -3.54 0.00	37.79 -3.29 0.00	39.36 -3.28 0.00	39.46 -3.15 0.00	41.23 -3.25 0.00	47.70 -4.04 0.00	48.77 -5.66 0.00	48.53 -6.06 0.01	48.81 -5.98 0.08	48.32 -6.22 0.01	48.17 -6.14 0.01	47.50 -6.11 0.01	47.88 -5.98 0.01	46.93 -6.22 0.01	47.78 -6.70 0.01	45.86 -6.79 2.06	47.27 -6.18 1.75	41.78 -6.22 7.05	41.35 -6.18 6.23	36.25 -5.80 9.30	39.63 -5.20 0.01	37.69 -4.56 0.00	35.70 -3.23 0.00
INDIAN POINT_GT_1 24139	47.31 2.25 0.00	44.58 1.96 0.00	42.97 1.89 0.00	44.51 1.88 0.00	44.45 1.83 0.00	46.39 1.91 0.00	54.01 2.28 0.00	57.32 2.89 0.00	57.99 3.39 0.00	59.62 3.73 -1.01	57.65 3.11 0.00	57.31 2.99 0.00	56.52 2.90 0.00	56.78 2.91 0.00	56.09 2.92 0.00	57.71 3.21 0.00	58.16 3.45 0.00	65.54 3.97 -6.36	61.42 3.80 -2.58	57.15 3.39 0.00	54.63 3.29 0.00	47.66 2.82 0.00	44.87 2.62 0.00	41.22 2.30 0.00
INDIAN POINT_GT_2 23659	47.31 2.25 0.00	44.58 1.96 0.00	42.97 1.89 0.00	44.51 1.88 0.00	44.45 1.83 0.00	46.39 1.91 0.00	54.01 2.28 0.00	57.32 2.89 0.00	57.99 3.39 0.00	59.62 3.73 -1.01	57.65 3.11 0.00	57.31 2.99 0.00	56.52 2.90 0.00	56.78 2.91 0.00	56.09 2.92 0.00	57.71 3.21 0.00	58.16 3.45 0.00	65.54 3.97 -6.36	61.42 3.80 -2.58	57.15 3.39 0.00	54.63 3.29 0.00	47.66 2.82 0.00	44.87 2.62 0.00	41.22 2.30 0.00
INDIAN POINT_GT_3 24019	47.31 2.25 0.00	44.58 1.96 0.00	42.97 1.89 0.00	44.51 1.88 0.00	44.45 1.83 0.00	46.39 1.91 0.00	54.01 2.28 0.00	57.32 2.89 0.00	57.99 3.39 0.00	59.62 3.73 -1.01	57.65 3.11 0.00	57.31 2.99 0.00	56.52 2.90 0.00	56.78 2.91 0.00	56.09 2.92 0.00	57.71 3.21 0.00	58.16 3.45 0.00	65.54 3.97 -6.36	61.42 3.80 -2.58	57.15 3.39 0.00	54.63 3.29 0.00	47.66 2.82 0.00	44.87 2.62 0.00	41.22 2.30 0.00
INDIAN POINT___2 23530	47.22 2.16 0.00	44.45 1.83 0.00	42.89 1.81 0.00	44.43 1.79 0.00	44.37 1.75 0.00	46.30 1.82 0.00	54.00 2.27 0.00	57.05 2.61 0.00	57.60 3.00 0.00	59.27 3.40 -1.00	57.54 3.00 0.00	57.36 3.04 0.00	56.51 2.89 0.00	56.77 2.91 0.00	56.14 2.98 0.00	57.65 3.16 0.00	58.21 3.50 0.00	65.62 4.14 -6.27	61.44 3.85 -2.55	57.25 3.49 0.00	54.68 3.34 0.00	47.57 2.74 0.00	44.79 2.54 0.00	41.10 2.18 0.00
INDIAN POINT___3 23531	47.27 2.21 0.00	44.49 1.88 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.41 1.79 0.00	46.35 1.87 0.00	53.90 2.17 0.00	57.27 2.83 0.00	57.88 3.28 0.00	59.56 3.68 -1.01	57.60 3.05 0.00	57.25 2.93 0.00	56.41 2.79 0.00	56.72 2.85 0.00	55.98 2.82 0.00	57.60 3.11 0.00	58.10 3.39 0.00	65.49 3.92 -6.37	61.32 3.69 -2.59	57.09 3.33 0.00	54.53 3.18 0.00	47.62 2.78 0.00	44.83 2.58 0.00	41.18 2.26 0.00
INGHAM_C_115KV_TB7 356103	45.92 0.86 0.00	43.42 0.81 0.00	41.90 0.82 0.00	43.49 0.85 0.00	43.51 0.89 0.00	45.46 0.98 0.00	52.87 1.14 0.00	55.80 1.36 0.00	55.91 1.31 0.00	56.30 1.43 0.00	55.85 1.31 0.00	55.62 1.30 0.00	54.85 1.23 0.00	55.05 1.19 0.00	54.28 1.12 0.00	55.47 0.98 0.00	55.42 0.71 0.00	55.98 0.77 0.00	55.70 0.66 0.00	54.30 0.54 0.00	51.81 0.46 0.00	45.24 0.40 0.00	42.59 0.34 0.00	39.28 0.35 0.00
IP CORINTH___1 23988	46.46 1.40 0.00	44.02 1.41 0.00	42.40 1.31 0.00	43.79 1.15 0.00	43.85 1.24 0.00	46.26 1.78 0.00	54.06 2.33 0.00	57.43 2.99 0.00	58.26 3.66 0.00	60.03 3.79 -1.37	57.76 3.22 0.00	57.42 3.10 0.00	56.62 3.00 0.00	56.40 2.53 0.00	55.66 2.50 0.00	57.22 2.72 0.00	57.50 2.79 0.00	66.76 2.93 -8.63	61.68 3.14 -3.50	56.40 2.63 0.00	53.81 2.46 0.00	46.81 1.97 0.00	44.07 1.82 0.00	40.44 1.52 0.00

IP___TICONDEROGA 23804	47.81 2.75 0.00	45.38 2.77 0.00	43.71 2.63 0.00	44.98 2.35 0.00	45.09 2.47 0.00	47.73 3.25 0.00	55.97 4.24 0.00	59.34 4.90 0.00	60.44 5.84 0.00	62.22 5.98 -1.37	59.78 5.24 0.00	59.37 5.05 0.00	58.45 4.83 0.00	58.39 4.52 0.00	57.58 4.41 0.00	59.29 4.80 0.00	59.58 4.87 0.00	68.74 4.91 -8.62	63.83 5.28 -3.50	58.33 4.57 0.00	55.55 4.21 0.00	48.25 3.41 0.00	45.38 3.13 0.00	41.57 2.65 0.00
ISLIP_RES_REC 323679	53.03 4.87 -3.10	48.21 4.30 -1.29	45.06 3.98 0.00	46.55 3.92 0.00	46.62 4.00 0.00	48.61 4.14 0.00	59.95 5.48 -2.74	62.71 5.56 -2.72	63.30 6.22 -2.48	65.06 6.58 -3.60	65.55 5.84 -5.17	67.95 5.65 -7.98	64.75 5.68 -5.45	65.41 5.71 -5.83	64.56 5.90 -5.50	66.56 6.16 -5.92	76.33 6.62 -15.00	79.13 7.40 -16.53	76.20 6.99 -14.17	65.37 6.61 -5.00	59.93 6.31 -2.27	55.38 5.38 -5.16	51.43 4.73 -4.45	43.25 4.17 -0.15
JAMAICA__27_KV_LOAD 355505	47.76 2.70 0.00	44.87 2.26 0.00	43.34 2.26 0.00	44.77 2.13 0.00	44.75 2.13 0.00	46.88 2.40 0.00	54.63 2.90 0.00	58.14 3.70 0.00	58.86 4.26 0.00	60.67 4.77 -1.02	58.36 3.82 0.00	57.96 3.64 0.00	57.16 3.54 0.00	57.48 3.61 0.00	56.78 3.62 0.00	58.52 4.03 0.00	59.03 4.32 0.00	66.55 4.91 -6.43	62.33 4.68 -2.61	57.96 4.19 0.00	55.40 4.06 0.00	48.52 3.68 0.00	45.76 3.51 0.00	41.81 2.88 0.00
JANIS___SOLAR 323808	46.19 1.13 0.00	43.64 1.02 0.00	42.15 1.07 0.00	43.74 1.11 0.00	43.72 1.11 0.00	45.94 1.47 0.00	53.85 2.12 0.00	63.91 9.47 0.00	63.17 8.57 0.00	63.74 8.45 -0.42	62.12 7.58 0.00	61.92 7.60 0.00	60.43 6.81 0.00	60.92 7.05 0.00	60.29 7.13 0.00	62.01 7.52 0.00	62.98 8.26 0.00	59.81 2.76 -1.84	58.16 2.37 -0.75	55.97 2.21 0.00	53.50 2.16 0.00	46.32 1.48 0.00	43.31 1.06 0.00	39.94 1.01 0.00
JARVIS____ 23743	45.20 0.14 0.00	42.74 0.13 0.00	41.21 0.12 0.00	42.77 0.13 0.00	42.75 0.13 0.00	44.66 0.18 0.00	51.89 0.16 0.00	54.65 0.22 0.00	54.82 0.22 0.00	55.20 0.33 0.00	54.82 0.27 0.00	54.59 0.27 0.00	53.84 0.22 0.00	54.08 0.22 0.00	53.38 0.21 0.00	54.71 0.22 0.00	54.98 0.27 0.00	55.60 0.39 0.00	55.37 0.33 0.00	54.03 0.27 0.00	51.60 0.26 0.00	45.06 0.23 0.00	42.47 0.21 0.00	39.12 0.20 0.00
JENNISON___1 23625	46.55 1.49 0.00	43.94 1.32 0.00	42.44 1.36 0.00	44.04 1.41 0.00	43.98 1.36 0.00	46.17 1.69 0.00	54.01 2.28 0.00	59.06 4.63 0.00	58.91 4.31 0.00	59.74 4.44 -0.42	58.42 3.87 0.00	58.18 3.86 0.00	57.10 3.49 0.00	57.48 3.61 0.00	56.72 3.56 0.00	58.09 3.60 0.00	58.65 3.94 0.00	60.76 2.93 -2.62	58.64 2.53 -1.06	56.23 2.47 0.00	53.76 2.41 0.00	46.54 1.70 0.00	43.56 1.31 0.00	40.17 1.25 0.00
JENNISON___2 23626	46.55 1.49 0.00	43.94 1.32 0.00	42.44 1.36 0.00	44.04 1.41 0.00	43.98 1.36 0.00	46.17 1.69 0.00	54.01 2.28 0.00	59.06 4.63 0.00	58.91 4.31 0.00	59.74 4.44 -0.42	58.42 3.87 0.00	58.18 3.86 0.00	57.10 3.49 0.00	57.48 3.61 0.00	56.72 3.56 0.00	58.09 3.60 0.00	58.65 3.94 0.00	60.76 2.93 -2.62	58.64 2.53 -1.06	56.23 2.47 0.00	53.76 2.41 0.00	46.54 1.70 0.00	43.56 1.31 0.00	40.17 1.25 0.00
JERICHO_RISE_WT_PWR 323719	45.64 0.58 0.00	43.38 0.77 0.00	41.78 0.70 0.00	43.41 0.77 0.00	43.26 0.64 0.00	45.10 0.62 0.00	52.71 0.98 0.00	55.47 1.03 0.00	55.31 0.71 0.00	54.98 0.11 0.00	55.20 0.66 0.00	55.24 0.92 0.00	54.64 1.02 0.00	54.94 1.08 0.00	54.01 0.85 0.00	55.25 0.76 0.00	54.82 0.11 0.00	54.43 -0.77 0.00	54.22 -0.82 0.00	53.06 -0.70 0.00	50.63 -0.72 0.00	43.85 -0.99 0.00	40.99 -1.27 0.00	37.53 -1.40 0.00
KATONAH___115KV_46KV_TB4 355592	47.85 2.79 0.00	45.04 2.43 0.00	43.46 2.38 0.00	44.98 2.35 0.00	44.96 2.34 0.00	46.93 2.45 0.00	54.68 2.95 0.00	57.92 3.48 0.00	58.64 4.04 0.00	60.41 4.50 -1.03	58.36 3.82 0.00	57.90 3.59 0.00	57.11 3.49 0.00	57.37 3.50 0.00	56.62 3.46 0.00	58.25 3.76 0.00	58.65 3.94 0.00	66.18 4.47 -6.50	62.03 4.35 -2.64	57.79 4.03 0.00	55.25 3.90 0.00	48.11 3.27 0.00	45.30 3.04 0.00	41.53 2.61 0.00
KCE_NY_1 323755	47.18 2.12 0.00	44.66 2.05 0.00	43.05 1.97 0.00	44.51 1.87 0.00	44.54 1.92 0.00	46.97 2.49 0.00	54.73 3.00 0.00	57.70 3.27 0.00	58.36 3.76 0.00	60.13 3.90 -1.36	57.98 3.44 0.00	57.74 3.42 0.00	56.89 3.27 0.00	56.99 3.12 0.00	56.30 3.14 0.00	57.87 3.38 0.00	58.21 3.50 0.00	67.59 3.81 -8.58	62.32 3.80 -3.48	57.15 3.39 0.00	54.53 3.18 0.00	47.53 2.69 0.00	44.79 2.54 0.00	41.14 2.22 0.00
KCE_NY_6_ESR 323823	41.45 -3.61 0.00	39.46 -3.15 0.00	38.20 -2.88 0.00	39.82 -2.82 0.00	39.89 -2.73 0.00	41.72 -2.76 0.00	48.31 -3.42 0.00	49.32 -5.12 0.00	49.08 -5.51 0.01	49.31 -5.43 0.13	48.87 -5.67 0.01	48.66 -5.65 0.01	47.98 -5.63 0.01	48.31 -5.55 0.01	47.41 -5.74 0.01	48.33 -6.16 0.01	46.08 -6.13 2.50	47.62 -5.30 2.28	40.60 -5.67 8.77	40.37 -5.70 7.69	34.52 -5.34 11.48	39.81 -5.02 0.01	37.86 -4.40 0.00	35.89 -3.04 0.00
KEDC_PORT_JEFF_GT2 24210	52.58 4.64 -2.87	47.95 4.13 -1.20	44.85 3.78 0.00	46.34 3.71 0.00	46.41 3.79 0.00	48.43 3.96 0.00	59.44 5.17 -2.54	62.18 5.23 -2.52	62.79 5.90 -2.29	64.54 6.25 -3.41	65.05 5.51 -5.00	67.41 5.33 -7.77	64.29 5.36 -5.31	64.94 5.39 -5.69	64.10 5.58 -5.35	66.08 5.83 -5.76	75.80 6.23 -14.86	78.68 7.07 -16.40	75.76 6.66 -14.06	64.91 6.29 -4.87	59.50 6.06 -2.10	55.00 5.15 -5.01	50.90 4.52 -4.12	43.04 3.97 -0.14
KEDC_PORT_JEFF_GT3 24211	52.58 4.64 -2.87	47.95 4.13 -1.20	44.85 3.78 0.00	46.34 3.71 0.00	46.41 3.79 0.00	48.43 3.96 0.00	59.44 5.17 -2.54	62.18 5.23 -2.52	62.79 5.90 -2.29	64.54 6.25 -3.41	65.05 5.51 -5.00	67.41 5.33 -7.77	64.29 5.36 -5.31	64.94 5.39 -5.69	64.10 5.58 -5.35	66.08 5.83 -5.76	75.80 6.23 -14.86	78.68 7.07 -16.40	75.76 6.66 -14.06	64.91 6.29 -4.87	59.50 6.06 -2.10	55.00 5.15 -5.01	50.90 4.52 -4.12	43.04 3.97 -0.14
KEDC_GLWD_GT4 24219	60.82 3.25 -12.51	50.40 2.56 -5.23	43.80 2.71 -0.01	45.33 2.69 -0.01	45.31 2.69 -0.01	47.25 2.76 -0.01	65.94 3.16 -11.06	68.77 3.38 -10.96	68.58 3.98 -9.99	70.75 4.44 -11.44	70.49 3.98 -11.97	74.87 3.96 -16.59	68.84 3.86 -11.36	69.37 3.82 -11.67	68.50 3.88 -11.46	70.87 4.09 -12.29	79.93 4.43 -20.79	81.88 5.02 -21.65	78.13 4.73 -18.36	68.53 4.35 -10.42	64.76 4.26 -9.16	59.93 3.72 -11.37	63.72 3.55 -17.91	42.64 3.07 -0.64
KEDC_GLWD_GT5 24220	60.82 3.25 -12.51	50.40 2.56 -5.23	43.80 2.71 -0.01	45.33 2.69 -0.01	45.31 2.69 -0.01	47.25 2.76 -0.01	65.94 3.16 -11.06	68.77 3.38 -10.96	68.58 3.98 -9.99	70.75 4.44 -11.44	70.49 3.98 -11.97	74.87 3.96 -16.59	68.84 3.86 -11.36	69.37 3.82 -11.67	68.50 3.88 -11.46	70.87 4.09 -12.29	79.93 4.43 -20.79	81.88 5.02 -21.65	78.13 4.73 -18.36	68.53 4.35 -10.42	64.76 4.26 -9.16	59.93 3.72 -11.37	63.72 3.55 -17.91	42.64 3.07 -0.64

KENSICO____ 23655	47.49 2.43 0.00	44.70 2.09 0.00	43.14 2.05 0.00	44.64 2.00 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.54 3.10 0.00	58.20 3.60 0.00	59.84 3.95 -1.02	57.87 3.33 0.00	57.52 3.20 0.00	56.73 3.11 0.00	56.99 3.12 0.00	56.30 3.14 0.00	57.92 3.43 0.00	58.37 3.67 0.00	65.82 4.20 -6.42	61.67 4.02 -2.61	57.36 3.60 0.00	54.78 3.44 0.00	47.89 3.05 0.00	45.04 2.79 0.00	41.38 2.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.03 2.97 0.00	45.38 2.77 0.00	43.71 2.63 0.00	45.32 2.69 0.00	45.22 2.60 0.00	47.24 2.76 0.00	55.20 3.47 0.00	58.52 4.08 0.00	59.08 4.48 0.00	60.57 4.72 -0.98	58.53 3.98 0.00	58.18 3.86 0.00	57.32 3.70 0.00	57.64 3.77 0.00	56.94 3.77 0.00	58.74 4.25 0.00	59.36 4.65 0.00	66.82 5.47 -6.15	62.83 5.28 -2.50	58.49 4.73 0.00	55.81 4.47 0.00	48.25 3.41 0.00	45.47 3.21 0.00	41.65 2.72 0.00
KIAC_JFK_GT1 23816	47.63 2.57 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.64 2.00 0.00	44.58 1.96 0.00	46.75 2.27 0.00	54.47 2.74 0.00	57.97 3.54 0.00	58.69 4.09 0.00	60.45 4.55 -1.02	58.15 3.60 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.26 3.39 0.00	56.57 3.40 0.00	58.31 3.81 0.00	58.81 4.10 0.00	66.33 4.69 -6.43	62.11 4.46 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.38 3.54 0.00	45.59 3.34 0.00	41.69 2.76 0.00
KIAC_JFK_GT2 23817	47.63 2.57 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.64 2.00 0.00	44.58 1.96 0.00	46.75 2.27 0.00	54.47 2.74 0.00	57.97 3.54 0.00	58.69 4.09 0.00	60.45 4.55 -1.02	58.15 3.60 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.26 3.39 0.00	56.57 3.40 0.00	58.31 3.81 0.00	58.81 4.10 0.00	66.33 4.69 -6.43	62.11 4.46 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.38 3.54 0.00	45.59 3.34 0.00	41.69 2.76 0.00
KIAC_JFK____ 323774	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.64 2.00 0.00	44.58 1.96 0.00	46.75 2.27 0.00	54.63 2.90 0.00	57.76 3.32 0.00	58.48 3.88 0.00	60.23 4.33 -1.02	58.20 3.65 0.00	58.01 3.70 0.00	57.21 3.59 0.00	57.42 3.55 0.00	56.83 3.67 0.00	58.42 3.93 0.00	58.98 4.27 0.00	66.60 4.97 -6.42	62.28 4.62 -2.61	58.01 4.25 0.00	55.45 4.11 0.00	48.38 3.54 0.00	45.59 3.34 0.00	41.65 2.72 0.00
KINTIGH____ 23543	41.09 -3.97 0.00	38.95 -3.66 0.00	37.63 -3.45 0.00	39.14 -3.50 0.00	39.21 -3.41 0.00	40.96 -3.51 0.00	47.33 -4.40 0.00	48.77 -5.66 0.00	48.65 -5.95 0.00	48.78 -6.09 0.00	48.33 -6.22 0.00	48.08 -6.25 0.00	47.56 -6.06 0.00	47.56 -6.30 0.00	46.99 -6.17 0.00	47.57 -6.92 0.00	46.33 -7.11 1.26	47.89 -6.51 0.80	44.21 -6.66 4.17	43.41 -6.56 3.79	39.48 -6.21 5.66	39.90 -4.93 0.01	37.86 -4.39 0.00	35.38 -3.54 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.37 1.31 0.00	44.06 1.45 0.00	42.48 1.40 0.00	44.13 1.49 0.00	43.90 1.28 0.00	45.81 1.33 0.00	53.64 1.91 0.00	56.07 1.63 0.00	55.96 1.36 0.00	55.64 0.77 0.00	55.85 1.31 0.00	56.17 1.85 0.00	55.39 1.77 0.00	55.81 1.94 0.00	54.86 1.70 0.00	56.18 1.69 0.00	55.69 0.98 0.00	55.48 0.28 0.00	55.15 0.11 0.00	53.92 0.16 0.00	51.45 0.10 0.00	44.44 -0.40 0.00	41.45 -0.80 0.00	37.95 -0.97 0.00
LACHUTE__HYDRO 323717	47.81 2.75 0.00	45.38 2.77 0.00	43.71 2.63 0.00	44.98 2.34 0.00	45.09 2.47 0.00	47.72 3.25 0.00	55.97 4.24 0.00	59.17 4.73 0.00	60.28 5.68 0.00	62.06 5.81 -1.37	59.67 5.13 0.00	59.37 5.05 0.00	58.45 4.83 0.00	58.34 4.47 0.00	57.57 4.41 0.00	59.23 4.74 0.00	59.58 4.87 0.00	68.95 5.14 -8.61	63.82 5.28 -3.50	58.33 4.57 0.00	55.56 4.21 0.00	48.25 3.41 0.00	45.38 3.13 0.00	41.57 2.65 0.00
LAWRNCV_115KV_TB1 80681	44.47 -0.59 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.49 1.76 0.00	56.83 2.40 0.00	56.40 1.80 0.00	56.44 1.54 -0.03	56.13 1.58 0.00	56.17 1.85 0.00	55.23 1.61 0.00	55.70 1.83 0.00	54.92 1.75 0.00	56.29 1.80 0.00	56.30 1.59 0.00	56.89 1.49 -0.19	56.17 1.05 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.04 -0.21 0.00	38.50 -0.43 0.00
LEDERLE____ 23769	47.27 2.21 0.00	44.53 1.92 0.00	42.97 1.89 0.00	44.51 1.88 0.00	44.45 1.83 0.00	46.39 1.91 0.00	54.01 2.28 0.00	57.38 2.94 0.00	57.99 3.39 0.00	59.59 3.73 -0.98	57.65 3.11 0.00	57.36 3.04 0.00	56.52 2.90 0.00	56.83 2.96 0.00	56.09 2.92 0.00	57.71 3.21 0.00	58.21 3.50 0.00	65.48 4.09 -6.19	61.41 3.85 -2.52	57.26 3.49 0.00	54.68 3.34 0.00	47.66 2.82 0.00	44.87 2.62 0.00	41.18 2.26 0.00
LIGHTHSE_115KV_TB6 355974	43.53 -1.53 0.00	41.17 -1.45 0.00	39.73 -1.36 0.00	41.23 -1.41 0.00	41.25 -1.36 0.00	43.23 -1.25 0.00	50.49 -1.24 0.00	53.46 -0.98 0.00	53.45 -1.15 0.00	53.85 -1.10 -0.07	53.24 -1.31 0.00	53.02 -1.30 0.00	52.28 -1.34 0.00	52.57 -1.29 0.00	51.89 -1.28 0.00	53.18 -1.31 0.00	53.51 -1.20 0.00	54.77 -0.88 -0.45	54.12 -1.10 -0.18	52.69 -1.08 0.00	50.37 -0.98 0.00	43.85 -0.99 0.00	41.07 -1.18 0.00	37.80 -1.13 0.00
LINDEN COGEN____ 23786	47.40 2.34 0.00	44.53 1.92 0.00	42.97 1.89 0.00	44.47 1.83 0.00	44.41 1.79 0.00	46.39 1.91 0.00	54.10 2.38 0.01	55.99 2.72 1.17	55.93 3.22 1.89	55.99 3.68 2.56	55.93 3.22 1.83	55.99 3.37 1.70	55.99 3.22 0.85	55.99 3.18 1.05	55.99 3.35 0.52	55.99 3.44 1.94	56.13 3.72 2.31	65.02 4.31 -5.50	60.70 3.97 -1.69	56.68 3.71 0.78	54.99 3.65 0.00	47.98 3.14 0.00	45.13 2.87 0.00	41.38 2.45 0.00
LINDHRST_69_KV_BK1 356055	55.75 4.37 -6.32	49.18 3.92 -2.64	44.70 3.62 0.00	46.18 3.54 0.00	46.24 3.62 0.00	48.22 3.74 0.00	62.02 4.71 -5.59	65.47 5.50 -5.53	65.60 5.95 -5.05	67.52 6.37 -6.28	67.49 5.45 -7.49	70.46 5.21 -10.92	66.24 5.15 -7.47	66.87 5.17 -7.83	65.91 5.21 -7.54	68.20 5.61 -8.10	77.60 5.91 -16.98	80.06 6.57 -18.28	76.92 6.27 -15.60	66.47 5.86 -6.85	61.62 5.65 -4.63	57.06 4.93 -7.28	55.74 4.44 -9.05	43.22 3.97 -0.32
LIPA_MISC_IPP 23656	52.53 4.69 -2.78	47.95 4.18 -1.16	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.43 3.96 0.00	59.15 4.97 -2.46	62.53 5.66 -2.44	62.94 6.12 -2.22	64.68 6.48 -3.34	64.66 5.18 -4.93	66.67 4.67 -7.68	63.75 4.88 -5.25	64.62 5.12 -5.63	63.77 5.32 -5.29	65.91 5.72 -5.70	75.59 6.07 -14.80	78.41 6.85 -16.36	75.56 6.49 -14.02	64.60 6.02 -4.81	59.18 5.80 -2.04	54.86 5.07 -4.95	50.64 4.39 -3.99	42.96 3.89 -0.14
LISF__SOLAR 323691	52.70 4.82 -2.82	48.01 4.22 -1.18	44.98 3.90 0.00	46.47 3.84 0.00	46.49 3.88 0.00	48.48 4.00 0.00	59.44 5.22 -2.49	62.18 5.28 -2.47	62.80 5.95 -2.25	64.49 6.25 -3.37	64.79 5.29 -4.96	66.98 4.94 -7.72	64.04 5.15 -5.27	64.86 5.33 -5.66	64.06 5.58 -5.32	66.10 5.89 -5.72	75.88 6.34 -14.83	78.75 7.17 -16.37	75.79 6.71 -14.04	64.94 6.34 -4.83	59.46 6.06 -2.06	54.97 5.15 -4.97	50.77 4.48 -4.04	42.99 3.93 -0.14

LITTLE FALLS___HYD 24013	45.92 0.86 0.00	43.42 0.81 0.00	41.90 0.82 0.00	43.49 0.85 0.00	43.51 0.89 0.00	45.46 0.98 0.00	52.87 1.14 0.00	55.80 1.36 0.00	55.91 1.31 0.00	56.30 1.43 0.00	55.85 1.31 0.00	55.62 1.30 0.00	54.85 1.23 0.00	55.05 1.19 0.00	54.28 1.12 0.00	55.47 0.98 0.00	55.42 0.71 0.00	55.98 0.77 0.00	55.70 0.66 0.00	54.30 0.54 0.00	51.81 0.46 0.00	45.24 0.40 0.00	42.59 0.34 0.00	39.28 0.35 0.00
LITTLRIV_115KV_TB1 356100	45.29 0.23 0.00	42.91 0.30 0.00	41.45 0.37 0.00	43.23 0.60 0.00	43.73 1.11 0.00	46.12 1.65 0.00	54.58 2.85 0.00	58.14 3.70 0.00	57.60 3.00 0.00	57.65 2.74 -0.03	57.27 2.73 0.00	57.31 2.99 0.00	56.30 2.68 0.00	56.78 2.91 0.00	55.98 2.82 0.00	57.43 2.94 0.00	57.50 2.79 0.00	58.10 2.71 -0.19	57.38 2.26 -0.08	56.56 2.80 0.00	54.12 2.77 0.00	46.32 1.48 0.00	42.80 0.55 0.00	39.16 0.23 0.00
LI_NEWBRDGE___DRP 323616	49.14 3.42 -0.66	45.95 3.07 -0.27	43.95 2.88 0.01	45.44 2.81 0.01	45.47 2.86 0.01	47.36 2.89 0.01	55.93 3.62 -0.58	59.37 4.35 -0.58	59.93 4.80 -0.52	61.66 5.21 -1.57	62.20 4.25 -3.40	64.08 4.02 -5.74	61.50 3.97 -3.91	62.17 3.99 -4.31	61.10 3.99 -3.95	63.11 4.36 -4.26	72.80 4.60 -13.50	75.54 5.13 -15.20	73.02 4.90 -13.08	61.92 4.57 -3.59	56.29 4.47 -0.48	52.29 3.90 -3.55	46.92 3.72 -0.95	42.22 3.27 -0.03
LOCKPORT_115KV_TB60_63_64 80432	40.69 -4.37 0.00	38.61 -4.01 0.00	37.34 -3.74 0.00	38.89 -3.75 0.00	38.95 -3.67 0.00	40.74 -3.74 0.00	47.02 -4.71 0.00	48.45 -5.99 0.00	48.21 -6.39 0.00	48.35 -6.48 0.05	47.89 -6.65 0.00	47.58 -6.74 0.00	47.07 -6.54 0.00	47.12 -6.73 0.01	46.51 -6.65 0.01	47.02 -7.47 0.00	45.73 -7.22 1.76	47.19 -6.62 1.40	42.55 -6.55 5.94	42.02 -6.45 5.29	37.40 -6.06 7.89	39.49 -5.34 0.01	37.56 -4.69 0.00	35.31 -3.62 0.00
LOCKPORT___CC1 323769	40.46 -4.60 0.00	38.57 -4.05 0.00	37.30 -3.78 0.00	38.84 -3.79 0.00	38.91 -3.71 0.00	40.65 -3.83 0.00	47.02 -4.71 0.00	48.23 -6.21 0.00	47.99 -6.61 0.01	48.22 -6.59 0.07	47.72 -6.82 0.01	47.58 -6.74 0.01	46.91 -6.70 0.01	47.28 -6.57 0.01	46.35 -6.81 0.01	47.24 -7.25 0.01	45.42 -7.39 1.91	46.89 -6.74 1.58	41.69 -6.88 6.47	41.36 -6.67 5.73	36.52 -6.27 8.55	39.40 -5.43 0.01	37.44 -4.82 0.00	35.42 -3.50 0.00
LOCKPORT___CC2 323770	40.46 -4.60 0.00	38.57 -4.05 0.00	37.30 -3.78 0.00	38.84 -3.79 0.00	38.91 -3.71 0.00	40.65 -3.83 0.00	47.02 -4.71 0.00	48.23 -6.21 0.00	47.99 -6.61 0.01	48.22 -6.59 0.07	47.72 -6.82 0.01	47.58 -6.74 0.01	46.91 -6.70 0.01	47.28 -6.57 0.01	46.35 -6.81 0.01	47.24 -7.25 0.01	45.42 -7.39 1.91	46.89 -6.74 1.58	41.69 -6.88 6.47	41.36 -6.67 5.73	36.52 -6.27 8.55	39.40 -5.43 0.01	37.44 -4.82 0.00	35.42 -3.50 0.00
LOCKPORT___CC3 323771	40.46 -4.60 0.00	38.57 -4.05 0.00	37.30 -3.78 0.00	38.84 -3.79 0.00	38.91 -3.71 0.00	40.65 -3.83 0.00	47.02 -4.71 0.00	48.23 -6.21 0.00	47.99 -6.61 0.01	48.22 -6.59 0.07	47.72 -6.82 0.01	47.58 -6.74 0.01	46.91 -6.70 0.01	47.28 -6.57 0.01	46.35 -6.81 0.01	47.24 -7.25 0.01	45.42 -7.39 1.91	46.89 -6.74 1.58	41.69 -6.88 6.47	41.36 -6.67 5.73	36.52 -6.27 8.55	39.40 -5.43 0.01	37.44 -4.82 0.00	35.42 -3.50 0.00
LONG_LAKE_PHOENIX 24014	43.48 -1.58 0.00	41.08 -1.53 0.00	39.64 -1.44 0.00	41.15 -1.49 0.00	41.13 -1.49 0.00	43.06 -1.42 0.00	50.13 -1.60 0.00	52.86 -1.58 0.00	52.91 -1.69 0.00	53.36 -1.59 -0.08	52.80 -1.75 0.00	52.58 -1.74 0.00	51.90 -1.72 0.00	52.14 -1.72 0.00	51.46 -1.70 0.00	52.64 -1.85 0.00	52.90 -1.81 0.00	54.20 -1.49 -0.49	53.59 -1.65 -0.20	52.04 -1.72 0.00	49.75 -1.59 0.00	43.45 -1.39 0.00	40.86 -1.39 0.00	37.64 -1.28 0.00
LOVETT___3 23632	47.04 1.98 0.00	44.36 1.75 0.00	42.77 1.68 0.00	44.30 1.66 0.00	44.24 1.62 0.00	46.17 1.69 0.00	53.70 1.97 0.00	57.05 2.61 0.00	57.66 3.06 0.00	59.26 3.40 -0.99	57.33 2.78 0.00	56.98 2.66 0.00	56.19 2.57 0.00	56.45 2.59 0.00	55.77 2.60 0.00	57.38 2.89 0.00	57.83 3.12 0.00	65.12 3.70 -6.22	61.09 3.52 -2.53	56.88 3.12 0.00	54.32 2.98 0.00	47.40 2.56 0.00	44.66 2.41 0.00	41.03 2.10 0.00
LOVETT___4 23642	47.04 1.98 0.00	44.36 1.75 0.00	42.77 1.68 0.00	44.30 1.66 0.00	44.24 1.62 0.00	46.17 1.69 0.00	53.70 1.97 0.00	57.05 2.61 0.00	57.66 3.06 0.00	59.26 3.40 -0.99	57.33 2.78 0.00	56.98 2.66 0.00	56.19 2.57 0.00	56.45 2.59 0.00	55.77 2.60 0.00	57.38 2.89 0.00	57.83 3.12 0.00	65.12 3.70 -6.22	61.09 3.52 -2.53	56.88 3.12 0.00	54.32 2.98 0.00	47.40 2.56 0.00	44.66 2.41 0.00	41.03 2.10 0.00
LOVETT___5 23593	47.04 1.98 0.00	44.36 1.75 0.00	42.77 1.68 0.00	44.30 1.66 0.00	44.24 1.62 0.00	46.17 1.69 0.00	53.70 1.97 0.00	57.05 2.61 0.00	57.66 3.06 0.00	59.26 3.40 -0.99	57.33 2.78 0.00	56.98 2.66 0.00	56.19 2.57 0.00	56.45 2.59 0.00	55.77 2.60 0.00	57.38 2.89 0.00	57.83 3.12 0.00	65.12 3.70 -6.22	61.09 3.52 -2.53	56.88 3.12 0.00	54.32 2.98 0.00	47.40 2.56 0.00	44.66 2.41 0.00	41.03 2.10 0.00
LOWER RAQUET___HYD 24057	44.52 -0.54 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.54 1.81 0.00	57.05 2.61 0.00	56.62 2.02 0.00	56.61 1.70 -0.03	56.24 1.69 0.00	56.22 1.90 0.00	55.39 1.77 0.00	55.75 1.88 0.00	54.91 1.75 0.00	56.34 1.85 0.00	56.30 1.59 0.00	56.83 1.43 -0.19	56.16 1.04 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.09 -0.17 0.00	38.50 -0.43 0.00
LOWER___HUDSON 24059	47.13 2.07 0.00	44.53 1.92 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.49 1.87 0.00	46.57 2.09 0.00	54.11 2.38 0.00	56.94 2.51 0.00	57.44 2.84 0.00	59.18 2.96 -1.35	57.16 2.62 0.00	56.93 2.61 0.00	56.19 2.57 0.00	56.35 2.48 0.00	55.66 2.50 0.00	57.16 2.67 0.00	57.55 2.84 0.00	66.88 3.20 -8.48	61.57 3.08 -3.44	56.56 2.79 0.00	53.96 2.62 0.00	47.17 2.33 0.00	44.49 2.24 0.00	40.91 1.98 0.00
LOWVILLE_115KV_TB2 356335	44.70 -0.36 0.00	42.19 -0.43 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.45 -0.17 0.00	44.61 0.13 0.00	52.35 0.62 0.00	55.69 1.25 0.00	55.53 0.93 0.00	55.90 0.99 -0.04	55.25 0.71 0.00	55.08 0.76 0.00	54.21 0.59 0.00	54.57 0.70 0.00	53.91 0.74 0.00	55.36 0.87 0.00	55.64 0.93 0.00	56.61 1.16 -0.25	56.02 0.88 -0.10	54.89 1.13 0.00	52.47 1.13 0.00	45.42 0.58 0.00	42.34 0.08 0.00	38.85 -0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.18 2.12 0.00	44.62 2.00 0.00	43.01 1.93 0.00	44.47 1.83 0.00	44.54 1.92 0.00	46.93 2.45 0.00	54.73 3.00 0.00	57.87 3.43 0.00	58.53 3.93 0.00	60.30 4.06 -1.36	58.04 3.49 0.00	57.74 3.42 0.00	56.94 3.32 0.00	56.99 3.12 0.00	56.30 3.14 0.00	57.87 3.38 0.00	58.21 3.50 0.00	67.43 3.64 -8.58	62.33 3.80 -3.49	57.15 3.39 0.00	54.48 3.13 0.00	47.48 2.65 0.00	44.75 2.49 0.00	41.11 2.18 0.00

LUTHERNY_35_KV_BK2 355980	47.18 2.12 0.00	44.66 2.05 0.00	43.05 1.97 0.00	44.51 1.88 0.00	44.54 1.92 0.00	46.97 2.49 0.00	54.78 3.05 0.00	57.87 3.43 0.00	58.59 3.99 0.00	60.30 4.06 -1.36	58.09 3.55 0.00	57.74 3.42 0.00	56.94 3.32 0.00	57.05 3.18 0.00	56.30 3.14 0.00	57.92 3.43 0.00	58.27 3.56 0.00	67.49 3.70 -8.58	62.33 3.80 -3.49	57.20 3.44 0.00	54.53 3.18 0.00	47.53 2.69 0.00	44.79 2.54 0.00	41.14 2.22 0.00
LWR___OSWEGATCHIE_HYD 23850	44.07 -0.99 0.00	41.68 -0.94 0.00	40.26 -0.82 0.00	41.91 -0.72 0.00	42.23 -0.38 0.00	44.48 0.00 0.00	52.40 0.67 0.00	55.80 1.36 0.00	55.47 0.87 0.00	55.62 0.71 -0.04	55.15 0.60 0.00	55.08 0.76 0.00	54.21 0.59 0.00	54.62 0.75 0.00	53.91 0.74 0.00	55.31 0.82 0.00	55.48 0.77 0.00	56.27 0.83 -0.23	55.63 0.50 -0.09	54.62 0.86 0.00	52.27 0.92 0.00	45.02 0.18 0.00	41.79 -0.46 0.00	38.26 -0.66 0.00
LYONS_FALL_HYD 23570	45.15 0.09 0.00	42.66 0.04 0.00	41.21 0.12 0.00	42.77 0.13 0.00	42.83 0.21 0.00	44.97 0.49 0.00	52.66 0.93 0.00	55.80 1.36 0.00	55.75 1.15 0.00	56.17 1.26 -0.04	55.58 1.03 0.00	55.41 1.09 0.00	54.59 0.97 0.00	54.89 1.02 0.00	54.17 1.01 0.00	55.58 1.09 0.00	55.91 1.20 0.00	56.82 1.38 -0.23	56.29 1.16 -0.09	55.05 1.29 0.00	52.63 1.28 0.00	45.65 0.81 0.00	42.68 0.42 0.00	39.20 0.27 0.00
MADISON___COUNTY_LFGE 323628	45.83 0.77 0.00	43.30 0.68 0.00	41.82 0.74 0.00	43.36 0.72 0.00	43.39 0.77 0.00	45.50 1.02 0.00	53.08 1.34 0.00	56.12 1.69 0.00	56.24 1.64 0.00	56.64 1.70 -0.06	55.96 1.42 0.00	55.73 1.41 0.00	54.96 1.34 0.00	55.21 1.35 0.00	54.55 1.38 0.00	55.91 1.42 0.00	56.19 1.48 0.00	57.30 1.71 -0.38	56.74 1.54 -0.15	55.27 1.51 0.00	52.83 1.49 0.00	45.96 1.12 0.00	43.10 0.85 0.00	39.70 0.78 0.00
MALONE___115KV_TB1 356076	46.19 1.13 0.00	43.85 1.24 0.00	42.27 1.19 0.00	43.96 1.32 0.00	43.90 1.28 0.00	45.90 1.42 0.00	53.90 2.17 0.00	56.61 2.18 0.00	56.46 1.86 0.00	56.19 1.32 0.00	56.29 1.75 0.00	56.55 2.23 0.00	55.76 2.14 0.00	56.18 2.32 0.00	55.29 2.13 0.00	56.62 2.13 0.00	56.24 1.53 0.00	56.14 0.94 0.00	55.70 0.66 0.00	54.62 0.86 0.00	52.22 0.87 0.00	44.97 0.13 0.00	41.87 -0.38 0.00	38.34 -0.58 0.00
MAPLEWOD_115KV_TB3 80458	47.04 1.98 0.00	44.49 1.88 0.00	42.89 1.81 0.00	44.43 1.79 0.00	44.45 1.83 0.00	46.44 1.96 0.00	53.80 2.07 0.00	56.78 2.34 0.00	57.28 2.68 0.00	59.02 2.80 -1.34	56.89 2.35 0.00	56.60 2.28 0.00	55.87 2.25 0.00	56.13 2.26 0.00	55.40 2.23 0.00	56.94 2.45 0.00	57.28 2.57 0.00	66.37 2.71 -8.46	61.23 2.75 -3.44	56.23 2.47 0.00	53.65 2.31 0.00	46.90 2.06 0.00	44.37 2.11 0.00	40.83 1.91 0.00
MAPLE_RIDGE_WT_1 323574	44.16 -0.90 0.00	41.80 -0.81 0.00	40.30 -0.78 0.00	41.87 -0.77 0.00	41.85 -0.77 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.51 -0.93 0.00	53.56 -1.04 0.00	53.67 -1.21 0.00	53.57 -0.98 0.00	53.34 -0.98 0.00	52.71 -0.91 0.00	52.95 -0.92 0.00	52.15 -1.01 0.00	53.40 -1.09 0.00	53.40 -1.31 0.00	53.55 -1.65 0.00	53.44 -1.60 0.00	52.26 -1.50 0.00	49.91 -1.44 0.00	43.58 -1.26 0.00	41.07 -1.18 0.00	37.80 -1.13 0.00
MAPLE_RIDGE_WT_2 323611	44.16 -0.90 0.00	41.80 -0.81 0.00	40.30 -0.78 0.00	41.87 -0.77 0.00	41.85 -0.77 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.51 -0.93 0.00	53.56 -1.04 0.00	53.67 -1.21 0.00	53.57 -0.98 0.00	53.34 -0.98 0.00	52.71 -0.91 0.00	52.95 -0.92 0.00	52.15 -1.01 0.00	53.40 -1.09 0.00	53.40 -1.31 0.00	53.55 -1.65 0.00	53.44 -1.60 0.00	52.26 -1.50 0.00	49.91 -1.44 0.00	43.58 -1.26 0.00	41.07 -1.18 0.00	37.80 -1.13 0.00
MARBLE_RIVER_WT_PWR 323696	45.64 0.58 0.00	43.34 0.72 0.00	41.78 0.70 0.00	43.41 0.77 0.00	43.26 0.64 0.00	45.06 0.58 0.00	52.66 0.93 0.00	55.42 0.98 0.00	55.26 0.66 0.00	55.04 0.17 0.00	55.15 0.60 0.00	55.19 0.87 0.00	54.59 0.97 0.00	54.89 1.02 0.00	53.96 0.80 0.00	55.20 0.71 0.00	54.82 0.11 0.00	54.49 -0.72 0.00	54.27 -0.77 0.00	53.06 -0.70 0.00	50.63 -0.72 0.00	43.85 -0.99 0.00	40.99 -1.27 0.00	37.53 -1.40 0.00
MARSHVLE_115KV_TB1 80742	47.40 2.34 0.00	44.92 2.30 0.00	43.26 2.18 0.00	44.64 2.00 0.00	44.75 2.13 0.00	47.01 2.54 0.00	54.99 3.26 0.00	57.92 3.48 0.00	58.26 3.66 0.00	59.70 3.29 -1.54	57.11 2.56 0.00	56.65 2.34 0.00	55.82 2.20 0.00	56.40 2.53 0.00	55.56 2.39 0.00	57.60 3.11 0.00	58.32 3.61 0.00	68.75 3.86 -9.68	62.99 4.02 -3.93	57.42 3.66 0.00	54.73 3.39 0.00	47.89 3.05 0.00	44.96 2.70 0.00	41.22 2.30 0.00
MARSH_HILL_WT_PWR 323713	42.36 -2.70 0.00	40.44 -2.17 0.00	39.28 -1.81 0.00	40.93 -1.71 0.00	41.09 -1.53 0.00	43.19 -1.29 0.00	50.28 -1.45 0.00	52.04 -2.39 0.00	51.65 -2.95 0.00	52.66 -3.35 -1.14	50.89 -3.65 0.00	50.90 -3.42 0.00	50.34 -3.27 0.00	50.60 -3.29 -0.02	49.73 -3.45 -0.02	50.40 -4.09 0.00	58.89 -3.83 -8.01	64.09 -3.20 -12.09	80.88 -3.58 -29.42	73.96 -3.92 -24.12	83.60 -3.75 -36.00	40.98 -3.90 -0.04	38.41 -3.84 0.00	35.93 -3.00 0.00
MCINTYRE_115KV_TB2 80467	45.96 0.90 0.00	43.51 0.89 0.00	42.07 0.99 0.00	43.87 1.24 0.00	44.32 1.70 0.00	46.84 2.36 0.00	55.45 3.72 0.00	59.17 4.74 0.00	58.48 3.88 0.00	58.53 3.62 -0.03	58.09 3.55 0.00	58.07 3.75 0.00	57.00 3.38 0.00	57.53 3.66 0.00	56.78 3.62 0.00	58.25 3.76 0.00	58.43 3.72 0.00	59.10 3.70 -0.19	58.31 3.19 -0.08	57.53 3.76 0.00	55.04 3.70 0.00	47.08 2.24 0.00	43.44 1.18 0.00	39.70 0.78 0.00
MECO_____69_KV_BK1 80468	48.39 3.33 0.00	45.90 3.28 0.00	44.20 3.12 0.00	45.54 2.90 0.00	45.64 3.03 0.00	47.95 3.47 0.00	56.18 4.45 0.00	59.06 4.63 0.00	59.51 4.91 0.00	61.02 4.66 -1.48	58.42 3.87 0.00	58.01 3.69 0.00	57.16 3.54 0.00	57.64 3.77 0.00	56.83 3.67 0.00	58.90 4.41 0.00	59.52 4.81 0.00	69.61 5.08 -9.33	64.17 5.34 -3.79	58.60 4.84 0.00	55.91 4.57 0.00	48.74 3.90 0.00	45.80 3.55 0.00	42.00 3.08 0.00
MENANDS___115KV_TB5 355628	46.95 1.89 0.00	44.40 1.79 0.00	42.81 1.73 0.00	44.34 1.71 0.00	44.37 1.75 0.00	46.35 1.87 0.00	53.64 1.91 0.00	56.61 2.18 0.00	57.11 2.51 0.00	58.79 2.58 -1.34	56.73 2.18 0.00	56.44 2.12 0.00	55.71 2.09 0.00	55.97 2.10 0.00	55.24 2.07 0.00	56.78 2.29 0.00	57.12 2.41 0.00	66.14 2.48 -8.45	61.00 2.53 -3.43	56.07 2.31 0.00	53.50 2.16 0.00	46.77 1.93 0.00	44.28 2.03 0.00	40.79 1.87 0.00
MG INDUSTRY___DRP 24185	46.68 1.62 0.00	44.15 1.53 0.00	42.56 1.48 0.00	44.13 1.49 0.00	44.15 1.53 0.00	46.08 1.60 0.00	56.18 4.45 0.00	58.90 4.46 0.00	59.51 4.91 0.00	60.32 4.17 -1.27	58.31 3.76 0.00	58.01 3.69 0.00	57.27 3.65 0.00	57.64 3.77 0.00	57.04 3.88 0.00	58.96 4.47 0.00	59.41 4.70 0.00	65.21 1.99 -8.02	60.33 2.04 -3.26	55.64 1.88 0.00	53.09 1.75 0.00	46.45 1.61 0.00	43.94 1.69 0.00	40.48 1.56 0.00

MID___OSWEGATCHIE_HYD 23849	44.07 -0.99 0.00	41.68 -0.94 0.00	40.26 -0.82 0.00	41.91 -0.72 0.00	42.23 -0.38 0.00	44.48 0.00 0.00	52.40 0.67 0.00	55.80 1.36 0.00	55.47 0.87 0.00	55.62 0.71 -0.04	55.15 0.60 0.00	55.08 0.76 0.00	54.21 0.59 0.00	54.62 0.75 0.00	53.91 0.74 0.00	55.31 0.82 0.00	55.48 0.77 0.00	56.27 0.83 -0.23	55.63 0.50 -0.09	54.62 0.86 0.00	52.27 0.92 0.00	45.02 0.18 0.00	41.79 -0.46 0.00	38.26 -0.66 0.00
MID___RAQUETTE_HYD 23851	44.52 -0.54 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.49 1.76 0.00	56.83 2.40 0.00	56.40 1.80 0.00	56.44 1.54 -0.03	56.13 1.58 0.00	56.17 1.85 0.00	55.23 1.61 0.00	55.70 1.83 0.00	54.92 1.75 0.00	56.29 1.80 0.00	56.30 1.59 0.00	56.89 1.49 -0.19	56.17 1.05 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.09 -0.17 0.00	38.50 -0.43 0.00
MILLIKEN___1 23584	45.11 0.05 0.00	42.62 0.00 0.00	41.12 0.04 0.00	42.72 0.09 0.00	42.70 0.09 0.00	44.79 0.31 0.00	52.25 0.52 0.00	54.93 0.49 0.00	55.42 0.82 0.00	55.57 0.49 -0.20	54.76 0.22 0.00	54.43 0.11 0.00	53.73 0.11 0.00	53.97 0.11 0.00	53.27 0.11 0.00	54.55 0.05 0.00	54.98 0.27 0.00	57.38 0.94 -1.23	56.26 0.72 -0.50	54.30 0.54 0.00	51.86 0.51 0.00	45.11 0.27 0.00	42.34 0.08 0.00	39.08 0.16 0.00
MILLIKEN___2 23585	45.11 0.05 0.00	42.62 0.00 0.00	41.12 0.04 0.00	42.72 0.09 0.00	42.70 0.09 0.00	44.79 0.31 0.00	52.25 0.52 0.00	54.93 0.49 0.00	55.42 0.82 0.00	55.57 0.49 -0.20	54.76 0.22 0.00	54.43 0.11 0.00	53.73 0.11 0.00	53.97 0.11 0.00	53.27 0.11 0.00	54.55 0.05 0.00	54.98 0.27 0.00	57.38 0.94 -1.23	56.26 0.72 -0.50	54.30 0.54 0.00	51.86 0.51 0.00	45.11 0.27 0.00	42.34 0.08 0.00	39.08 0.16 0.00
MILLIKEN___DIESEL 23629	45.11 0.05 0.00	42.62 0.00 0.00	41.12 0.04 0.00	42.72 0.09 0.00	42.70 0.09 0.00	44.79 0.31 0.00	52.25 0.52 0.00	54.93 0.49 0.00	55.42 0.82 0.00	55.57 0.49 -0.20	54.76 0.22 0.00	54.43 0.11 0.00	53.73 0.11 0.00	53.97 0.11 0.00	53.27 0.11 0.00	54.55 0.05 0.00	54.98 0.27 0.00	57.38 0.94 -1.23	56.26 0.72 -0.50	54.30 0.54 0.00	51.86 0.51 0.00	45.11 0.27 0.00	42.34 0.08 0.00	39.08 0.16 0.00
MILLSEAT___LFGE 323607	41.41 -3.65 0.00	39.42 -3.20 0.00	38.12 -2.96 0.00	39.70 -2.94 0.00	39.80 -2.81 0.00	41.63 -2.85 0.00	48.26 -3.47 0.00	49.86 -4.57 0.00	49.63 -4.97 0.00	49.85 -4.99 0.03	49.30 -5.24 0.00	49.10 -5.21 0.00	48.36 -5.25 0.00	48.74 -5.12 0.01	47.84 -5.32 0.01	48.77 -5.72 0.00	47.41 -5.80 1.50	49.05 -5.08 1.08	44.84 -5.18 5.02	44.14 -5.11 4.51	39.73 -4.88 6.73	40.57 -4.26 0.01	38.45 -3.80 0.00	36.20 -2.73 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.40 2.34 0.00	44.62 2.00 0.00	43.05 1.97 0.00	44.56 1.92 0.00	44.54 1.92 0.00	46.48 2.00 0.00	54.06 2.33 0.00	57.43 2.99 0.00	58.04 3.44 0.00	59.73 3.84 -1.02	57.76 3.22 0.00	57.42 3.10 0.00	56.57 2.95 0.00	56.88 3.02 0.00	56.14 2.98 0.00	57.76 3.27 0.00	58.21 3.50 0.00	65.68 4.09 -6.39	61.49 3.85 -2.60	57.26 3.49 0.00	54.68 3.34 0.00	47.75 2.91 0.00	44.96 2.70 0.00	41.26 2.34 0.00
MILLWOOD_13_KV_LOAD 356217	47.49 2.43 0.00	44.75 2.13 0.00	43.14 2.05 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.21 2.48 0.00	57.54 3.10 0.00	58.20 3.60 0.00	59.89 4.01 -1.02	57.93 3.38 0.00	57.52 3.20 0.00	56.73 3.11 0.00	56.99 3.12 0.00	56.30 3.14 0.00	57.92 3.43 0.00	58.37 3.67 0.00	65.79 4.20 -6.39	61.66 4.02 -2.60	57.42 3.66 0.00	54.84 3.49 0.00	47.84 3.00 0.00	45.04 2.79 0.00	41.34 2.41 0.00
MODEL_CITY_ENERGY 24167	40.15 -4.91 0.00	38.23 -4.39 0.00	36.97 -4.11 0.00	38.50 -4.14 0.00	38.57 -4.05 0.00	40.30 -4.18 0.00	46.56 -5.17 0.00	47.52 -6.91 0.00	47.28 -7.31 0.01	47.51 -7.30 0.07	47.01 -7.53 0.01	46.93 -7.39 0.01	46.27 -7.34 0.01	46.64 -7.22 0.01	45.71 -7.44 0.01	46.58 -7.90 0.01	44.90 -7.93 1.88	46.44 -7.23 1.53	41.35 -7.37 6.31	40.84 -7.31 5.61	36.15 -6.83 8.37	38.82 -6.01 0.01	36.89 -5.37 0.00	34.92 -4.01 0.00
MODERN_LFGE___ 323580	40.15 -4.91 0.00	38.23 -4.39 0.00	36.97 -4.11 0.00	38.50 -4.14 0.00	38.57 -4.05 0.00	40.30 -4.18 0.00	46.56 -5.17 0.00	47.52 -6.91 0.00	47.28 -7.31 0.01	47.51 -7.30 0.07	47.01 -7.53 0.01	46.93 -7.39 0.01	46.27 -7.34 0.01	46.64 -7.22 0.01	45.71 -7.44 0.01	46.58 -7.90 0.01	44.90 -7.93 1.88	46.44 -7.23 1.53	41.35 -7.37 6.31	40.84 -7.31 5.61	36.15 -6.83 8.37	38.82 -6.01 0.01	36.89 -5.37 0.00	34.92 -4.01 0.00
MOHAWK_PAPER___DRP 24187	47.04 1.98 0.00	44.49 1.88 0.00	42.89 1.81 0.00	44.43 1.79 0.00	44.45 1.83 0.00	46.44 1.96 0.00	53.80 2.07 0.00	56.78 2.34 0.00	57.28 2.68 0.00	59.02 2.80 -1.34	56.89 2.35 0.00	56.60 2.28 0.00	55.87 2.25 0.00	56.13 2.26 0.00	55.40 2.23 0.00	56.94 2.45 0.00	57.28 2.57 0.00	66.37 2.71 -8.46	61.23 2.75 -3.44	56.23 2.47 0.00	53.65 2.31 0.00	46.90 2.06 0.00	44.37 2.11 0.00	40.83 1.91 0.00
MOHICAN___35_KV_115KV_LD 80490	46.91 1.85 0.00	44.45 1.83 0.00	42.81 1.73 0.00	44.17 1.53 0.00	44.28 1.66 0.00	46.66 2.18 0.00	54.58 2.85 0.00	57.87 3.43 0.00	58.69 4.09 0.00	60.47 4.23 -1.37	58.15 3.60 0.00	57.85 3.53 0.00	57.00 3.38 0.00	56.88 3.02 0.00	56.14 2.98 0.00	57.71 3.21 0.00	58.05 3.34 0.00	67.29 3.48 -8.61	62.23 3.69 -3.50	56.93 3.17 0.00	54.27 2.93 0.00	47.22 2.38 0.00	44.49 2.24 0.00	40.83 1.91 0.00
MONGAUP___HYD 23641	47.27 2.21 0.00	44.62 2.00 0.00	43.01 1.93 0.00	44.60 1.96 0.00	44.54 1.92 0.00	46.48 2.00 0.00	54.37 2.64 0.00	57.21 2.77 0.00	57.66 3.06 0.00	59.03 3.24 -0.93	57.43 2.89 0.00	57.14 2.82 0.00	56.35 2.73 0.00	56.61 2.75 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.32 3.61 0.00	65.28 4.25 -5.82	61.54 4.13 -2.36	57.47 3.71 0.00	54.78 3.44 0.00	47.44 2.60 0.00	44.66 2.41 0.00	40.99 2.06 0.00
MONTAUK___DIESEL 23721	53.62 5.77 -2.79	48.89 5.11 -1.16	45.76 4.68 0.00	47.24 4.60 0.00	47.22 4.60 0.00	49.06 4.58 0.00	59.94 5.74 -2.47	63.31 6.42 -2.45	63.66 6.82 -2.23	65.41 7.19 -3.35	65.05 5.56 -4.94	67.01 5.00 -7.69	64.08 5.20 -5.26	65.06 5.55 -5.64	64.15 5.69 -5.30	66.24 6.05 -5.70	75.98 6.46 -14.81	78.86 7.29 -16.36	75.90 6.83 -14.03	64.82 6.24 -4.82	59.29 5.90 -2.04	54.86 5.07 -4.96	50.53 4.27 -4.00	43.07 4.01 -0.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.19 -3.88 0.00	39.12 -3.49 0.00	37.96 -3.12 0.00	39.70 -2.94 0.00	39.85 -2.77 0.00	41.77 -2.71 0.00	48.47 -3.26 0.00	49.75 -4.68 0.00	49.35 -5.24 0.01	49.51 -5.32 0.04	49.03 -5.51 0.01	48.39 -5.92 0.01	47.72 -5.90 0.01	47.82 -6.03 0.01	46.83 -6.33 0.01	47.29 -7.19 0.01	45.83 -7.00 1.88	48.90 -4.91 1.40	41.76 -6.77 6.51	41.22 -6.72 5.82	36.39 -6.26 8.69	38.78 -6.05 0.01	36.93 -5.32 0.00	35.03 -3.89 0.00

MORRIS_RIDGE___SOLAR 323848	41.90 -3.16 0.00	39.89 -2.73 0.00	38.66 -2.42 0.00	40.25 -2.39 0.00	40.40 -2.22 0.00	42.30 -2.18 0.00	49.20 -2.53 0.00	50.79 -3.65 0.00	50.56 -4.04 0.00	49.51 -4.28 1.09	50.01 -4.53 0.00	49.92 -4.40 0.00	49.27 -4.34 0.00	49.47 -4.36 0.03	48.66 -4.47 0.03	49.58 -4.90 0.00	38.74 -4.71 11.27	37.48 -4.03 13.70	10.47 -4.35 40.23	15.10 -4.57 34.09	-3.85 -4.31 50.88	40.66 -4.12 0.06	38.45 -3.80 0.00	36.12 -2.80 0.00
MORTIMER_115KV_TB3 55949	42.40 -2.66 0.00	40.19 -2.43 0.00	38.78 -2.30 0.00	40.29 -2.35 0.00	40.36 -2.26 0.00	42.21 -2.27 0.00	48.99 -2.74 0.00	51.06 -3.38 0.00	51.05 -3.55 0.00	51.33 -3.68 -0.13	50.73 -3.82 0.00	50.46 -3.86 0.00	49.87 -3.75 0.00	49.93 -3.93 0.00	49.34 -3.83 0.00	50.02 -4.47 0.00	50.11 -4.60 0.00	51.86 -4.14 -0.80	51.19 -4.18 -0.33	49.58 -4.19 -0.01	47.30 -4.06 -0.02	41.75 -3.09 0.00	39.42 -2.83 0.00	36.59 -2.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.63 2.57 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.71 2.09 0.00	46.66 2.18 0.00	54.27 2.53 0.00	57.70 3.27 0.00	58.37 3.77 0.00	60.12 4.23 -1.02	58.09 3.55 0.00	57.74 3.42 0.00	56.94 3.32 0.00	57.21 3.34 0.00	56.51 3.35 0.00	58.14 3.65 0.00	58.59 3.88 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.53 3.76 0.00	54.99 3.65 0.00	48.16 3.32 0.00	45.30 3.04 0.00	41.57 2.65 0.00
MUNSVILLE_WIND_PWR 323609	47.36 2.30 0.00	44.66 2.05 0.00	43.18 2.09 0.00	44.81 2.17 0.00	44.75 2.13 0.00	47.15 2.67 0.00	55.46 3.73 0.00	63.31 8.88 0.00	62.63 8.03 0.00	63.41 8.12 -0.42	61.91 7.36 0.00	61.82 7.50 0.00	60.32 6.70 0.00	60.76 6.90 0.00	60.07 6.91 0.00	61.52 7.03 0.00	62.32 7.60 0.00	61.63 4.31 -2.12	59.64 3.74 -0.86	57.52 3.76 0.00	54.99 3.65 0.00	47.44 2.60 0.00	44.20 1.94 0.00	40.72 1.79 0.00
N SALMON___HYD 24042	46.19 1.13 0.00	43.85 1.24 0.00	42.27 1.19 0.00	43.96 1.32 0.00	43.90 1.28 0.00	45.90 1.42 0.00	53.95 2.22 0.00	56.94 2.51 0.00	56.79 2.19 0.00	56.52 1.64 0.00	56.51 1.96 0.00	56.55 2.23 0.00	55.92 2.30 0.00	56.29 2.43 0.00	55.29 2.13 0.00	56.61 2.12 0.00	56.24 1.53 0.00	56.04 0.83 0.00	55.71 0.66 0.00	54.62 0.86 0.00	52.22 0.87 0.00	44.97 0.13 0.00	41.87 -0.38 0.00	38.34 -0.58 0.00
N.AKRON__115KV_KNAPP 355671	41.50 -3.56 0.00	39.38 -3.24 0.00	38.04 -3.04 0.00	39.61 -3.03 0.00	39.72 -2.90 0.00	41.54 -2.94 0.00	48.11 -3.62 0.00	49.75 -4.68 0.00	49.52 -5.08 0.00	49.68 -5.16 0.03	49.09 -5.45 0.00	48.77 -5.54 0.00	48.25 -5.36 0.00	48.31 -5.55 0.01	47.68 -5.48 0.01	48.27 -6.21 0.00	47.19 -5.96 1.56	48.70 -5.35 1.15	44.53 -5.28 5.23	43.86 -5.21 4.69	39.37 -4.98 6.99	40.44 -4.39 0.01	38.37 -3.89 0.00	35.97 -2.96 0.00
N.BELMOR_69_KV_BK1 55787	64.53 3.69 -15.77	52.54 3.32 -6.60	44.22 3.12 -0.01	45.72 3.07 -0.01	45.70 3.07 -0.01	47.65 3.16 -0.01	69.55 3.88 -13.94	72.88 4.63 -13.81	72.33 5.13 -12.60	74.51 5.49 -14.15	73.51 4.64 -14.32	78.35 4.45 -19.57	71.37 4.34 -13.41	71.93 4.36 -13.70	71.05 4.36 -13.53	73.74 4.74 -14.51	82.49 4.98 -22.80	84.21 5.58 -23.43	80.19 5.34 -19.81	71.01 4.95 -12.30	67.72 4.83 -11.55	62.58 4.21 -13.52	68.77 3.93 -22.58	43.28 3.54 -0.81
N.E_GEN_SANDY PD 24062	59.00 2.34 -11.60	53.99 2.13 -9.25	53.31 2.05 -10.18	51.91 2.05 -7.23	54.25 2.09 -9.54	62.94 2.18 -16.28	69.60 2.48 -15.39	79.20 2.72 -22.04	77.58 3.00 -19.98	74.00 3.24 -15.89	71.90 2.89 -14.47	67.96 2.82 -10.82	67.14 2.73 -10.78	66.30 2.69 -9.74	66.06 2.76 -10.13	68.99 2.89 -11.61	72.53 3.17 -14.65	79.91 3.64 -21.06	72.30 3.47 -13.79	67.00 3.17 -10.07	64.28 2.98 -9.96	61.77 2.60 -14.33	57.00 2.54 -12.21	49.90 2.22 -8.76
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.13 2.07 0.00	44.40 1.79 0.00	42.85 1.77 0.00	44.34 1.71 0.00	44.32 1.70 0.00	46.26 1.78 0.00	53.80 2.07 0.00	57.16 2.72 0.00	57.77 3.17 0.00	59.37 3.51 -0.99	57.44 2.89 0.00	57.14 2.82 0.00	56.30 2.68 0.00	56.61 2.75 0.00	55.87 2.71 0.00	57.49 3.00 0.00	57.99 3.28 0.00	65.28 3.86 -6.21	61.20 3.63 -2.52	56.99 3.23 0.00	54.42 3.08 0.00	47.48 2.65 0.00	44.75 2.49 0.00	41.07 2.14 0.00
N.QUEENS_27_KV_LOAD 356247	47.67 2.61 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.64 2.00 0.00	44.54 1.92 0.00	46.35 1.87 0.00	53.75 2.02 0.00	57.21 2.78 0.00	57.93 3.33 0.00	59.74 3.84 -1.02	57.65 3.11 0.00	57.31 2.99 0.00	56.52 2.90 0.00	56.78 2.91 0.00	56.09 2.92 0.00	57.76 3.27 0.00	58.27 3.56 0.00	65.72 4.09 -6.43	61.45 3.80 -2.61	57.09 3.33 0.00	54.63 3.29 0.00	48.11 3.27 0.00	45.42 3.17 0.00	41.88 2.96 0.00
N.TROY___115KV_TB1 355778	47.13 2.07 0.00	44.53 1.92 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.49 1.88 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.21 2.78 0.00	57.71 3.11 0.00	59.46 3.24 -1.35	57.33 2.78 0.00	57.04 2.72 0.00	56.25 2.63 0.00	56.45 2.59 0.00	55.71 2.55 0.00	57.27 2.78 0.00	57.61 2.90 0.00	66.83 3.15 -8.48	61.62 3.14 -3.44	56.61 2.85 0.00	54.01 2.67 0.00	47.17 2.33 0.00	44.49 2.24 0.00	40.95 2.02 0.00
NARROWS_GT1_1 24228	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT1_2 24229	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT1_3 24230	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT1_4 24231	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00

NARROWS_GT1_5 24232	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT1_6 24233	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT1_7 24234	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT1_8 24235	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_1 24236	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_2 24237	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_3 24238	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_4 24239	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_5 24240	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_6 24241	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_7 24242	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NARROWS_GT2_8 24243	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.74 3.98 0.00	55.30 3.95 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.85 2.92 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.58 2.52 0.00	45.17 2.56 0.00	43.51 2.42 0.00	45.07 2.43 0.00	45.09 2.47 0.00	47.10 2.62 0.00	55.35 3.62 0.00	58.14 3.70 0.00	58.59 3.99 0.00	59.36 3.24 -1.25	57.76 3.22 0.00	57.47 3.15 0.00	56.68 3.06 0.00	56.94 3.07 0.00	56.30 3.14 0.00	58.14 3.65 0.00	58.65 3.94 0.00	66.19 3.15 -7.83	61.47 3.25 -3.18	57.09 3.33 0.00	54.37 3.03 0.00	47.22 2.38 0.00	44.79 2.54 0.00	41.26 2.34 0.00
NCHELSEA_115KV_TR2 355582	47.81 2.75 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.03 2.39 0.00	44.96 2.34 0.00	46.93 2.45 0.00	54.73 3.00 0.00	58.03 3.59 0.00	58.64 4.04 0.00	60.28 4.39 -1.02	58.31 3.76 0.00	57.96 3.64 0.00	57.11 3.49 0.00	57.42 3.56 0.00	56.67 3.51 0.00	58.36 3.87 0.00	58.81 4.10 0.00	66.31 4.69 -6.41	62.21 4.57 -2.60	57.85 4.09 0.00	55.25 3.90 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.49 2.57 0.00
NEG CAPITAL___MECHNVIL 23645	47.36 2.30 0.00	44.79 2.17 0.00	43.18 2.09 0.00	44.64 2.00 0.00	44.71 2.09 0.00	47.01 2.53 0.00	54.83 3.10 0.00	57.76 3.32 0.00	58.36 3.76 0.00	60.13 3.90 -1.36	58.04 3.49 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.10 3.23 0.00	56.41 3.24 0.00	57.93 3.44 0.00	58.32 3.61 0.00	67.68 3.92 -8.55	62.42 3.91 -3.47	57.25 3.49 0.00	54.63 3.29 0.00	47.62 2.78 0.00	44.88 2.62 0.00	41.22 2.30 0.00

NEG CENTRAL_HIGH_ACRES 23767	41.99 -3.07 0.00	39.85 -2.77 0.00	38.45 -2.63 0.00	39.95 -2.68 0.00	39.98 -2.64 0.00	41.85 -2.62 0.00	48.68 -3.05 0.00	50.90 -3.54 0.00	50.94 -3.66 0.00	51.26 -3.73 -0.12	50.67 -3.87 0.00	50.46 -3.86 0.00	49.76 -3.86 0.00	50.10 -3.77 0.00	49.28 -3.88 0.00	50.30 -4.19 0.00	50.22 -4.49 0.00	51.94 -4.03 -0.76	51.22 -4.13 -0.31	49.57 -4.19 0.00	47.29 -4.06 0.00	41.61 -3.23 0.00	39.21 -3.04 0.00	36.40 -2.53 0.00
NEG CENTRAL___DRP 24199	43.93 -1.13 0.00	41.55 -1.07 0.00	40.14 -0.94 0.00	41.70 -0.94 0.00	41.72 -0.89 0.00	43.77 -0.71 0.00	50.90 -0.83 0.00	53.57 -0.87 0.00	54.16 -0.44 0.00	53.95 -1.15 -0.23	53.13 -1.42 0.00	52.85 -1.47 0.00	52.17 -1.45 0.00	52.36 -1.51 0.00	51.68 -1.49 0.00	52.75 -1.74 0.00	53.92 -1.59 -0.79	56.03 -1.05 -1.87	56.97 -1.27 -3.20	54.76 -1.40 -2.40	53.59 -1.33 -3.58	43.63 -1.21 0.00	41.03 -1.23 0.00	37.91 -1.01 0.00
NEG CENTRAL___INDECK 23768	43.57 -1.49 0.00	41.42 -1.19 0.00	40.06 -1.03 0.00	41.66 -0.98 0.00	41.77 -0.85 0.00	43.86 -0.62 0.00	51.16 -0.57 0.00	53.29 -1.15 0.00	52.96 -1.64 0.00	54.01 -1.97 -1.11	52.25 -2.29 0.00	52.04 -2.28 0.00	51.31 -2.30 0.00	51.63 -2.26 -0.02	50.90 -2.28 -0.02	50.13 -4.36 0.00	58.59 -4.21 -8.10	63.75 -3.42 -11.97	80.91 -3.80 -29.66	74.25 -3.92 -24.41	84.03 -3.75 -36.43	43.04 -1.84 -0.04	40.40 -1.86 0.00	37.64 -1.28 0.00
NEG CENTRAL___SENECA 23627	43.80 -1.26 0.00	41.46 -1.15 0.00	40.05 -1.03 0.00	41.66 -0.98 0.00	41.72 -0.89 0.00	43.81 -0.67 0.00	50.90 -0.83 0.00	53.40 -1.03 0.00	53.67 -0.93 0.00	53.86 -1.32 -0.31	52.91 -1.64 0.00	52.64 -1.68 0.00	52.01 -1.61 0.00	52.15 -1.72 0.00	51.47 -1.70 0.00	52.47 -2.02 0.00	54.20 -1.81 -1.30	56.67 -1.21 -2.68	58.73 -1.38 -5.07	56.06 -1.61 -3.92	55.65 -1.54 -5.84	43.50 -1.35 -0.01	40.86 -1.39 0.00	37.87 -1.05 0.00
NEG CENTRAL___STATE_STREET 24147	44.34 -0.72 0.00	41.89 -0.72 0.00	40.42 -0.66 0.00	41.96 -0.68 0.00	41.98 -0.64 0.00	44.03 -0.44 0.00	51.32 -0.41 0.00	54.06 -0.38 0.00	54.98 0.38 0.00	54.46 -0.55 -0.13	53.78 -0.76 0.00	53.50 -0.81 0.00	52.82 -0.80 0.00	53.01 -0.86 0.00	52.31 -0.85 0.00	53.51 -0.98 0.00	53.83 -0.88 0.00	55.52 -0.44 -0.76	54.80 -0.55 -0.31	53.06 -0.70 0.00	50.68 -0.67 0.00	44.17 -0.67 0.00	41.49 -0.76 0.00	38.26 -0.66 0.00
NEG MILLWOOD___DRP 24198	48.08 3.02 0.00	45.30 2.68 0.00	43.67 2.59 0.00	45.24 2.60 0.00	45.17 2.56 0.00	47.19 2.71 0.00	55.04 3.31 0.00	58.25 3.81 0.00	58.91 4.31 0.00	60.68 4.77 -1.03	58.58 4.04 0.00	58.18 3.86 0.00	57.32 3.70 0.00	57.64 3.77 0.00	56.88 3.72 0.00	58.52 4.03 0.00	58.98 4.27 0.00	66.49 4.80 -6.48	62.41 4.73 -2.63	58.17 4.41 0.00	55.55 4.21 0.00	48.25 3.41 0.00	45.42 3.17 0.00	41.69 2.76 0.00
NEG NORTH_FLCN_SEA 23793	46.05 0.99 0.00	43.77 1.15 0.00	42.19 1.11 0.00	43.83 1.19 0.00	43.64 1.02 0.00	45.46 0.98 0.00	53.18 1.45 0.00	55.63 1.20 0.00	55.47 0.87 0.00	55.20 0.33 0.00	55.47 0.93 0.00	55.73 1.41 0.00	55.01 1.39 0.00	55.38 1.51 0.00	54.44 1.28 0.00	55.74 1.25 0.00	55.26 0.55 0.00	55.04 -0.17 0.00	54.71 -0.33 0.00	53.49 -0.27 0.00	51.04 -0.31 0.00	44.12 -0.72 0.00	41.20 -1.06 0.00	37.68 -1.25 0.00
NEG NORTH_KES_CHATEGAY 23792	45.83 0.77 0.00	43.55 0.94 0.00	41.94 0.86 0.00	43.58 0.94 0.00	43.43 0.81 0.00	45.23 0.76 0.00	52.92 1.19 0.00	55.25 0.82 0.00	55.09 0.49 0.00	54.82 -0.05 0.00	55.15 0.60 0.00	55.41 1.09 0.00	54.69 1.07 0.00	55.11 1.24 0.00	54.17 1.01 0.00	55.42 0.93 0.00	55.04 0.33 0.00	54.71 -0.50 0.00	54.44 -0.61 0.00	53.28 -0.48 0.00	50.83 -0.51 0.00	43.99 -0.85 0.00	41.11 -1.14 0.00	37.64 -1.28 0.00
NEG NORTH___ALICE_FALLS 23915	46.37 1.31 0.00	44.06 1.45 0.00	42.48 1.40 0.00	44.13 1.49 0.00	43.90 1.28 0.00	45.81 1.33 0.00	53.64 1.91 0.00	56.07 1.63 0.00	55.96 1.36 0.00	55.64 0.77 0.00	55.85 1.31 0.00	56.17 1.85 0.00	55.39 1.77 0.00	55.81 1.94 0.00	54.86 1.70 0.00	56.18 1.69 0.00	55.69 0.98 0.00	55.48 0.28 0.00	55.15 0.11 0.00	53.92 0.16 0.00	51.45 0.10 0.00	44.44 -0.40 0.00	41.45 -0.80 0.00	37.95 -0.97 0.00
NEG NORTH___LWR_SARANAC 23913	46.37 1.31 0.00	44.06 1.45 0.00	42.48 1.40 0.00	44.13 1.49 0.00	43.90 1.28 0.00	45.81 1.33 0.00	53.64 1.91 0.00	56.07 1.63 0.00	55.96 1.36 0.00	55.64 0.77 0.00	55.85 1.31 0.00	56.17 1.85 0.00	55.39 1.77 0.00	55.81 1.94 0.00	54.86 1.70 0.00	56.18 1.69 0.00	55.69 0.98 0.00	55.48 0.28 0.00	55.15 0.11 0.00	53.92 0.16 0.00	51.45 0.10 0.00	44.44 -0.40 0.00	41.45 -0.80 0.00	37.95 -0.97 0.00
NEG NORTH___PLATTSBURG 23628	46.37 1.31 0.00	44.06 1.45 0.00	42.48 1.40 0.00	44.13 1.49 0.00	43.90 1.28 0.00	45.81 1.33 0.00	53.65 1.92 0.00	56.45 2.02 0.00	56.29 1.69 0.00	55.97 1.10 0.00	56.02 1.47 0.00	56.17 1.85 0.00	55.50 1.88 0.00	55.86 1.99 0.00	54.86 1.70 0.00	56.18 1.69 0.00	55.70 0.99 0.00	55.43 0.22 0.00	55.15 0.11 0.00	53.92 0.16 0.00	51.45 0.10 0.00	44.44 -0.40 0.00	41.45 -0.80 0.00	37.95 -0.97 0.00
NEG WEST_LEA_LOCKPORT 23791	40.64 -4.42 0.00	38.57 -4.05 0.00	37.30 -3.78 0.00	38.84 -3.79 0.00	38.91 -3.71 0.00	40.65 -3.83 0.00	46.97 -4.76 0.00	48.28 -6.15 0.00	48.04 -6.55 0.01	48.17 -6.64 0.07	47.72 -6.82 0.01	47.42 -6.90 0.01	46.91 -6.70 0.01	46.96 -6.89 0.01	46.35 -6.80 0.01	46.86 -7.63 0.01	45.36 -7.44 1.91	46.83 -6.79 1.58	41.86 -6.72 6.47	41.42 -6.61 5.73	36.58 -6.21 8.55	39.40 -5.43 0.01	37.48 -4.77 0.00	35.27 -3.66 0.00
NEG WEST___LANCASTR 23811	42.45 -2.61 0.00	40.27 -2.34 0.00	38.99 -2.10 0.00	40.59 -2.05 0.00	40.66 -1.96 0.00	42.57 -1.91 0.00	49.25 -2.48 0.00	50.08 -4.35 0.00	50.01 -4.59 0.01	50.43 -4.39 0.06	49.74 -4.80 0.01	49.37 -4.94 0.01	48.73 -4.88 0.01	49.06 -4.79 0.01	48.37 -4.78 0.01	49.47 -5.01 0.01	48.78 -3.94 1.99	50.52 -3.15 1.54	44.77 -3.41 6.86	44.21 -3.44 6.11	38.99 -3.23 9.12	40.34 -4.48 0.01	38.33 -3.93 0.00	36.43 -2.49 0.00
NEG_PENN_ALLEGHNY 23528	44.70 -0.36 0.00	42.27 -0.34 0.00	40.80 -0.29 0.00	42.38 -0.25 0.00	42.36 -0.25 0.00	44.35 -0.13 0.00	51.68 -0.05 0.00	54.33 -0.11 0.00	54.54 -0.05 0.00	55.33 0.05 -0.40	54.33 -0.22 0.00	54.16 -0.16 0.00	53.41 -0.21 0.00	53.71 -0.16 0.00	52.95 -0.21 0.00	54.22 -0.27 0.00	55.07 0.00 -0.36	58.41 0.50 -2.71	57.50 0.28 -2.18	54.88 0.05 -1.06	52.98 0.05 -1.59	44.62 -0.22 0.00	41.96 -0.29 0.00	38.85 -0.08 0.00
NEG___GEN_MONROE 24207	42.31 -2.75 0.00	40.10 -2.51 0.00	38.74 -2.34 0.00	40.25 -2.39 0.00	40.40 -2.22 0.00	42.17 -2.31 0.00	48.83 -2.90 0.00	50.84 -3.59 0.00	50.78 -3.82 0.00	51.01 -3.95 -0.09	50.24 -4.31 0.00	49.97 -4.35 0.00	49.44 -4.18 0.00	49.40 -4.47 0.00	48.91 -4.25 0.00	49.53 -4.96 0.00	49.33 -5.03 0.34	51.13 -4.42 -0.35	49.74 -4.40 0.90	48.28 -4.46 1.02	45.45 -4.36 1.53	41.34 -3.50 0.00	39.13 -3.13 0.00	36.40 -2.53 0.00

NEPA___ENERGY 23901	41.50 -3.56 0.00	39.38 -3.24 0.00	38.12 -2.96 0.00	39.74 -2.90 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.26 -3.47 0.00	49.48 -4.95 0.00	49.19 -5.41 0.01	49.31 -5.43 0.13	48.87 -5.67 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.04 -5.82 0.01	47.30 -5.85 0.01	47.89 -6.59 0.01	45.78 -6.35 2.58	47.42 -5.41 2.37	40.00 -5.94 9.10	39.93 -5.86 7.97	33.90 -5.55 11.90	39.62 -5.20 0.01	37.69 -4.56 0.00	35.58 -3.35 0.00
NEVERSink___HYD 23608	47.85 2.79 0.00	45.21 2.60 0.00	43.59 2.51 0.00	45.15 2.51 0.00	45.09 2.47 0.00	47.06 2.58 0.00	55.14 3.41 0.00	58.08 3.65 0.00	58.58 3.98 0.00	59.97 4.17 -0.93	58.36 3.82 0.00	58.12 3.80 0.00	57.21 3.59 0.00	57.53 3.66 0.00	56.83 3.67 0.00	58.52 4.03 0.00	59.20 4.49 0.00	66.23 5.19 -5.83	62.42 5.01 -2.37	58.33 4.57 0.00	55.60 4.26 0.00	47.98 3.14 0.00	45.21 2.96 0.00	41.45 2.53 0.00
NEWKRMKL_115KV_TB1 55635	46.82 1.76 0.00	44.32 1.70 0.00	42.73 1.64 0.00	44.26 1.62 0.00	44.28 1.66 0.00	46.21 1.73 0.00	53.44 1.71 0.00	56.34 1.91 0.00	56.84 2.24 0.00	58.57 2.36 -1.34	56.45 1.91 0.00	56.17 1.85 0.00	55.50 1.88 0.00	55.70 1.83 0.00	55.02 1.86 0.00	56.51 2.02 0.00	56.84 2.13 0.00	65.86 2.21 -8.45	60.73 2.26 -3.43	55.86 2.10 0.00	53.24 1.90 0.00	46.59 1.75 0.00	44.20 1.94 0.00	40.68 1.75 0.00
NEWTON___FALLS_HYD 23847	44.07 -0.99 0.00	41.68 -0.94 0.00	40.26 -0.82 0.00	41.91 -0.72 0.00	42.23 -0.38 0.00	44.48 0.00 0.00	52.40 0.67 0.00	55.80 1.36 0.00	55.47 0.87 0.00	55.62 0.71 -0.04	55.15 0.60 0.00	55.08 0.76 0.00	54.21 0.59 0.00	54.62 0.75 0.00	53.91 0.74 0.00	55.31 0.82 0.00	55.48 0.77 0.00	56.27 0.83 -0.23	55.63 0.50 -0.09	54.62 0.86 0.00	52.27 0.92 0.00	45.02 0.18 0.00	41.79 -0.46 0.00	38.26 -0.66 0.00
NGRID_A1_DSASP 323792	40.10 -4.96 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.40 -5.33 0.00	47.20 -7.24 0.00	46.95 -7.64 0.01	47.23 -7.57 0.07	46.74 -7.80 0.01	46.66 -7.66 0.01	46.00 -7.61 0.01	46.37 -7.49 0.01	45.44 -7.71 0.01	46.31 -8.17 0.01	44.46 -8.31 1.94	45.54 -8.06 1.60	40.91 -7.60 6.53	40.38 -7.58 5.80	35.61 -7.09 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.80 -4.13 0.00
NGRID_A2_DSASP 323793	40.10 -4.96 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.40 -5.33 0.00	47.20 -7.24 0.00	46.95 -7.64 0.01	47.23 -7.57 0.07	46.74 -7.80 0.01	46.66 -7.66 0.01	46.00 -7.61 0.01	46.37 -7.49 0.01	45.44 -7.71 0.01	46.31 -8.17 0.01	44.46 -8.31 1.94	45.54 -8.06 1.60	40.91 -7.60 6.53	40.38 -7.58 5.80	35.61 -7.09 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.80 -4.13 0.00
NGRID_A4_DSASP 323807	40.10 -4.96 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.40 -5.33 0.00	47.20 -7.24 0.00	46.95 -7.64 0.01	47.23 -7.57 0.07	46.74 -7.80 0.01	46.66 -7.66 0.01	46.00 -7.61 0.01	46.37 -7.49 0.01	45.44 -7.71 0.01	46.31 -8.17 0.01	44.46 -8.31 1.94	45.54 -8.06 1.60	40.91 -7.60 6.53	40.38 -7.58 5.80	35.61 -7.09 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.80 -4.13 0.00
NIAGARA_115E_LBMP 323715	39.92 -5.14 0.00	38.01 -4.60 0.00	36.77 -4.31 0.00	38.29 -4.35 0.00	38.36 -4.26 0.00	40.07 -4.40 0.00	46.25 -5.48 0.00	47.03 -7.40 0.00	46.73 -7.86 0.01	47.01 -7.79 0.07	46.52 -8.02 0.01	46.44 -7.88 0.01	45.78 -7.83 0.01	46.15 -7.70 0.01	45.23 -7.92 0.01	46.09 -8.39 0.01	44.40 -8.37 1.94	45.93 -7.67 1.60	40.73 -7.82 6.50	40.20 -7.80 5.77	35.45 -7.29 8.60	38.42 -6.41 0.01	36.55 -5.71 0.00	34.60 -4.32 0.00
NIAGARA_115W_LBMP 323714	40.01 -5.05 0.00	38.10 -4.52 0.00	36.85 -4.23 0.00	38.37 -4.26 0.00	38.44 -4.17 0.00	40.12 -4.36 0.00	46.30 -5.43 0.00	47.14 -7.29 0.00	46.84 -7.75 0.01	47.12 -7.68 0.07	46.63 -7.91 0.01	46.54 -7.77 0.01	45.89 -7.72 0.01	46.26 -7.59 0.01	45.39 -7.76 0.01	46.25 -8.23 0.01	44.40 -8.37 1.94	45.49 -8.11 1.60	40.90 -7.65 6.50	40.36 -7.63 5.77	35.61 -7.14 8.60	38.51 -6.32 0.01	36.68 -5.58 0.00	34.72 -4.20 0.00
NIAGARA_230_LBMP 323716	40.42 -4.64 0.00	38.48 -4.13 0.00	37.22 -3.86 0.00	38.72 -3.92 0.00	38.82 -3.79 0.00	40.52 -3.96 0.00	46.76 -4.97 0.00	47.63 -6.81 0.00	47.38 -7.21 0.01	47.68 -7.13 0.06	47.17 -7.36 0.01	47.09 -7.22 0.01	46.43 -7.18 0.01	46.80 -7.05 0.01	45.87 -7.28 0.01	46.80 -7.68 0.01	44.70 -8.10 1.92	46.17 -7.45 1.58	41.03 -7.54 6.48	40.49 -7.53 5.75	35.68 -7.09 8.58	38.96 -5.87 0.01	37.06 -5.20 0.00	35.07 -3.85 0.00
NIAGARA___115KV_198_GIBSON 55903	40.19 -4.87 0.00	38.10 -4.52 0.00	36.85 -4.23 0.00	38.37 -4.26 0.00	38.44 -4.18 0.00	40.12 -4.36 0.00	46.20 -5.54 0.00	47.14 -7.29 0.00	46.95 -7.64 0.01	47.07 -7.74 0.07	46.63 -7.91 0.01	46.38 -7.93 0.01	45.95 -7.67 0.01	45.94 -7.92 0.01	45.39 -7.76 0.01	45.82 -8.66 0.01	44.51 -8.26 1.94	45.82 -7.78 1.60	40.84 -7.71 6.50	40.41 -7.58 5.77	35.66 -7.09 8.60	38.51 -6.32 0.01	36.68 -5.58 0.00	34.53 -4.40 0.00
NIAGARA___ 23760	40.42 -4.64 0.00	38.48 -4.13 0.00	37.22 -3.86 0.00	38.72 -3.92 0.00	38.82 -3.79 0.00	40.52 -3.96 0.00	46.76 -4.97 0.00	47.63 -6.81 0.00	47.38 -7.21 0.01	47.67 -7.13 0.07	47.17 -7.36 0.01	47.09 -7.22 0.01	46.43 -7.18 0.01	46.80 -7.05 0.01	45.87 -7.28 0.01	46.80 -7.68 0.01	44.69 -8.10 1.92	46.17 -7.45 1.59	41.02 -7.54 6.48	40.49 -7.53 5.75	35.68 -7.09 8.58	38.96 -5.87 0.01	37.06 -5.20 0.00	35.07 -3.85 0.00
NINE_MILE_1 23575	43.12 -1.94 0.00	40.78 -1.83 0.00	39.36 -1.72 0.00	40.85 -1.79 0.00	40.83 -1.79 0.00	42.65 -1.83 0.00	49.61 -2.12 0.00	52.20 -2.23 0.00	52.31 -2.29 0.00	52.68 -2.25 -0.06	52.20 -2.34 0.00	52.04 -2.28 0.00	51.37 -2.25 0.00	51.61 -2.26 0.00	50.93 -2.23 0.00	52.15 -2.34 0.00	52.30 -2.41 0.00	53.38 -2.21 -0.38	52.94 -2.26 -0.16	51.45 -2.31 0.00	49.14 -2.21 0.00	42.96 -1.88 0.00	40.48 -1.77 0.00	37.33 -1.60 0.00
NINE_MILE_2 23744	43.12 -1.94 0.00	40.78 -1.83 0.00	39.36 -1.72 0.00	40.85 -1.79 0.00	40.83 -1.79 0.00	42.70 -1.78 0.00	49.61 -2.12 0.00	52.20 -2.23 0.00	52.31 -2.29 0.00	52.68 -2.25 -0.06	52.26 -2.29 0.00	52.04 -2.28 0.00	51.37 -2.25 0.00	51.61 -2.26 0.00	50.93 -2.23 0.00	52.15 -2.34 0.00	52.30 -2.41 0.00	53.38 -2.21 -0.38	52.94 -2.26 -0.16	51.45 -2.31 0.00	49.14 -2.21 0.00	42.96 -1.88 0.00	40.48 -1.77 0.00	37.33 -1.60 0.00
NM_CAPITAL___DRP 24208	46.91 1.85 0.00	44.36 1.75 0.00	42.77 1.68 0.00	44.30 1.66 0.00	44.32 1.70 0.00	46.30 1.82 0.00	53.54 1.81 0.00	56.50 2.07 0.00	57.00 2.40 0.00	58.68 2.47 -1.34	56.62 2.07 0.00	56.33 2.01 0.00	55.60 1.98 0.00	55.86 1.99 0.00	55.13 1.97 0.00	56.67 2.18 0.00	57.01 2.30 0.00	66.01 2.37 -8.43	60.89 2.42 -3.42	55.97 2.20 0.00	53.40 2.05 0.00	46.72 1.88 0.00	44.24 1.99 0.00	40.75 1.83 0.00

NM_CENTRAL___DRP 24181	43.89 -1.17 0.00	41.51 -1.11 0.00	40.05 -1.03 0.00	41.57 -1.07 0.00	41.60 -1.02 0.00	43.50 -0.98 0.00	50.59 -1.14 0.00	53.29 -1.14 0.00	53.67 -0.93 0.00	53.98 -0.99 -0.10	53.35 -1.20 0.00	53.12 -1.20 0.00	52.44 -1.18 0.00	52.68 -1.19 0.00	51.99 -1.17 0.00	53.18 -1.31 0.00	53.45 -1.26 0.00	54.79 -0.99 -0.58	54.18 -1.10 -0.24	52.53 -1.24 0.00	50.21 -1.13 0.00	43.90 -0.94 0.00	41.28 -0.97 0.00	38.07 -0.86 0.00
NM_FRONTIER___DRP 24179	40.19 -4.87 0.00	38.10 -4.52 0.00	36.85 -4.23 0.00	38.37 -4.26 0.00	38.44 -4.18 0.00	40.12 -4.36 0.00	46.20 -5.54 0.00	47.14 -7.29 0.00	46.95 -7.64 0.01	47.07 -7.74 0.07	46.63 -7.91 0.01	46.38 -7.93 0.01	45.95 -7.67 0.01	45.94 -7.92 0.01	45.39 -7.76 0.01	45.82 -8.66 0.01	44.51 -8.26 1.94	45.82 -7.78 1.60	40.84 -7.71 6.50	40.41 -7.58 5.77	35.66 -7.09 8.60	38.51 -6.32 0.01	36.68 -5.58 0.00	34.53 -4.40 0.00
NM_ST_REGIS___HYD 24053	44.97 -0.09 0.00	42.66 0.04 0.00	41.16 0.08 0.00	42.89 0.26 0.00	43.26 0.64 0.00	45.50 1.02 0.00	53.64 1.91 0.00	56.83 2.40 0.00	56.46 1.86 0.00	56.44 1.54 -0.03	56.24 1.69 0.00	56.33 2.01 0.00	55.44 1.82 0.00	55.91 2.05 0.00	55.08 1.91 0.00	56.45 1.96 0.00	56.35 1.64 0.00	56.76 1.38 -0.17	56.10 0.99 -0.07	55.16 1.40 0.00	52.78 1.44 0.00	45.33 0.49 0.00	42.00 -0.25 0.00	38.46 -0.47 0.00
NORTHPORT___1 23551	51.70 4.28 -2.35	47.39 3.79 -0.98	44.61 3.53 0.01	46.08 3.45 0.01	46.15 3.54 0.01	48.21 3.74 0.01	58.62 4.81 -2.08	61.45 4.95 -2.06	62.10 5.63 -1.88	63.83 5.98 -2.98	64.41 5.24 -4.62	66.77 5.16 -7.29	63.64 5.04 -4.98	64.24 5.01 -5.37	63.40 5.21 -5.02	65.35 5.45 -5.41	75.05 5.80 -14.54	77.78 6.46 -16.12	74.98 6.11 -13.83	64.14 5.81 -4.57	58.66 5.60 -1.72	54.26 4.75 -4.67	49.94 4.31 -3.37	42.82 3.77 -0.12
NORTHPORT___2 23552	51.70 4.28 -2.35	47.39 3.79 -0.98	44.61 3.53 0.01	46.08 3.45 0.01	46.15 3.54 0.01	48.21 3.74 0.01	58.62 4.81 -2.08	61.45 4.95 -2.06	62.10 5.63 -1.88	63.83 5.98 -2.98	64.41 5.24 -4.62	66.77 5.16 -7.29	63.64 5.04 -4.98	64.24 5.01 -5.37	63.40 5.21 -5.02	65.35 5.45 -5.41	75.05 5.80 -14.54	77.78 6.46 -16.12	74.98 6.11 -13.83	64.14 5.81 -4.57	58.66 5.60 -1.72	54.26 4.75 -4.67	49.94 4.31 -3.37	42.82 3.77 -0.12
NORTHPORT___3 23553	50.76 3.42 -2.28	46.59 3.03 -0.95	43.87 2.79 0.01	45.36 2.73 0.01	45.38 2.77 0.01	47.32 2.85 0.01	57.52 3.77 -2.01	60.29 3.87 -1.99	61.00 4.59 -1.82	62.73 4.94 -2.92	63.42 4.31 -4.57	65.78 4.24 -7.22	62.74 4.19 -4.93	63.33 4.15 -5.32	62.39 4.25 -4.97	64.31 4.47 -5.35	73.96 4.76 -14.49	76.47 5.19 -16.08	73.96 5.12 -13.80	63.12 4.84 -4.52	57.68 4.67 -1.67	53.40 3.95 -4.62	49.15 3.63 -3.26	42.19 3.15 -0.11
NORTHPORT___4 23650	50.76 3.42 -2.28	46.59 3.03 -0.95	43.87 2.79 0.01	45.36 2.73 0.01	45.38 2.77 0.01	47.32 2.85 0.01	57.52 3.77 -2.01	60.29 3.87 -1.99	61.00 4.59 -1.82	62.73 4.94 -2.92	63.42 4.31 -4.57	65.78 4.24 -7.22	62.74 4.19 -4.93	63.33 4.15 -5.32	62.39 4.25 -4.97	64.31 4.47 -5.35	73.96 4.76 -14.49	76.47 5.19 -16.08	73.96 5.12 -13.80	63.12 4.84 -4.52	57.68 4.67 -1.67	53.40 3.95 -4.62	49.15 3.63 -3.26	42.19 3.15 -0.11
NORTHPORT___IC 23718	51.60 4.19 -2.35	47.39 3.79 -0.98	44.61 3.53 0.01	46.09 3.45 0.01	46.15 3.54 0.01	48.21 3.74 0.01	58.47 4.66 -2.08	61.94 5.44 -2.06	62.38 5.90 -1.88	64.11 6.26 -2.98	64.40 5.24 -4.62	66.61 5.00 -7.29	63.48 4.88 -4.98	64.19 4.96 -5.37	63.18 5.00 -5.02	65.29 5.39 -5.41	74.88 5.64 -14.54	77.51 6.18 -16.12	74.88 6.00 -13.83	63.86 5.54 -4.57	58.51 5.44 -1.72	54.26 4.75 -4.67	49.94 4.31 -3.37	42.86 3.81 -0.12
NORTH___COUNTRY_ESR 323785	45.64 0.58 0.00	43.38 0.77 0.00	41.78 0.70 0.00	43.41 0.77 0.00	43.26 0.64 0.00	45.10 0.62 0.00	52.71 0.98 0.00	55.47 1.03 0.00	55.31 0.71 0.00	54.98 0.11 0.00	55.20 0.66 0.00	55.24 0.92 0.00	54.64 1.02 0.00	54.94 1.08 0.00	54.01 0.85 0.00	55.25 0.76 0.00	54.82 0.11 0.00	54.43 -0.77 0.00	54.22 -0.82 0.00	53.06 -0.70 0.00	50.63 -0.72 0.00	43.85 -0.99 0.00	40.99 -1.27 0.00	37.53 -1.40 0.00
NPX_GEN_1385_PROXY 323591	52.10 4.69 -2.35	47.60 4.00 -0.98	44.98 3.90 0.01	46.17 3.54 0.01	46.58 3.96 0.01	48.96 4.49 0.01	59.50 5.69 -2.08	62.70 6.20 -2.06	63.14 6.66 -1.88	64.60 6.75 -2.98	65.17 6.00 -4.62	67.48 5.87 -7.29	64.07 5.47 -4.98	64.62 5.39 -5.37	63.88 5.69 -5.02	66.11 6.21 -5.41	75.43 6.18 -14.54	78.06 6.73 -16.12	75.37 6.49 -13.83	64.45 6.13 -4.57	59.02 5.95 -1.72	54.62 5.11 -4.67	49.94 4.31 -3.37	42.89 3.85 -0.12
NPX_GEN_CSC 323557	52.85 5.00 -2.79	48.17 4.39 -1.16	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.62 5.43 -2.46	62.32 5.44 -2.44	62.94 6.11 -2.22	64.68 6.47 -3.34	64.77 5.29 -4.94	66.79 4.78 -7.69	64.02 5.15 -5.25	64.94 5.44 -5.63	64.20 5.74 -5.30	66.24 6.05 -5.70	76.08 6.56 -14.81	79.01 7.45 -16.35	76.06 6.99 -14.02	65.13 6.56 -4.81	59.64 6.26 -2.04	55.08 5.29 -4.95	50.81 4.56 -3.99	43.07 4.01 -0.14
NSINS_S___GLNS_FALLS 23858	46.77 1.71 0.00	44.32 1.70 0.00	42.68 1.60 0.00	44.09 1.45 0.00	44.15 1.53 0.00	46.57 2.09 0.00	54.42 2.69 0.00	57.76 3.32 0.00	58.59 3.99 0.00	60.36 4.12 -1.37	58.09 3.55 0.00	57.74 3.42 0.00	56.89 3.27 0.00	56.78 2.91 0.00	55.98 2.82 0.00	57.60 3.11 0.00	57.88 3.17 0.00	67.13 3.31 -8.62	62.06 3.52 -3.50	56.83 3.06 0.00	54.17 2.82 0.00	47.13 2.29 0.00	44.37 2.11 0.00	40.72 1.79 0.00
NUCOR_STEEL___DRP 24197	44.38 -0.68 0.00	41.98 -0.64 0.00	40.47 -0.62 0.00	42.04 -0.60 0.00	42.02 -0.60 0.00	44.03 -0.44 0.00	51.26 -0.47 0.00	54.00 -0.44 0.00	54.93 0.33 0.00	54.40 -0.60 -0.13	53.73 -0.82 0.00	53.45 -0.87 0.00	52.76 -0.86 0.00	53.01 -0.86 0.00	52.31 -0.85 0.00	53.46 -1.04 0.00	53.78 -0.93 0.00	55.42 -0.50 -0.71	54.67 -0.66 -0.29	52.96 -0.81 0.00	50.57 -0.77 0.00	44.17 -0.67 0.00	41.49 -0.76 0.00	38.26 -0.66 0.00
NUMBER_THREE_WT_PWR 323818	44.61 -0.45 0.00	42.15 -0.47 0.00	40.67 -0.41 0.00	42.25 -0.38 0.00	42.36 -0.25 0.00	44.57 0.09 0.00	52.30 0.57 0.00	55.63 1.20 0.00	55.42 0.82 0.00	55.79 0.88 -0.04	55.20 0.66 0.00	55.02 0.70 0.00	54.16 0.54 0.00	54.52 0.65 0.00	53.85 0.69 0.00	55.31 0.82 0.00	55.58 0.87 0.00	56.57 1.10 -0.26	55.97 0.83 -0.10	54.78 1.02 0.00	52.42 1.08 0.00	45.33 0.49 0.00	42.25 0.00 0.00	38.81 -0.12 0.00
NYISO_LBMP_REFERENCE 24008	45.06 0.00 0.00	42.62 0.00 0.00	41.08 0.00 0.00	42.64 0.00 0.00	42.62 0.00 0.00	44.48 0.00 0.00	51.73 0.00 0.00	54.44 0.00 0.00	54.60 0.00 0.00	54.87 0.00 0.00	54.55 0.00 0.00	54.32 0.00 0.00	53.62 0.00 0.00	53.87 0.00 0.00	53.16 0.00 0.00	54.49 0.00 0.00	54.71 0.00 0.00	55.21 0.00 0.00	55.04 0.00 0.00	53.76 0.00 0.00	51.34 0.00 0.00	44.84 0.00 0.00	42.25 0.00 0.00	38.93 0.00 0.00

NYPA_BRENTWD____GT 24164	52.99 4.64 -3.29	48.12 4.13 -1.37	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.86 5.22 -2.91	62.65 5.34 -2.88	63.28 6.06 -2.62	65.05 6.42 -3.76	65.57 5.73 -5.30	68.11 5.65 -8.15	64.76 5.58 -5.57	65.36 5.55 -5.95	64.47 5.69 -5.61	66.52 5.99 -6.04	76.17 6.34 -15.12	78.90 7.07 -16.63	76.00 6.71 -14.25	65.21 6.34 -5.10	59.86 6.11 -2.41	55.28 5.15 -5.28	51.61 4.65 -4.71	43.18 4.09 -0.16
NYPA_GOWANUS____GT5 24156	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	54.16 2.43 0.00	57.21 2.77 0.00	57.93 3.33 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.15 3.29 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.81 2.88 0.00
NYPA_GOWANUS____GT6 24157	47.95 2.89 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.75 2.13 0.00	46.70 2.22 0.00	54.16 2.43 0.00	57.21 2.77 0.00	57.93 3.33 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.15 3.29 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.81 2.88 0.00
NYPA_HARLEM__RVR__GT1 24160	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.56 1.92 0.00	44.49 1.87 0.00	46.30 1.82 0.01	53.84 2.12 0.01	56.93 2.51 0.01	57.65 3.06 0.01	59.45 3.56 -1.01	57.64 3.11 0.01	57.46 3.15 0.01	56.67 3.05 0.01	56.82 2.96 0.01	56.29 3.14 0.01	57.81 3.32 0.01	58.37 3.67 0.01	65.93 4.31 -6.42	61.55 3.91 -2.60	57.30 3.55 0.01	54.83 3.49 0.01	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
NYPA_HARLEM__RVR__GT2 24161	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.56 1.92 0.00	44.49 1.87 0.00	46.30 1.82 0.01	53.84 2.12 0.01	56.93 2.51 0.01	57.65 3.06 0.01	59.45 3.56 -1.01	57.64 3.11 0.01	57.46 3.15 0.01	56.67 3.05 0.01	56.82 2.96 0.01	56.29 3.14 0.01	57.81 3.32 0.01	58.37 3.67 0.01	65.93 4.31 -6.42	61.55 3.91 -2.60	57.30 3.55 0.01	54.83 3.49 0.01	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
NYPA_KENT____GT 24152	47.85 2.79 0.00	44.96 2.34 0.00	43.38 2.30 0.00	44.81 2.17 0.00	44.75 2.13 0.00	46.70 2.22 0.00	54.21 2.48 0.00	57.32 2.88 0.00	58.04 3.44 0.00	59.85 3.95 -1.02	58.04 3.49 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.26 3.40 0.00	56.67 3.51 0.00	58.20 3.71 0.00	58.81 4.11 0.00	66.38 4.75 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.38 3.54 0.00	45.55 3.30 0.00	41.81 2.88 0.00
NYPA_POUCH1____GT 24155	48.03 2.97 0.00	45.04 2.43 0.00	43.46 2.38 0.00	44.90 2.26 0.00	44.83 2.21 0.00	46.75 2.27 0.00	53.95 2.22 0.00	57.00 2.56 0.00	57.71 3.11 0.00	59.52 3.62 -1.02	57.76 3.22 0.00	57.58 3.26 0.00	56.78 3.16 0.00	56.94 3.07 0.00	56.41 3.24 0.00	57.93 3.44 0.00	58.54 3.83 0.00	66.10 4.47 -6.42	61.78 4.13 -2.61	57.52 3.76 0.00	55.14 3.80 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00
NYPA_VERNON____GT2 24162	47.76 2.70 0.00	44.87 2.26 0.00	43.30 2.22 0.00	44.77 2.13 0.00	44.71 2.09 0.00	46.66 2.18 0.00	54.26 2.53 0.00	57.37 2.94 0.00	58.10 3.50 0.00	59.85 3.95 -1.02	58.09 3.54 0.00	57.90 3.58 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.25 3.76 0.00	58.81 4.11 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.29 3.45 0.00	45.46 3.21 0.00	41.73 2.80 0.00
NYPA_VERNON____GT3 24163	47.76 2.70 0.00	44.87 2.26 0.00	43.30 2.22 0.00	44.77 2.13 0.00	44.71 2.09 0.00	46.66 2.18 0.00	54.26 2.53 0.00	57.37 2.94 0.00	58.10 3.50 0.00	59.85 3.95 -1.02	58.09 3.54 0.00	57.90 3.58 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.25 3.76 0.00	58.81 4.11 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.74 3.98 0.00	55.24 3.90 0.00	48.29 3.45 0.00	45.46 3.21 0.00	41.73 2.80 0.00
NYPA__ASTORIA_CC1 323568	47.67 2.61 0.00	44.79 2.17 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.73 3.84 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.70 3.99 0.00	66.21 4.58 -6.42	61.89 4.24 -2.61	57.63 3.87 0.00	55.14 3.80 0.00	48.20 3.36 0.00	45.43 3.17 0.00	41.69 2.76 0.00
NYPA__ASTORIA_CC2 323569	47.72 2.66 0.00	44.83 2.21 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.16 2.43 0.00	57.27 2.83 0.00	57.99 3.39 0.00	59.79 3.90 -1.02	57.98 3.44 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.21 3.34 0.00	56.62 3.45 0.00	58.14 3.65 0.00	58.70 3.99 0.00	66.27 4.64 -6.42	61.89 4.24 -2.61	57.68 3.92 0.00	55.14 3.80 0.00	48.20 3.36 0.00	45.46 3.21 0.00	41.73 2.80 0.00
NYPA__HOLTSVILL 23794	52.21 4.42 -2.73	47.67 3.92 -1.14	44.69 3.62 0.00	46.17 3.54 0.00	46.23 3.62 0.00	48.25 3.78 0.00	59.06 4.92 -2.42	61.73 4.90 -2.39	62.35 5.57 -2.18	64.10 5.93 -3.30	64.63 5.18 -4.90	66.95 4.99 -7.64	63.88 5.04 -5.22	64.48 5.01 -5.60	63.64 5.21 -5.26	65.66 5.50 -5.66	75.34 5.86 -14.77	78.10 6.57 -16.33	75.26 6.22 -14.00	64.41 5.86 -4.78	59.04 5.70 -2.00	54.64 4.89 -4.92	50.53 4.35 -3.92	42.88 3.82 -0.13
NYPA__HELLGATE_GT1 24158	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.56 1.92 0.00	44.49 1.87 0.00	46.30 1.82 0.01	53.84 2.12 0.01	56.93 2.51 0.01	57.65 3.06 0.01	59.45 3.56 -1.01	57.64 3.11 0.01	57.46 3.15 0.01	56.67 3.05 0.01	56.82 2.96 0.01	56.29 3.14 0.01	57.81 3.32 0.01	58.37 3.67 0.01	65.93 4.31 -6.42	61.55 3.91 -2.60	57.30 3.55 0.01	54.83 3.49 0.01	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
NYPA__HELLGATE_GT2 24159	47.63 2.57 0.00	44.74 2.13 0.00	43.18 2.09 0.00	44.56 1.92 0.00	44.49 1.87 0.00	46.30 1.82 0.01	53.84 2.12 0.01	56.93 2.51 0.01	57.65 3.06 0.01	59.45 3.56 -1.01	57.64 3.11 0.01	57.46 3.15 0.01	56.67 3.05 0.01	56.82 2.96 0.01	56.29 3.14 0.01	57.81 3.32 0.01	58.37 3.67 0.01	65.93 4.31 -6.42	61.55 3.91 -2.60	57.30 3.55 0.01	54.83 3.49 0.01	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
NYS_BARGE__HYD 23848	40.51 -4.55 0.00	38.61 -4.01 0.00	37.34 -3.74 0.00	38.89 -3.75 0.00	38.95 -3.67 0.00	40.74 -3.74 0.00	47.07 -4.66 0.00	48.39 -6.04 0.00	48.10 -6.50 0.00	48.40 -6.42 0.05	47.88 -6.66 0.00	47.74 -6.57 0.00	47.07 -6.54 0.00	47.45 -6.41 0.01	46.51 -6.65 0.01	47.40 -7.08 0.00	45.73 -7.22 1.76	47.30 -6.51 1.39	42.44 -6.66 5.94	41.97 -6.51 5.29	37.34 -6.11 7.89	39.49 -5.34 0.01	37.52 -4.73 0.00	35.50 -3.43 0.00

OAK ORCHARD___HYD 24046	42.31 -2.75 0.00	40.19 -2.43 0.00	38.78 -2.30 0.00	40.29 -2.35 0.00	40.36 -2.26 0.00	42.21 -2.27 0.00	48.99 -2.74 0.00	51.01 -3.43 0.00	50.94 -3.66 0.00	51.38 -3.62 -0.13	50.73 -3.82 0.00	50.57 -3.75 0.00	49.87 -3.75 0.00	50.15 -3.72 0.00	49.33 -3.83 0.00	50.30 -4.19 0.00	50.17 -4.54 0.00	51.98 -4.03 -0.80	51.25 -4.13 -0.34	49.58 -4.19 -0.01	47.30 -4.06 -0.02	41.75 -3.09 0.00	39.42 -2.83 0.00	36.67 -2.26 0.00
OAKDALE___35_KV_LOAD 356122	44.61 -0.45 0.00	42.19 -0.43 0.00	40.71 -0.37 0.00	42.30 -0.34 0.00	42.32 -0.30 0.00	44.26 -0.22 0.00	51.52 -0.21 0.00	54.27 -0.16 0.00	54.54 -0.05 0.00	55.27 0.00 -0.40	54.22 -0.33 0.00	53.94 -0.38 0.00	53.24 -0.38 0.00	53.49 -0.38 0.00	52.79 -0.37 0.00	54.05 -0.44 0.00	54.87 -0.22 -0.38	58.17 0.22 -2.75	57.30 0.00 -2.26	54.78 -0.11 -1.13	52.92 -0.10 -1.68	44.48 -0.36 0.00	41.87 -0.38 0.00	38.77 -0.16 0.00
OCC_CHEM___DRP 24175	40.28 -4.78 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.30 -5.43 0.00	47.25 -7.19 0.00	47.06 -7.53 0.01	47.18 -7.63 0.07	46.74 -7.80 0.01	46.49 -7.82 0.01	46.00 -7.61 0.01	46.05 -7.81 0.01	45.50 -7.66 0.01	45.93 -8.56 0.01	44.51 -8.26 1.94	45.87 -7.73 1.61	40.86 -7.65 6.54	40.44 -7.53 5.80	35.66 -7.03 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.60 -4.32 0.00
OH_GEN_PROXY 24063	40.51 -4.55 0.00	38.57 -4.05 0.00	37.30 -3.78 0.00	38.80 -3.84 0.00	38.87 -3.75 0.00	40.61 -3.87 0.00	46.87 -4.86 0.00	47.79 -6.64 0.00	47.55 -7.04 0.01	47.86 -6.97 0.04	45.90 -7.20 1.44	44.30 -7.06 2.96	40.00 -7.02 6.60	39.28 -6.95 7.64	41.20 -7.12 4.84	41.10 -7.52 5.87	45.10 -7.88 1.73	46.70 -7.18 1.33	41.90 -7.32 5.82	41.25 -7.31 5.20	36.70 -6.88 7.76	39.09 -5.74 0.01	37.18 -5.07 0.00	35.11 -3.81 0.00
OLIN_CORP_DRP 24177	40.19 -4.87 0.00	38.14 -4.47 0.00	36.89 -4.19 0.00	38.37 -4.26 0.00	38.48 -4.13 0.00	40.16 -4.31 0.00	46.30 -5.43 0.00	47.20 -7.24 0.00	47.00 -7.59 0.01	47.06 -7.74 0.07	46.63 -7.91 0.01	46.38 -7.93 0.01	45.95 -7.67 0.01	45.94 -7.92 0.01	45.39 -7.76 0.01	45.87 -8.61 0.01	44.43 -8.32 1.96	45.90 -7.67 1.63	40.61 -7.58 6.67	40.21 -7.63 5.91	35.39 -7.14 8.82	38.51 -6.32 0.01	36.68 -5.58 0.00	34.53 -4.40 0.00
OLIN_CORP_DSASP 323712	40.10 -4.96 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.40 -5.33 0.00	47.20 -7.24 0.00	46.95 -7.64 0.01	47.23 -7.57 0.07	46.74 -7.80 0.01	46.66 -7.66 0.01	46.00 -7.61 0.01	46.37 -7.49 0.01	45.44 -7.71 0.01	46.31 -8.17 0.01	44.46 -8.31 1.94	45.54 -8.06 1.60	40.91 -7.60 6.53	40.38 -7.58 5.80	35.61 -7.09 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.80 -4.13 0.00
ONEIDA_HERK_LFGE 323681	45.46 0.40 0.00	42.95 0.34 0.00	41.45 0.37 0.00	43.02 0.38 0.00	43.09 0.47 0.00	45.19 0.71 0.00	52.82 1.09 0.00	55.91 1.47 0.00	55.91 1.31 0.00	56.33 1.42 -0.03	55.80 1.26 0.00	55.57 1.25 0.00	54.75 1.13 0.00	55.05 1.18 0.00	54.33 1.17 0.00	55.75 1.25 0.00	56.02 1.31 0.00	56.96 1.54 -0.21	56.45 1.32 -0.09	55.16 1.40 0.00	52.73 1.39 0.00	45.78 0.94 0.00	42.89 0.63 0.00	39.43 0.50 0.00
ONEIDA___115KV_TB4 55905	45.83 0.77 0.00	43.30 0.68 0.00	41.82 0.74 0.00	43.36 0.72 0.00	43.39 0.77 0.00	45.50 1.02 0.00	53.08 1.34 0.00	56.12 1.69 0.00	56.24 1.64 0.00	56.64 1.70 -0.06	55.96 1.42 0.00	55.73 1.41 0.00	54.96 1.34 0.00	55.21 1.35 0.00	54.55 1.38 0.00	55.91 1.42 0.00	56.19 1.48 0.00	57.30 1.71 -0.38	56.74 1.54 -0.15	55.27 1.51 0.00	52.83 1.49 0.00	45.96 1.12 0.00	43.10 0.85 0.00	39.70 0.78 0.00
ONONDAGA_REF_OCCRA 23987	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.83 -0.81 0.00	41.81 -0.81 0.00	43.77 -0.71 0.00	50.95 -0.78 0.00	53.67 -0.76 0.00	54.11 -0.49 0.00	54.39 -0.60 -0.12	53.73 -0.82 0.00	53.45 -0.87 0.00	52.82 -0.80 0.00	53.01 -0.86 0.00	52.31 -0.85 0.00	53.51 -0.98 0.00	53.83 -0.88 0.00	55.37 -0.55 -0.71	54.67 -0.66 -0.29	52.96 -0.81 0.00	50.63 -0.72 0.00	44.17 -0.67 0.00	41.54 -0.72 0.00	38.30 -0.62 0.00
ONONDAGA___COGEN 23986	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.81 -0.81 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.67 -0.76 0.00	54.44 -0.16 0.00	54.16 -0.82 -0.11	53.56 -0.98 0.00	53.29 -1.03 0.00	52.65 -0.97 0.00	52.84 -1.02 0.00	52.21 -0.96 0.00	53.35 -1.14 0.00	53.62 -1.09 0.00	55.03 -0.77 -0.60	54.35 -0.94 -0.24	52.74 -1.02 0.00	50.37 -0.98 0.00	43.99 -0.85 0.00	41.37 -0.89 0.00	38.15 -0.78 0.00
ONTARIO___LFGE 23819	43.75 -1.31 0.00	41.47 -1.15 0.00	40.06 -1.03 0.00	41.66 -0.98 0.00	41.72 -0.90 0.00	43.81 -0.67 0.00	50.90 -0.83 0.00	53.35 -1.09 0.00	53.56 -1.04 0.00	53.80 -1.37 -0.30	52.91 -1.63 0.00	52.69 -1.63 0.00	52.01 -1.61 0.00	52.26 -1.61 0.00	51.46 -1.70 0.00	52.58 -1.91 0.00	54.26 -1.75 -1.30	56.79 -1.10 -2.68	58.79 -1.32 -5.07	56.07 -1.61 -3.92	55.65 -1.54 -5.84	43.50 -1.34 -0.01	40.86 -1.39 0.00	37.91 -1.01 0.00
ORANGEVILLE_WT_PWR 323706	41.28 -3.78 0.00	39.33 -3.28 0.00	38.08 -3.00 0.00	39.70 -2.94 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.42 -3.31 0.00	49.70 -4.74 0.00	49.46 -5.13 0.00	48.90 -5.27 0.71	49.03 -5.51 0.00	48.88 -5.43 0.00	48.25 -5.36 0.00	48.51 -5.33 0.03	47.61 -5.53 0.03	48.49 -5.99 0.00	41.00 -5.91 7.80	40.77 -5.25 9.19	21.65 -5.61 27.78	24.42 -5.70 23.64	10.67 -5.39 35.29	39.82 -4.98 0.04	37.73 -4.52 0.00	35.58 -3.35 0.00
ORANGEVILLE___ESR 323794	41.28 -3.78 0.00	39.33 -3.28 0.00	38.08 -3.00 0.00	39.70 -2.94 0.00	39.85 -2.77 0.00	41.72 -2.76 0.00	48.42 -3.31 0.00	49.70 -4.74 0.00	49.46 -5.13 0.00	48.90 -5.27 0.71	49.03 -5.51 0.00	48.88 -5.43 0.00	48.25 -5.36 0.00	48.51 -5.33 0.03	47.61 -5.53 0.03	48.49 -5.99 0.00	41.00 -5.91 7.80	40.77 -5.25 9.19	21.65 -5.61 27.78	24.42 -5.70 23.64	10.67 -5.39 35.29	39.82 -4.98 0.04	37.73 -4.52 0.00	35.58 -3.35 0.00
OSWEGATCHIE___HYD 24044	44.07 -0.99 0.00	41.68 -0.94 0.00	40.26 -0.82 0.00	41.91 -0.73 0.00	42.23 -0.38 0.00	44.48 0.00 0.00	52.45 0.72 0.00	55.91 1.47 0.00	55.53 0.93 0.00	55.73 0.82 -0.04	55.20 0.66 0.00	55.14 0.82 0.00	54.27 0.65 0.00	54.62 0.75 0.00	53.91 0.74 0.00	55.36 0.87 0.00	55.47 0.77 0.00	56.27 0.83 -0.24	55.63 0.49 -0.10	54.62 0.86 0.00	52.27 0.93 0.00	45.02 0.18 0.00	41.79 -0.46 0.00	38.30 -0.62 0.00
OSWEGO___5 23606	43.44 -1.62 0.00	41.08 -1.53 0.00	39.64 -1.44 0.00	41.14 -1.49 0.00	41.17 -1.45 0.00	43.01 -1.47 0.00	50.02 -1.71 0.00	52.64 -1.80 0.00	52.58 -2.02 0.00	53.07 -1.87 -0.06	52.58 -1.96 0.00	52.42 -1.90 0.00	51.74 -1.88 0.00	51.98 -1.89 0.00	51.25 -1.91 0.00	52.48 -2.02 0.00	52.69 -2.02 0.00	53.79 -1.82 -0.40	53.33 -1.87 -0.16	51.83 -1.93 0.00	49.50 -1.85 0.00	43.27 -1.57 0.00	40.74 -1.52 0.00	37.60 -1.32 0.00

OSWEGO___6 23613	43.44 -1.62 0.00	41.08 -1.53 0.00	39.64 -1.44 0.00	41.14 -1.49 0.00	41.17 -1.45 0.00	43.01 -1.47 0.00	50.02 -1.71 0.00	52.64 -1.80 0.00	52.58 -2.02 0.00	53.07 -1.87 -0.06	52.58 -1.96 0.00	52.42 -1.90 0.00	51.74 -1.88 0.00	51.98 -1.89 0.00	51.25 -1.91 0.00	52.48 -2.02 0.00	52.69 -2.02 0.00	53.79 -1.82 -0.40	53.33 -1.87 -0.16	51.83 -1.93 0.00	49.50 -1.85 0.00	43.27 -1.57 0.00	40.74 -1.52 0.00	37.60 -1.32 0.00
OUTOKUMPU-AB___DRP 24206	41.14 -3.92 0.00	39.04 -3.58 0.00	37.75 -3.33 0.00	39.31 -3.33 0.00	39.42 -3.20 0.00	41.19 -3.29 0.00	47.59 -4.14 0.00	48.77 -5.66 0.00	48.53 -6.06 0.01	48.70 -6.09 0.08	48.27 -6.27 0.01	47.96 -6.36 0.01	47.45 -6.17 0.01	47.55 -6.30 0.01	46.88 -6.27 0.01	47.40 -7.08 0.01	45.81 -6.84 2.06	47.27 -6.18 1.75	41.72 -6.27 7.05	41.35 -6.18 6.23	36.25 -5.80 9.30	39.58 -5.25 0.01	37.69 -4.56 0.00	35.46 -3.46 0.00
OXBOW___BTM 323836	40.60 -4.46 0.00	38.65 -3.96 0.00	37.38 -3.70 0.00	38.93 -3.71 0.00	39.04 -3.58 0.00	40.74 -3.74 0.00	47.13 -4.60 0.00	48.07 -6.37 0.00	47.82 -6.77 0.01	48.10 -6.70 0.08	47.61 -6.93 0.01	47.47 -6.85 0.01	46.80 -6.81 0.01	47.23 -6.63 0.01	46.29 -6.86 0.01	47.13 -7.36 0.01	45.27 -7.44 2.00	46.46 -7.07 1.68	41.42 -6.83 6.80	40.91 -6.83 6.02	36.00 -6.37 8.98	39.13 -5.70 0.01	37.27 -4.99 0.00	35.26 -3.66 0.00
OXBOW____ 24026	40.78 -4.28 0.00	38.65 -3.96 0.00	37.38 -3.70 0.00	38.93 -3.71 0.00	39.04 -3.58 0.00	40.79 -3.69 0.00	47.02 -4.71 0.00	48.12 -6.31 0.00	47.88 -6.72 0.01	47.99 -6.80 0.08	47.61 -6.93 0.01	47.31 -7.01 0.01	46.86 -6.76 0.01	46.91 -6.95 0.01	46.29 -6.86 0.01	46.75 -7.74 0.01	45.27 -7.44 2.00	46.63 -6.90 1.68	41.37 -6.88 6.80	40.97 -6.77 6.02	36.05 -6.32 8.98	39.18 -5.65 0.01	37.27 -4.99 0.00	35.11 -3.81 0.00
OXY_CHEM_DSASP 323612	40.28 -4.78 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.30 -5.43 0.00	47.25 -7.19 0.00	47.06 -7.53 0.01	47.18 -7.63 0.07	46.74 -7.80 0.01	46.49 -7.82 0.01	46.00 -7.61 0.01	46.05 -7.81 0.01	45.50 -7.66 0.01	45.93 -8.56 0.01	44.51 -8.26 1.94	45.87 -7.73 1.61	40.86 -7.65 6.54	40.44 -7.53 5.80	35.66 -7.03 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.60 -4.32 0.00
OZONE_PARK_ESR 323760	48.03 2.97 0.00	45.17 2.56 0.00	43.59 2.51 0.00	45.07 2.43 0.00	45.00 2.39 0.00	47.06 2.58 0.00	54.73 3.00 0.00	58.25 3.81 0.00	58.97 4.37 0.00	60.72 4.83 -1.02	58.64 4.09 0.00	58.28 3.97 0.00	57.48 3.86 0.00	57.75 3.88 0.00	57.04 3.88 0.00	58.74 4.25 0.00	59.20 4.49 0.00	66.71 5.08 -6.43	62.44 4.79 -2.61	58.12 4.35 0.00	55.61 4.26 0.00	48.70 3.86 0.00	45.76 3.51 0.00	41.96 3.04 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	40.28 -4.78 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.30 -5.43 0.00	47.25 -7.19 0.00	47.06 -7.53 0.01	47.18 -7.63 0.07	46.74 -7.80 0.01	46.49 -7.82 0.01	46.00 -7.61 0.01	46.05 -7.81 0.01	45.50 -7.66 0.01	45.93 -8.56 0.01	44.51 -8.26 1.94	45.87 -7.73 1.61	40.86 -7.65 6.54	40.44 -7.53 5.80	35.66 -7.03 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.60 -4.32 0.00
PACKARD___115KV_DUPONT_184 80571	40.28 -4.78 0.00	38.18 -4.43 0.00	36.93 -4.15 0.00	38.46 -4.18 0.00	38.53 -4.09 0.00	40.21 -4.27 0.00	46.30 -5.43 0.00	47.25 -7.19 0.00	47.06 -7.53 0.01	47.18 -7.63 0.07	46.74 -7.80 0.01	46.49 -7.82 0.01	46.00 -7.61 0.01	46.05 -7.81 0.01	45.50 -7.66 0.01	45.93 -8.56 0.01	44.51 -8.26 1.94	45.87 -7.73 1.61	40.86 -7.65 6.54	40.44 -7.53 5.80	35.66 -7.03 8.65	38.60 -6.23 0.01	36.76 -5.49 0.00	34.60 -4.32 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	47.63 2.57 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.60 1.96 0.00	44.49 1.88 0.00	46.35 1.87 0.00	53.80 2.07 0.00	57.21 2.78 0.00	57.99 3.39 0.00	59.74 3.84 -1.02	57.71 3.16 0.00	57.36 3.04 0.00	56.57 2.95 0.00	56.83 2.96 0.00	56.14 2.98 0.00	57.76 3.27 0.00	58.27 3.56 0.00	65.72 4.09 -6.43	61.45 3.80 -2.61	57.15 3.39 0.00	54.68 3.34 0.00	48.02 3.18 0.00	45.34 3.08 0.00	41.77 2.84 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	48.12 3.06 0.00	45.21 2.60 0.00	43.67 2.59 0.00	45.07 2.43 0.00	44.96 2.34 0.00	46.84 2.36 0.00	54.37 2.64 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.23 4.33 -1.02	58.15 3.60 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.31 3.45 0.00	56.62 3.46 0.00	58.31 3.81 0.00	58.76 4.05 0.00	66.22 4.58 -6.43	61.95 4.29 -2.61	57.63 3.87 0.00	55.09 3.75 0.00	48.43 3.59 0.00	45.68 3.42 0.00	42.08 3.15 0.00
PATROON___115KV_TB1 80586	46.91 1.85 0.00	44.36 1.75 0.00	42.81 1.73 0.00	44.30 1.66 0.00	44.32 1.70 0.00	46.30 1.82 0.00	53.54 1.81 0.00	56.50 2.07 0.00	57.00 2.40 0.00	58.69 2.47 -1.35	56.56 2.02 0.00	56.33 2.01 0.00	55.60 1.98 0.00	55.86 1.99 0.00	55.18 2.02 0.00	56.67 2.18 0.00	57.01 2.30 0.00	66.05 2.37 -8.47	60.90 2.42 -3.44	55.97 2.20 0.00	53.35 2.00 0.00	46.68 1.84 0.00	44.24 1.99 0.00	40.75 1.83 0.00
PATTRSNVILLE___SOLAR 323815	46.73 1.67 0.00	44.19 1.58 0.00	42.60 1.52 0.00	44.09 1.45 0.00	44.11 1.49 0.00	46.13 1.65 0.00	53.75 2.02 0.00	56.56 2.12 0.00	56.89 2.29 0.00	58.54 2.25 -1.41	56.40 1.86 0.00	56.11 1.79 0.00	55.34 1.72 0.00	55.64 1.77 0.00	54.91 1.75 0.00	56.61 2.12 0.00	57.11 2.40 0.00	66.80 2.70 -8.89	61.30 2.64 -3.61	56.12 2.36 0.00	53.55 2.21 0.00	46.72 1.88 0.00	44.03 1.77 0.00	40.44 1.52 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	42.18 -2.88 0.00	40.02 -2.60 0.00	38.74 -2.34 0.00	40.34 -2.30 0.00	40.44 -2.17 0.00	42.30 -2.18 0.00	48.94 -2.79 0.00	49.92 -4.52 0.00	49.79 -4.80 0.01	50.07 -4.72 0.08	49.52 -5.02 0.01	49.15 -5.16 0.01	48.57 -5.04 0.01	48.85 -5.01 0.01	48.10 -5.05 0.01	49.04 -5.45 0.01	47.89 -4.65 2.17	49.53 -3.86 1.82	43.39 -4.13 7.52	42.96 -4.14 6.66	37.51 -3.90 9.93	40.21 -4.62 0.01	38.20 -4.06 0.00	36.24 -2.69 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	48.08 3.02 0.00	45.30 2.68 0.00	43.67 2.59 0.00	45.24 2.60 0.00	45.17 2.56 0.00	47.19 2.71 0.00	55.04 3.31 0.00	58.25 3.81 0.00	58.91 4.31 0.00	60.68 4.77 -1.03	58.58 4.04 0.00	58.18 3.86 0.00	57.32 3.70 0.00	57.64 3.77 0.00	56.88 3.72 0.00	58.52 4.03 0.00	58.98 4.27 0.00	66.49 4.80 -6.48	62.41 4.73 -2.63	58.17 4.41 0.00	55.55 4.21 0.00	48.25 3.41 0.00	45.42 3.17 0.00	41.69 2.76 0.00
PEEKSKILL____ 23653	47.36 2.30 0.00	44.58 1.96 0.00	42.97 1.89 0.00	44.51 1.87 0.00	44.45 1.83 0.00	46.39 1.91 0.00	54.11 2.38 0.00	57.16 2.72 0.00	57.77 3.17 0.00	59.40 3.51 -1.01	57.65 3.11 0.00	57.47 3.15 0.00	56.62 3.00 0.00	56.88 3.01 0.00	56.25 3.08 0.00	57.76 3.27 0.00	58.32 3.61 0.00	65.76 4.19 -6.36	61.59 3.97 -2.58	57.36 3.60 0.00	54.78 3.44 0.00	47.67 2.83 0.00	44.88 2.62 0.00	41.18 2.26 0.00

PGE MADISON___WINDPWR 24146	47.36 2.30 0.00	44.66 2.05 0.00	43.18 2.09 0.00	44.81 2.17 0.00	44.75 2.13 0.00	47.15 2.67 0.00	55.46 3.73 0.00	63.31 8.88 0.00	62.63 8.03 0.00	63.41 8.12 -0.42	61.91 7.36 0.00	61.82 7.50 0.00	60.32 6.70 0.00	60.76 6.90 0.00	60.07 6.91 0.00	61.52 7.03 0.00	62.32 7.60 0.00	61.63 4.31 -2.12	59.64 3.74 -0.86	57.52 3.76 0.00	54.99 3.65 0.00	47.44 2.60 0.00	44.20 1.94 0.00	40.72 1.79 0.00
PIERCEFIELD___HYD 23852	44.52 -0.54 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.49 1.76 0.00	56.83 2.40 0.00	56.40 1.80 0.00	56.44 1.54 -0.03	56.13 1.58 0.00	56.17 1.85 0.00	55.23 1.61 0.00	55.70 1.83 0.00	54.92 1.75 0.00	56.29 1.80 0.00	56.30 1.59 0.00	56.89 1.49 -0.19	56.17 1.05 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.09 -0.17 0.00	38.50 -0.43 0.00
PINELAWN_CC_1 323563	55.48 4.10 -6.32	48.92 3.67 -2.64	44.49 3.41 0.00	45.97 3.33 0.00	45.98 3.37 0.00	47.95 3.47 0.00	61.87 4.55 -5.59	64.65 4.68 -5.53	65.05 5.41 -5.05	66.91 5.76 -6.28	67.16 5.13 -7.49	70.29 5.05 -10.92	66.02 4.93 -7.47	66.60 4.90 -7.83	65.75 5.05 -7.54	67.93 5.34 -8.10	77.38 5.69 -16.98	79.88 6.40 -18.28	76.70 6.05 -15.60	66.31 5.70 -6.85	61.47 5.50 -4.63	56.74 4.62 -7.28	55.53 4.23 -9.05	42.95 3.70 -0.32
PJM_GEN_HTP_PROXY 323702	47.67 2.61 0.00	44.83 2.21 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.71 2.09 0.00	46.70 2.22 0.00	54.47 2.74 0.00	57.54 3.10 0.00	58.26 3.66 0.00	59.95 4.06 -1.02	58.20 3.65 0.00	58.01 3.70 0.00	57.21 3.59 0.00	57.42 3.55 0.00	56.83 3.67 0.00	58.30 3.81 0.00	58.81 4.11 0.00	66.38 4.75 -6.42	62.06 4.41 -2.61	57.80 4.03 0.00	55.24 3.90 0.00	48.20 3.36 0.00	45.34 3.08 0.00	41.57 2.65 0.00
PJM_GEN_KEystone 24065	39.25 -0.63 5.18	37.05 -0.64 4.93	35.53 -0.54 5.02	35.86 -0.60 6.18	38.29 -0.56 3.77	42.34 -0.53 1.61	48.50 -0.72 2.50	53.00 -1.36 0.08	53.16 -1.31 0.13	49.66 -1.04 4.17	47.59 -1.36 5.59	43.72 -1.36 9.24	42.95 -1.39 9.28	42.47 -1.40 10.00	41.91 -1.33 9.93	45.90 -1.42 7.17	53.01 -0.98 0.72	58.16 -0.22 -3.17	54.10 -0.55 0.39	51.35 -0.75 1.66	48.24 -0.72 2.39	43.85 -0.99 0.00	41.41 -0.84 0.00	38.46 -0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	49.14 3.42 -0.66	45.96 3.07 -0.27	43.91 2.83 0.01	45.40 2.77 0.01	45.42 2.81 0.01	47.36 2.89 0.01	56.09 3.77 -0.58	58.82 3.81 -0.58	59.65 4.53 -0.52	61.38 4.94 -1.57	62.20 4.26 -3.40	64.24 4.18 -5.74	61.66 4.13 -3.91	62.22 4.04 -4.31	61.26 4.15 -3.95	63.11 4.36 -4.26	72.91 4.71 -13.50	75.75 5.35 -15.20	73.13 5.01 -13.08	62.08 4.73 -3.59	56.45 4.62 -0.48	52.29 3.90 -3.55	46.88 3.67 -0.95	42.18 3.23 -0.03
PJM_GEN_VFT_PROXY 323633	47.40 2.34 0.00	44.53 1.92 0.00	42.97 1.89 0.00	44.47 1.83 0.00	44.41 1.79 0.00	46.39 1.91 0.00	54.10 2.38 0.01	55.99 2.72 1.17	55.93 3.22 1.89	55.99 3.68 2.56	55.93 3.22 1.83	55.99 3.37 1.70	55.99 3.22 0.85	55.99 3.18 1.05	55.99 3.35 0.52	55.99 3.44 1.94	56.13 3.72 2.31	65.02 4.31 -5.50	60.70 3.97 -1.69	56.68 3.71 0.78	54.99 3.65 0.00	47.98 3.14 0.00	45.13 2.87 0.00	41.38 2.45 0.00
PLATSBURG_115KV_PMLD1 355749	46.10 1.04 0.00	43.81 1.19 0.00	42.23 1.15 0.00	43.87 1.24 0.00	43.68 1.07 0.00	45.55 1.07 0.00	53.23 1.50 0.00	55.69 1.25 0.00	55.53 0.93 0.00	55.26 0.38 0.00	55.53 0.98 0.00	55.79 1.47 0.00	55.07 1.45 0.00	55.43 1.56 0.00	54.49 1.33 0.00	55.74 1.25 0.00	55.31 0.60 0.00	55.10 -0.11 0.00	54.77 -0.28 0.00	53.55 -0.22 0.00	51.09 -0.26 0.00	44.17 -0.67 0.00	41.24 -1.01 0.00	37.76 -1.17 0.00
PLEASANTVLY___LBMP 24000	47.31 2.25 0.00	44.58 1.96 0.00	43.01 1.93 0.00	44.56 1.92 0.00	44.54 1.92 0.00	46.48 2.00 0.00	54.01 2.28 0.00	57.32 2.89 0.00	57.93 3.33 0.00	59.56 3.62 -1.07	57.55 3.00 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.67 2.80 0.00	55.98 2.82 0.00	57.60 3.11 0.00	58.05 3.34 0.00	65.74 3.81 -6.72	61.40 3.63 -2.73	56.99 3.23 0.00	54.48 3.13 0.00	47.57 2.74 0.00	44.83 2.58 0.00	41.18 2.26 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.54 2.48 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.73 2.09 0.00	44.71 2.09 0.00	46.66 2.18 0.00	54.27 2.53 0.00	57.65 3.21 0.00	58.26 3.66 0.00	59.96 4.06 -1.03	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.43 3.72 0.00	65.93 4.25 -6.47	61.74 4.07 -2.63	57.42 3.66 0.00	54.89 3.54 0.00	47.93 3.09 0.00	45.13 2.87 0.00	41.42 2.49 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.54 2.48 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.73 2.09 0.00	44.71 2.09 0.00	46.66 2.18 0.00	54.27 2.53 0.00	57.65 3.21 0.00	58.26 3.66 0.00	59.96 4.06 -1.03	57.93 3.38 0.00	57.58 3.26 0.00	56.78 3.16 0.00	57.05 3.18 0.00	56.35 3.19 0.00	57.98 3.49 0.00	58.43 3.72 0.00	65.93 4.25 -6.47	61.74 4.07 -2.63	57.42 3.66 0.00	54.89 3.54 0.00	47.93 3.09 0.00	45.13 2.87 0.00	41.42 2.49 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.76 2.70 0.00	45.04 2.43 0.00	43.42 2.34 0.00	44.98 2.35 0.00	44.96 2.34 0.00	46.93 2.45 0.00	54.68 2.95 0.00	57.92 3.48 0.00	58.53 3.93 0.00	60.20 4.28 -1.04	58.20 3.65 0.00	57.85 3.53 0.00	57.00 3.38 0.00	57.26 3.39 0.00	56.57 3.40 0.00	58.25 3.76 0.00	58.70 3.99 0.00	66.35 4.58 -6.56	62.17 4.46 -2.67	57.74 3.98 0.00	55.14 3.80 0.00	47.93 3.09 0.00	45.17 2.92 0.00	41.46 2.53 0.00
POLETTI___ 23519	47.49 2.43 0.00	44.66 2.05 0.00	43.14 2.05 0.00	44.60 1.96 0.00	44.58 1.96 0.00	46.52 2.05 0.00	48.27 2.38 5.84	51.59 3.10 5.95	51.88 3.66 6.38	52.08 4.12 6.91	51.11 3.38 6.81	50.90 3.26 6.68	50.95 3.16 5.83	51.06 3.23 6.04	50.91 3.19 5.45	51.12 3.54 6.92	56.98 3.72 1.45	63.72 4.25 -4.26	54.97 4.02 4.09	50.90 3.60 6.46	51.09 3.54 3.80	48.07 3.23 0.00	45.30 3.04 0.00	41.57 2.65 0.00
POMONA___ESR 323819	47.13 2.07 0.00	44.40 1.79 0.00	42.85 1.77 0.00	44.34 1.71 0.00	44.32 1.71 0.00	46.26 1.78 0.00	53.90 2.17 0.00	56.94 2.51 0.00	57.55 2.95 0.00	59.15 3.29 -0.99	57.49 2.94 0.00	57.25 2.93 0.00	56.46 2.84 0.00	56.67 2.80 0.00	56.03 2.87 0.00	57.54 3.05 0.00	58.16 3.45 0.00	65.50 4.09 -6.21	61.36 3.80 -2.52	57.21 3.44 0.00	54.58 3.24 0.00	47.48 2.64 0.00	44.75 2.49 0.00	41.03 2.10 0.00
PORT_JEFF_3 23555	52.45 4.60 -2.79	47.87 4.09 -1.16	44.85 3.78 0.00	46.34 3.71 0.00	46.41 3.79 0.00	48.39 3.92 0.00	59.32 5.12 -2.46	62.05 5.17 -2.44	62.67 5.85 -2.23	64.41 6.20 -3.34	64.94 5.45 -4.94	67.28 5.27 -7.69	64.18 5.31 -5.25	64.84 5.33 -5.64	63.94 5.48 -5.30	65.96 5.77 -5.70	75.70 6.18 -14.81	78.52 6.96 -16.35	75.62 6.55 -14.03	64.76 6.18 -4.82	59.34 5.95 -2.04	54.86 5.07 -4.95	50.77 4.52 -4.00	43.04 3.97 -0.14

PORT_JEFF_4 23616	52.45 4.60 -2.79	47.87 4.09 -1.16	44.85 3.78 0.00	46.34 3.71 0.00	46.41 3.79 0.00	48.39 3.92 0.00	59.32 5.12 -2.46	62.05 5.17 -2.44	62.67 5.85 -2.23	64.41 6.20 -3.34	64.94 5.45 -4.94	67.28 5.27 -7.69	64.18 5.31 -5.25	64.84 5.33 -5.64	63.94 5.48 -5.30	65.96 5.77 -5.70	75.70 6.18 -14.81	78.52 6.96 -16.35	75.62 6.55 -14.03	64.76 6.18 -4.82	59.34 5.95 -2.04	54.86 5.07 -4.95	50.77 4.52 -4.00	43.04 3.97 -0.14
PORT_JEFF_IC 23713	52.53 4.60 -2.87	47.95 4.13 -1.20	44.86 3.78 0.00	46.34 3.71 0.00	46.41 3.79 0.00	48.43 3.96 0.00	59.24 4.97 -2.54	62.61 5.66 -2.52	63.06 6.17 -2.29	64.82 6.53 -3.41	65.05 5.51 -5.00	67.25 5.16 -7.77	64.13 5.20 -5.31	64.84 5.28 -5.69	63.88 5.37 -5.35	66.03 5.78 -5.76	75.64 6.07 -14.86	78.40 6.79 -16.41	75.60 6.49 -14.07	64.70 6.08 -4.87	59.30 5.85 -2.10	55.01 5.16 -5.01	50.94 4.56 -4.12	43.08 4.01 -0.14
PPL_PILGRIM_ST_GT1 24216	52.99 4.64 -3.29	48.12 4.13 -1.37	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.86 5.22 -2.91	62.65 5.34 -2.88	63.28 6.06 -2.62	65.05 6.42 -3.76	65.57 5.73 -5.30	68.11 5.65 -8.15	64.76 5.58 -5.57	65.36 5.55 -5.95	64.47 5.69 -5.61	66.52 5.99 -6.04	76.17 6.34 -15.12	78.90 7.07 -16.63	76.00 6.71 -14.25	65.21 6.34 -5.10	59.86 6.11 -2.41	55.28 5.15 -5.28	51.61 4.65 -4.71	43.18 4.09 -0.16
PPL_PILGRIM_ST_GT2 24217	52.99 4.64 -3.29	48.12 4.13 -1.37	44.90 3.82 0.00	46.39 3.75 0.00	46.45 3.84 0.00	48.48 4.00 0.00	59.86 5.22 -2.91	62.65 5.34 -2.88	63.28 6.06 -2.62	65.05 6.42 -3.76	65.57 5.73 -5.30	68.11 5.65 -8.15	64.76 5.58 -5.57	65.36 5.55 -5.95	64.47 5.69 -5.61	66.52 5.99 -6.04	76.17 6.34 -15.12	78.90 7.07 -16.63	76.00 6.71 -14.25	65.21 6.34 -5.10	59.86 6.11 -2.41	55.28 5.15 -5.28	51.61 4.65 -4.71	43.18 4.09 -0.16
PPL_SHRM_GT3 24213	52.89 5.00 -2.83	48.18 4.39 -1.18	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.66 5.43 -2.50	62.36 5.44 -2.48	62.97 6.11 -2.26	64.72 6.47 -3.38	64.86 5.35 -4.97	66.88 4.83 -7.73	64.05 5.15 -5.28	64.91 5.39 -5.66	64.23 5.74 -5.32	66.27 6.05 -5.73	76.10 6.56 -14.83	78.98 7.40 -16.38	76.02 6.94 -14.04	65.16 6.56 -4.84	59.68 6.26 -2.07	55.11 5.29 -4.98	50.87 4.56 -4.05	43.08 4.01 -0.14
PPL_SHRM_GT4 24214	52.89 5.00 -2.83	48.18 4.39 -1.18	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.66 5.43 -2.50	62.36 5.44 -2.48	62.97 6.11 -2.26	64.72 6.47 -3.38	64.86 5.35 -4.97	66.88 4.83 -7.73	64.05 5.15 -5.28	64.91 5.39 -5.66	64.23 5.74 -5.32	66.27 6.05 -5.73	76.10 6.56 -14.83	78.98 7.40 -16.38	76.02 6.94 -14.04	65.16 6.56 -4.84	59.68 6.26 -2.07	55.11 5.29 -4.98	50.87 4.56 -4.05	43.08 4.01 -0.14
PROJECT___ORANGE 1 24174	43.93 -1.13 0.00	41.55 -1.07 0.00	40.05 -1.03 0.00	41.57 -1.07 0.00	41.60 -1.02 0.00	43.54 -0.93 0.00	50.59 -1.14 0.00	53.35 -1.09 0.00	53.67 -0.93 0.00	54.04 -0.93 -0.10	53.40 -1.15 0.00	53.18 -1.14 0.00	52.49 -1.13 0.00	52.74 -1.13 0.00	52.05 -1.12 0.00	53.24 -1.25 0.00	53.45 -1.26 0.00	54.86 -0.94 -0.59	54.24 -1.05 -0.24	52.58 -1.18 0.00	50.27 -1.08 0.00	43.90 -0.94 0.00	41.33 -0.93 0.00	38.11 -0.82 0.00
PROJECT___ORANGE 2 24166	43.93 -1.13 0.00	41.55 -1.07 0.00	40.05 -1.03 0.00	41.57 -1.07 0.00	41.60 -1.02 0.00	43.54 -0.93 0.00	50.59 -1.14 0.00	53.35 -1.09 0.00	53.67 -0.93 0.00	54.04 -0.93 -0.10	53.40 -1.15 0.00	53.18 -1.14 0.00	52.49 -1.13 0.00	52.74 -1.13 0.00	52.05 -1.12 0.00	53.24 -1.25 0.00	53.45 -1.26 0.00	54.86 -0.94 -0.59	54.24 -1.05 -0.24	52.58 -1.18 0.00	50.27 -1.08 0.00	43.90 -0.94 0.00	41.33 -0.93 0.00	38.11 -0.82 0.00
PUCKETT___SOLAR 323809	45.46 0.40 0.00	42.95 0.34 0.00	41.45 0.37 0.00	43.06 0.43 0.00	43.09 0.47 0.00	45.15 0.67 0.00	52.71 0.98 0.00	56.07 1.63 0.00	56.13 1.53 0.00	56.88 1.59 -0.41	55.80 1.26 0.00	55.62 1.30 0.00	54.75 1.13 0.00	55.05 1.18 0.00	54.33 1.17 0.00	55.64 1.15 0.00	56.51 1.48 -0.33	59.47 1.54 -2.72	58.40 1.27 -2.09	55.81 1.07 -0.97	53.82 1.03 -1.45	45.42 0.58 0.00	42.63 0.38 0.00	39.39 0.47 0.00
PYRITES___HYD 24023	45.60 0.54 0.00	43.17 0.55 0.00	41.74 0.66 0.00	43.53 0.90 0.00	44.02 1.41 0.00	46.48 2.00 0.00	55.04 3.31 0.00	58.74 4.30 0.00	58.09 3.49 0.00	58.14 3.24 -0.03	57.76 3.22 0.00	57.80 3.48 0.00	56.78 3.16 0.00	57.21 3.34 0.00	56.46 3.30 0.00	57.87 3.38 0.00	57.99 3.28 0.00	58.60 3.20 -0.19	57.82 2.70 -0.08	57.04 3.28 0.00	54.58 3.23 0.00	46.68 1.84 0.00	43.10 0.85 0.00	39.43 0.51 0.00
QUAKERRD_115KV_BK1 80622	41.86 -3.20 0.00	39.67 -2.94 0.00	38.29 -2.79 0.00	39.74 -2.90 0.00	39.81 -2.81 0.00	41.63 -2.85 0.00	48.37 -3.36 0.00	50.57 -3.86 0.00	50.61 -3.99 0.00	50.94 -4.06 -0.13	50.29 -4.25 0.00	50.03 -4.29 0.00	49.44 -4.18 0.00	49.56 -4.31 0.00	48.96 -4.20 0.00	49.75 -4.74 0.00	49.84 -4.87 0.00	51.49 -4.47 -0.76	50.84 -4.51 -0.31	49.25 -4.52 0.00	46.98 -4.36 0.00	41.34 -3.50 0.00	39.00 -3.25 0.00	36.12 -2.80 0.00
QUENSBRY_115KV_TB8 356137	46.73 1.67 0.00	44.28 1.66 0.00	42.64 1.56 0.00	44.00 1.36 0.00	44.11 1.49 0.00	46.52 2.05 0.00	54.42 2.69 0.00	57.81 3.38 0.00	58.64 4.04 0.00	60.41 4.17 -1.37	58.15 3.60 0.00	57.80 3.48 0.00	56.94 3.32 0.00	56.78 2.91 0.00	56.03 2.87 0.00	57.60 3.11 0.00	57.88 3.17 0.00	67.14 3.31 -8.62	62.07 3.52 -3.50	56.77 3.01 0.00	54.12 2.77 0.00	47.08 2.24 0.00	44.33 2.07 0.00	40.68 1.75 0.00
RAMAPO___LBMP 323565	47.00 1.94 0.00	44.28 1.66 0.00	42.73 1.64 0.00	44.26 1.62 0.00	44.19 1.58 0.00	46.12 1.65 0.00	53.64 1.91 0.00	56.99 2.56 0.00	57.60 3.00 0.00	59.20 3.35 -0.98	57.27 2.73 0.00	56.93 2.61 0.00	56.14 2.52 0.00	56.40 2.53 0.00	55.71 2.55 0.00	57.32 2.83 0.00	57.77 3.06 0.00	65.03 3.64 -6.18	61.02 3.47 -2.51	56.83 3.06 0.00	54.27 2.93 0.00	47.35 2.51 0.00	44.62 2.37 0.00	40.99 2.06 0.00
RANKINE____ 23646	41.59 -3.47 0.00	39.46 -3.15 0.00	38.21 -2.88 0.00	39.78 -2.86 0.00	39.89 -2.73 0.00	41.72 -2.76 0.00	48.21 -3.52 0.00	49.37 -5.06 0.00	49.13 -5.46 0.01	49.26 -5.49 0.12	48.81 -5.73 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.41 -5.74 0.01	48.05 -6.43 0.01	46.02 -6.18 2.50	47.46 -5.47 2.28	40.55 -5.72 8.77	40.42 -5.64 7.69	34.52 -5.34 11.48	39.80 -5.02 0.01	37.86 -4.39 0.00	35.73 -3.19 0.00
RAVENSWOOD_GT2_1 24244	47.63 2.57 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.66 2.18 0.00	54.21 2.48 0.00	57.70 3.27 0.00	58.37 3.77 0.00	60.12 4.23 -1.02	58.04 3.49 0.00	57.74 3.42 0.00	56.89 3.27 0.00	57.21 3.34 0.00	56.46 3.30 0.00	58.14 3.65 0.00	58.59 3.88 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.61 2.69 0.00

RAVENSWOOD_GT_9 24257	47.63 2.57 0.00	44.79 2.17 0.00	43.22 2.14 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.66 2.18 0.00	54.27 2.53 0.00	57.70 3.27 0.00	58.37 3.77 0.00	60.12 4.23 -1.02	58.09 3.55 0.00	57.74 3.42 0.00	56.94 3.32 0.00	57.21 3.34 0.00	56.51 3.35 0.00	58.14 3.65 0.00	58.59 3.88 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.61 2.69 0.00
RAVENSWOOD___1 23533	47.72 2.66 0.00	44.83 2.21 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.61 2.13 0.00	54.26 2.53 0.00	57.37 2.94 0.00	58.10 3.50 0.00	59.85 3.95 -1.02	58.04 3.49 0.00	57.90 3.58 0.00	57.10 3.48 0.00	57.26 3.40 0.00	56.67 3.51 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	61.95 4.30 -2.61	57.74 3.98 0.00	55.20 3.85 0.00	48.25 3.41 0.00	45.46 3.21 0.00	41.69 2.76 0.00
RAVENSWOOD___2 23534	47.72 2.66 0.00	44.83 2.21 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.61 2.13 0.00	54.21 2.48 0.00	57.32 2.88 0.00	58.04 3.44 0.00	59.85 3.95 -1.02	58.04 3.49 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.26 3.40 0.00	56.67 3.51 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	61.95 4.30 -2.61	57.68 3.92 0.00	55.20 3.85 0.00	48.25 3.41 0.00	45.46 3.21 0.00	41.69 2.76 0.00
RAVENSWOOD___3 23535	47.67 2.61 0.00	44.79 2.17 0.00	43.26 2.18 0.00	44.73 2.09 0.00	44.66 2.05 0.00	46.66 2.18 0.00	54.42 2.69 0.00	57.48 3.05 0.00	58.15 3.55 0.00	59.90 4.00 -1.02	58.09 3.54 0.00	57.96 3.64 0.00	57.10 3.48 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.25 3.76 0.00	58.76 4.05 0.00	66.32 4.69 -6.42	62.00 4.35 -2.61	57.80 4.03 0.00	55.24 3.90 0.00	48.16 3.32 0.00	45.34 3.08 0.00	41.57 2.65 0.00
RAVENSWOOD___4 23820	47.72 2.66 0.00	44.83 2.21 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.21 2.48 0.00	57.32 2.88 0.00	58.04 3.44 0.00	59.79 3.90 -1.02	58.04 3.49 0.00	57.85 3.53 0.00	57.05 3.43 0.00	57.21 3.34 0.00	56.67 3.51 0.00	58.20 3.71 0.00	58.76 4.05 0.00	66.27 4.64 -6.42	61.95 4.30 -2.61	57.68 3.92 0.00	55.20 3.85 0.00	48.25 3.41 0.00	45.43 3.17 0.00	41.69 2.76 0.00
RCPL_TRUST___DRP 24196	47.72 2.66 0.00	44.87 2.26 0.00	43.30 2.22 0.00	44.81 2.17 0.00	44.75 2.13 0.00	46.75 2.27 0.00	54.37 2.64 0.00	57.87 3.43 0.00	58.53 3.93 0.00	60.28 4.39 -1.02	58.25 3.71 0.00	57.90 3.59 0.00	57.11 3.49 0.00	57.37 3.50 0.00	56.67 3.51 0.00	58.31 3.81 0.00	58.76 4.05 0.00	66.22 4.58 -6.43	62.00 4.35 -2.61	57.63 3.87 0.00	55.14 3.80 0.00	48.25 3.41 0.00	45.42 3.17 0.00	41.65 2.72 0.00
RED___ROCHESTER 323720	42.54 -2.52 0.00	40.40 -2.22 0.00	38.99 -2.09 0.00	40.51 -2.13 0.00	40.62 -2.00 0.00	42.43 -2.05 0.00	49.35 -2.38 0.00	51.39 -3.05 0.00	51.33 -3.27 0.00	51.76 -3.24 -0.13	51.11 -3.43 0.00	50.95 -3.37 0.00	50.24 -3.38 0.00	50.53 -3.34 0.00	49.71 -3.45 0.00	50.68 -3.82 0.00	50.55 -4.16 0.00	52.35 -3.65 -0.79	51.68 -3.69 -0.32	50.00 -3.76 0.00	47.65 -3.70 0.00	42.02 -2.82 0.00	39.63 -2.62 0.00	36.90 -2.03 0.00
REGAN___SOLAR 323812	48.13 3.07 0.00	45.60 2.98 0.00	43.91 2.83 0.00	45.28 2.64 0.00	45.39 2.77 0.00	47.64 3.16 0.00	55.77 4.04 0.00	58.52 4.08 0.00	59.02 4.42 0.00	60.51 4.17 -1.47	58.09 3.54 0.00	57.74 3.42 0.00	56.89 3.27 0.00	57.37 3.50 0.00	56.57 3.41 0.00	58.52 4.03 0.00	59.14 4.43 0.00	69.32 4.86 -9.26	63.70 4.90 -3.76	58.22 4.46 0.00	55.56 4.21 0.00	48.43 3.59 0.00	45.51 3.25 0.00	41.73 2.80 0.00
RENSSELAER___COGEN 23796	46.73 1.67 0.00	44.19 1.58 0.00	42.60 1.52 0.00	44.17 1.53 0.00	44.15 1.53 0.00	46.13 1.65 0.00	53.02 1.29 0.00	55.69 1.25 0.00	56.13 1.53 0.00	57.80 1.59 -1.33	55.85 1.31 0.00	55.62 1.30 0.00	54.96 1.34 0.00	55.16 1.29 0.00	54.54 1.38 0.00	55.96 1.47 0.00	56.35 1.64 0.00	65.47 1.88 -8.39	60.26 1.81 -3.41	55.32 1.56 0.00	52.83 1.49 0.00	46.50 1.66 0.00	44.07 1.82 0.00	40.60 1.67 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.99 2.93 0.00	45.60 2.98 0.00	43.92 2.83 0.00	45.15 2.52 0.00	45.30 2.68 0.00	47.95 3.47 0.00	56.28 4.55 0.00	59.66 5.23 0.00	60.82 6.22 0.00	62.61 6.37 -1.37	60.11 5.56 0.00	59.70 5.38 0.00	58.77 5.15 0.00	58.72 4.85 0.00	57.89 4.73 0.00	59.61 5.12 0.00	59.91 5.20 0.00	69.07 5.24 -8.62	64.16 5.61 -3.50	58.65 4.89 0.00	55.86 4.52 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.77 2.84 0.00
REVERE_CPPR_DRP 24186	46.14 1.08 0.00	43.55 0.94 0.00	42.07 0.99 0.00	43.62 0.98 0.00	43.64 1.02 0.00	45.81 1.33 0.00	53.49 1.76 0.00	56.72 2.29 0.00	56.78 2.18 0.00	57.18 2.25 -0.05	56.51 1.96 0.00	56.27 1.96 0.00	55.44 1.82 0.00	55.75 1.89 0.00	55.08 1.91 0.00	56.45 1.96 0.00	56.79 2.08 0.00	57.85 2.32 -0.33	57.27 2.09 -0.13	55.86 2.10 0.00	53.40 2.05 0.00	46.41 1.57 0.00	43.44 1.18 0.00	39.98 1.05 0.00
REYNOLDS_115KV_TB3 80639	46.95 1.89 0.00	44.40 1.79 0.00	42.81 1.73 0.00	44.39 1.75 0.00	44.37 1.75 0.00	46.35 1.87 0.00	53.70 1.97 0.00	56.67 2.23 0.00	57.17 2.57 0.00	58.84 2.63 -1.34	56.78 2.24 0.00	56.49 2.17 0.00	55.76 2.14 0.00	55.97 2.10 0.00	55.29 2.13 0.00	56.78 2.29 0.00	57.12 2.41 0.00	66.21 2.59 -8.41	61.04 2.59 -3.41	56.13 2.37 0.00	53.55 2.21 0.00	46.81 1.97 0.00	44.33 2.07 0.00	40.79 1.87 0.00
RIVERBAY____ 323610	48.12 3.06 0.00	45.21 2.60 0.00	43.67 2.59 0.00	45.07 2.43 0.00	44.96 2.34 0.00	46.84 2.36 0.00	54.37 2.64 0.00	57.81 3.38 0.00	58.53 3.93 0.00	60.23 4.33 -1.02	58.15 3.60 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.31 3.45 0.00	56.62 3.46 0.00	58.31 3.81 0.00	58.76 4.05 0.00	66.22 4.58 -6.43	61.95 4.29 -2.61	57.63 3.87 0.00	55.09 3.75 0.00	48.43 3.59 0.00	45.68 3.42 0.00	42.08 3.15 0.00
RIVERSDE_115KV_TB3 55908	46.91 1.85 0.00	44.36 1.75 0.00	42.77 1.68 0.00	44.30 1.66 0.00	44.32 1.70 0.00	46.30 1.82 0.00	53.54 1.81 0.00	56.50 2.07 0.00	57.00 2.40 0.00	58.68 2.47 -1.34	56.62 2.07 0.00	56.33 2.01 0.00	55.60 1.98 0.00	55.86 1.99 0.00	55.13 1.97 0.00	56.67 2.18 0.00	57.01 2.30 0.00	66.01 2.37 -8.43	60.89 2.42 -3.42	55.97 2.20 0.00	53.40 2.05 0.00	46.72 1.88 0.00	44.24 1.99 0.00	40.75 1.83 0.00
ROARING___BROOK_WT_PWR 323790	44.16 -0.90 0.00	41.80 -0.81 0.00	40.30 -0.78 0.00	41.87 -0.77 0.00	41.85 -0.77 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.51 -0.93 0.00	53.56 -1.04 0.00	53.67 -1.21 0.00	53.57 -0.98 0.00	53.34 -0.98 0.00	52.71 -0.91 0.00	52.95 -0.92 0.00	52.15 -1.01 0.00	53.40 -1.09 0.00	53.40 -1.31 0.00	53.55 -1.65 0.00	53.44 -1.60 0.00	52.26 -1.50 0.00	49.91 -1.44 0.00	43.58 -1.26 0.00	41.07 -1.18 0.00	37.80 -1.13 0.00

ROCHESRG_115KV_T4 355643	42.27 -2.79 0.00	40.02 -2.60 0.00	38.66 -2.42 0.00	40.16 -2.47 0.00	40.23 -2.39 0.00	42.08 -2.40 0.00	48.78 -2.95 0.00	50.84 -3.59 0.00	50.78 -3.82 0.00	51.06 -3.90 -0.09	50.46 -4.09 0.00	50.19 -4.13 0.00	49.65 -3.97 0.00	49.72 -4.15 0.00	49.12 -4.04 0.00	49.86 -4.63 0.00	49.59 -4.76 0.36	51.21 -4.31 -0.31	49.67 -4.40 0.96	48.28 -4.41 1.07	45.53 -4.21 1.60	41.56 -3.27 0.00	39.30 -2.96 0.00	36.47 -2.45 0.00
ROCHESTER_9_IC 23652	42.45 -2.61 0.00	40.23 -2.39 0.00	38.82 -2.26 0.00	40.34 -2.30 0.00	40.44 -2.17 0.00	42.25 -2.22 0.00	49.04 -2.69 0.00	51.17 -3.27 0.00	51.16 -3.44 0.00	51.43 -3.57 -0.13	50.78 -3.76 0.00	50.52 -3.80 0.00	49.92 -3.70 0.00	50.04 -3.82 0.00	49.44 -3.72 0.00	50.13 -4.36 0.00	50.22 -4.49 0.00	51.96 -4.03 -0.79	51.29 -4.07 -0.32	49.68 -4.09 0.00	47.39 -3.95 0.00	41.79 -3.05 0.00	39.47 -2.79 0.00	36.63 -2.30 0.00
ROCKVIEW_13_KV_LD 356306	47.72 2.66 0.00	44.92 2.30 0.00	43.30 2.22 0.00	44.81 2.17 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.42 2.69 0.00	57.81 3.38 0.00	58.48 3.88 0.00	60.17 4.28 -1.02	58.15 3.60 0.00	57.80 3.48 0.00	57.00 3.38 0.00	57.31 3.45 0.00	56.57 3.40 0.00	58.25 3.76 0.00	58.70 3.99 0.00	66.16 4.53 -6.43	61.95 4.29 -2.61	57.63 3.87 0.00	55.09 3.75 0.00	48.16 3.32 0.00	45.30 3.04 0.00	41.57 2.65 0.00
ROME____115KV_TB2 80656	46.14 1.08 0.00	43.55 0.94 0.00	42.07 0.99 0.00	43.62 0.98 0.00	43.64 1.02 0.00	45.81 1.33 0.00	53.49 1.76 0.00	56.72 2.29 0.00	56.78 2.18 0.00	57.18 2.25 -0.05	56.51 1.96 0.00	56.27 1.96 0.00	55.44 1.82 0.00	55.75 1.89 0.00	55.08 1.91 0.00	56.45 1.96 0.00	56.79 2.08 0.00	57.85 2.32 -0.33	57.27 2.09 -0.13	55.86 2.10 0.00	53.40 2.05 0.00	46.41 1.57 0.00	43.44 1.18 0.00	39.98 1.05 0.00
ROSETON___1 23587	47.22 2.16 0.00	44.45 1.83 0.00	42.89 1.81 0.00	44.43 1.79 0.00	44.41 1.79 0.00	46.35 1.87 0.00	54.00 2.27 0.00	57.00 2.56 0.00	57.55 2.95 0.00	59.17 3.29 -1.01	57.43 2.89 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.61 2.75 0.00	56.03 2.87 0.00	57.49 3.00 0.00	58.05 3.34 0.00	65.48 3.92 -6.35	61.25 3.63 -2.58	57.10 3.33 0.00	54.53 3.18 0.00	47.48 2.64 0.00	44.70 2.45 0.00	41.03 2.10 0.00
ROSETON___2 23588	47.22 2.16 0.00	44.45 1.83 0.00	42.89 1.81 0.00	44.43 1.79 0.00	44.41 1.79 0.00	46.35 1.87 0.00	54.00 2.27 0.00	57.00 2.56 0.00	57.55 2.95 0.00	59.17 3.29 -1.01	57.43 2.89 0.00	57.20 2.88 0.00	56.41 2.79 0.00	56.61 2.75 0.00	56.03 2.87 0.00	57.49 3.00 0.00	58.05 3.34 0.00	65.48 3.92 -6.35	61.25 3.63 -2.58	57.10 3.33 0.00	54.53 3.18 0.00	47.48 2.64 0.00	44.70 2.45 0.00	41.03 2.10 0.00
ROTRRDAM_115KV_TB3 80664	46.41 1.35 0.00	43.85 1.24 0.00	42.27 1.19 0.00	43.83 1.19 0.00	43.85 1.24 0.00	45.77 1.29 0.00	53.23 1.50 0.00	56.18 1.74 0.00	56.57 1.97 0.00	58.29 2.03 -1.39	56.24 1.69 0.00	55.95 1.63 0.00	55.17 1.55 0.00	55.43 1.56 0.00	54.70 1.54 0.00	56.23 1.74 0.00	56.57 1.86 0.00	66.01 2.04 -8.76	60.69 2.09 -3.56	55.59 1.83 0.00	53.09 1.75 0.00	46.32 1.48 0.00	43.65 1.39 0.00	40.17 1.25 0.00
RUSSELL___1 23602	42.63 -2.43 0.00	40.40 -2.22 0.00	38.99 -2.10 0.00	40.51 -2.13 0.00	40.61 -2.00 0.00	42.48 -2.00 0.00	49.30 -2.43 0.00	51.44 -2.99 0.00	51.43 -3.17 0.00	51.76 -3.24 -0.13	51.11 -3.44 0.00	50.84 -3.48 0.00	50.19 -3.43 0.00	50.31 -3.56 0.00	49.71 -3.46 0.00	50.40 -4.09 0.00	50.55 -4.16 0.00	52.30 -3.70 -0.79	51.62 -3.74 -0.32	50.00 -3.76 0.00	47.70 -3.65 0.00	42.01 -2.82 0.00	39.68 -2.58 0.00	36.78 -2.14 0.00
RUSSELL___2 23532	42.63 -2.43 0.00	40.40 -2.22 0.00	38.99 -2.10 0.00	40.51 -2.13 0.00	40.61 -2.00 0.00	42.48 -2.00 0.00	49.30 -2.43 0.00	51.44 -2.99 0.00	51.43 -3.17 0.00	51.76 -3.24 -0.13	51.11 -3.44 0.00	50.84 -3.48 0.00	50.19 -3.43 0.00	50.31 -3.56 0.00	49.71 -3.46 0.00	50.40 -4.09 0.00	50.55 -4.16 0.00	52.30 -3.70 -0.79	51.62 -3.74 -0.32	50.00 -3.76 0.00	47.70 -3.65 0.00	42.01 -2.82 0.00	39.68 -2.58 0.00	36.78 -2.14 0.00
RUSSELL___3 23549	42.63 -2.43 0.00	40.40 -2.22 0.00	38.99 -2.10 0.00	40.51 -2.13 0.00	40.61 -2.00 0.00	42.48 -2.00 0.00	49.30 -2.43 0.00	51.44 -2.99 0.00	51.43 -3.17 0.00	51.76 -3.24 -0.13	51.11 -3.44 0.00	50.84 -3.48 0.00	50.19 -3.43 0.00	50.31 -3.56 0.00	49.71 -3.46 0.00	50.40 -4.09 0.00	50.55 -4.16 0.00	52.30 -3.70 -0.79	51.62 -3.74 -0.32	50.00 -3.76 0.00	47.70 -3.65 0.00	42.01 -2.82 0.00	39.68 -2.58 0.00	36.78 -2.14 0.00
RUSSELL___4 23556	42.63 -2.43 0.00	40.40 -2.22 0.00	38.99 -2.10 0.00	40.51 -2.13 0.00	40.61 -2.00 0.00	42.48 -2.00 0.00	49.30 -2.43 0.00	51.44 -2.99 0.00	51.43 -3.17 0.00	51.76 -3.24 -0.13	51.11 -3.44 0.00	50.84 -3.48 0.00	50.19 -3.43 0.00	50.31 -3.56 0.00	49.71 -3.46 0.00	50.40 -4.09 0.00	50.55 -4.16 0.00	52.30 -3.70 -0.79	51.62 -3.74 -0.32	50.00 -3.76 0.00	47.70 -3.65 0.00	42.01 -2.82 0.00	39.68 -2.58 0.00	36.78 -2.14 0.00
RUSSELL___STATION 23914	42.63 -2.43 0.00	40.40 -2.22 0.00	38.99 -2.10 0.00	40.51 -2.13 0.00	40.61 -2.00 0.00	42.48 -2.00 0.00	49.30 -2.43 0.00	51.44 -2.99 0.00	51.43 -3.17 0.00	51.76 -3.24 -0.13	51.11 -3.44 0.00	50.84 -3.48 0.00	50.19 -3.43 0.00	50.31 -3.56 0.00	49.71 -3.46 0.00	50.40 -4.09 0.00	50.55 -4.16 0.00	52.30 -3.70 -0.79	51.62 -3.74 -0.32	50.00 -3.76 0.00	47.70 -3.65 0.00	42.01 -2.82 0.00	39.68 -2.58 0.00	36.78 -2.14 0.00
S SALMON___HYD 24043	43.53 -1.53 0.00	41.17 -1.45 0.00	39.73 -1.35 0.00	41.23 -1.41 0.00	41.25 -1.37 0.00	43.23 -1.25 0.00	50.54 -1.19 0.00	53.40 -1.04 0.00	53.40 -1.20 0.00	53.79 -1.15 -0.07	53.24 -1.31 0.00	53.02 -1.30 0.00	52.28 -1.34 0.00	52.57 -1.29 0.00	51.89 -1.28 0.00	53.24 -1.25 0.00	53.51 -1.20 0.00	54.78 -0.89 -0.46	54.13 -1.10 -0.18	52.69 -1.07 0.00	50.37 -0.98 0.00	43.85 -0.99 0.00	41.07 -1.18 0.00	37.80 -1.13 0.00
S.PERRY__115KV_TB1 80734	43.66 -1.40 0.00	41.42 -1.19 0.00	40.05 -1.03 0.00	41.66 -0.98 0.00	41.77 -0.85 0.00	43.86 -0.62 0.00	51.11 -0.62 0.00	53.35 -1.09 0.00	53.01 -1.58 0.00	54.01 -1.98 -1.12	52.25 -2.29 0.00	51.98 -2.34 0.00	51.31 -2.31 0.00	51.46 -2.42 -0.02	50.90 -2.29 -0.02	49.91 -4.58 0.00	58.54 -4.27 -8.10	63.53 -3.64 -11.97	80.85 -3.85 -29.66	74.30 -3.87 -24.41	84.03 -3.75 -36.43	43.04 -1.84 -0.04	40.44 -1.82 0.00	37.52 -1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.14 -3.92 0.00	38.99 -3.62 0.00	37.75 -3.33 0.00	39.31 -3.33 0.00	39.38 -3.24 0.00	41.14 -3.34 0.00	47.54 -4.19 0.00	48.61 -5.82 0.00	48.37 -6.22 0.01	48.45 -6.31 0.12	48.05 -6.49 0.01	47.79 -6.52 0.01	47.29 -6.33 0.01	47.34 -6.52 0.01	46.72 -6.43 0.01	47.24 -7.25 0.01	45.25 -7.11 2.35	46.63 -6.46 2.12	39.94 -6.66 8.44	39.80 -6.56 7.40	34.13 -6.16 11.05	39.45 -5.38 0.01	37.52 -4.73 0.00	35.34 -3.58 0.00

SAWYER___23_KV_LOAD 55526	41.14 -3.92 0.00	38.99 -3.62 0.00	37.75 -3.33 0.00	39.31 -3.33 0.00	39.38 -3.24 0.00	41.14 -3.34 0.00	47.54 -4.19 0.00	48.61 -5.82 0.00	48.37 -6.22 0.01	48.45 -6.31 0.12	48.05 -6.49 0.01	47.79 -6.52 0.01	47.29 -6.33 0.01	47.34 -6.52 0.01	46.72 -6.43 0.01	47.24 -7.25 0.01	45.25 -7.11 2.35	46.63 -6.46 2.12	39.94 -6.66 8.44	39.80 -6.56 7.40	34.13 -6.16 11.05	39.45 -5.38 0.01	37.52 -4.73 0.00	35.34 -3.58 0.00
SELKIRK___I 23801	46.68 1.62 0.00	44.15 1.53 0.00	42.56 1.48 0.00	44.13 1.49 0.00	44.15 1.53 0.00	46.08 1.60 0.00	55.92 4.19 0.00	58.30 3.87 0.00	58.97 4.37 0.00	60.15 4.00 -1.27	57.98 3.44 0.00	57.63 3.31 0.00	56.95 3.33 0.00	57.32 3.45 0.00	56.73 3.56 0.00	58.63 4.14 0.00	59.14 4.43 0.00	65.33 1.88 -8.24	60.26 1.87 -3.35	55.43 1.67 0.00	52.94 1.59 0.00	46.45 1.61 0.00	43.95 1.69 0.00	40.48 1.56 0.00
SELKIRK___II 23799	46.59 1.53 0.00	44.02 1.40 0.00	42.44 1.35 0.00	44.00 1.36 0.00	44.02 1.40 0.00	45.94 1.47 0.00	53.07 1.34 0.00	55.74 1.30 0.00	56.18 1.58 0.00	57.84 1.64 -1.33	55.91 1.36 0.00	55.68 1.36 0.00	55.01 1.39 0.00	55.21 1.35 0.00	54.54 1.38 0.00	56.01 1.52 0.00	56.41 1.70 0.00	65.43 1.88 -8.35	60.25 1.81 -3.39	55.37 1.61 0.00	52.88 1.54 0.00	46.36 1.53 0.00	43.90 1.65 0.00	40.40 1.48 0.00
SENECA OSWGO___HYD 24041	43.44 -1.62 0.00	41.08 -1.53 0.00	39.64 -1.44 0.00	41.14 -1.49 0.00	41.13 -1.49 0.00	43.05 -1.43 0.00	50.13 -1.60 0.00	52.75 -1.69 0.00	52.85 -1.75 0.00	53.31 -1.64 -0.08	52.75 -1.80 0.00	52.58 -1.74 0.00	51.90 -1.72 0.00	52.20 -1.67 0.00	51.46 -1.70 0.00	52.69 -1.80 0.00	52.96 -1.75 0.00	54.21 -1.49 -0.49	53.65 -1.60 -0.20	52.04 -1.72 0.00	49.75 -1.59 0.00	43.45 -1.39 0.00	40.86 -1.39 0.00	37.68 -1.25 0.00
SENECA___115KV_TB3 355854	41.64 -3.42 0.00	39.55 -3.07 0.00	38.25 -2.83 0.00	39.87 -2.77 0.00	39.93 -2.68 0.00	41.77 -2.71 0.00	48.32 -3.41 0.00	49.43 -5.01 0.00	49.24 -5.35 0.01	49.37 -5.38 0.12	48.92 -5.62 0.01	48.61 -5.70 0.01	48.09 -5.52 0.01	48.20 -5.66 0.01	47.52 -5.64 0.01	48.16 -6.32 0.01	46.13 -6.07 2.50	47.57 -5.35 2.28	40.66 -5.61 8.77	40.48 -5.59 7.69	34.63 -5.24 11.48	39.89 -4.93 0.01	37.94 -4.31 0.00	35.77 -3.15 0.00
SENECA___ENERGY 23797	43.57 -1.49 0.00	41.29 -1.32 0.00	39.85 -1.23 0.00	41.40 -1.24 0.00	41.47 -1.15 0.00	43.46 -1.02 0.00	50.59 -1.14 0.00	53.08 -1.36 0.00	53.72 -0.88 0.00	53.47 -1.59 -0.19	52.75 -1.80 0.00	52.53 -1.79 0.00	51.80 -1.82 0.00	52.09 -1.78 0.00	51.36 -1.81 0.00	52.48 -2.02 0.00	53.33 -1.92 -0.54	55.29 -1.44 -1.52	55.71 -1.60 -2.27	53.61 -1.77 -1.62	52.02 -1.75 -2.42	43.32 -1.52 0.00	40.74 -1.52 0.00	37.68 -1.25 0.00
SHOEMAKER___GT 23640	46.77 1.71 0.00	44.11 1.49 0.00	42.56 1.48 0.00	44.09 1.45 0.00	44.07 1.45 0.00	45.94 1.47 0.00	53.59 1.86 0.00	56.56 2.12 0.00	57.06 2.46 0.00	58.49 2.69 -0.93	56.94 2.40 0.00	56.71 2.39 0.00	55.92 2.30 0.00	56.13 2.26 0.00	55.50 2.34 0.00	57.00 2.51 0.00	57.55 2.84 0.00	64.45 3.42 -5.82	60.60 3.19 -2.36	56.66 2.90 0.00	54.06 2.72 0.00	46.99 2.15 0.00	44.28 2.03 0.00	40.68 1.75 0.00
SHOEMAKR_138KV_BK 111 55601	46.77 1.71 0.00	44.11 1.49 0.00	42.52 1.44 0.00	44.09 1.45 0.00	44.02 1.41 0.00	45.95 1.47 0.00	53.49 1.76 0.00	56.72 2.29 0.00	57.22 2.62 0.00	58.70 2.91 -0.92	56.95 2.40 0.00	56.60 2.28 0.00	55.82 2.20 0.00	56.08 2.21 0.00	55.40 2.23 0.00	57.00 2.51 0.00	57.44 2.74 0.00	64.20 3.20 -5.79	60.42 3.03 -2.35	56.45 2.69 0.00	53.91 2.57 0.00	46.99 2.15 0.00	44.28 2.03 0.00	40.72 1.79 0.00
SHOREHAM_IC_1 23715	52.89 5.00 -2.83	48.18 4.39 -1.18	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.66 5.43 -2.50	62.36 5.44 -2.48	62.97 6.11 -2.26	64.72 6.47 -3.38	64.86 5.35 -4.97	66.88 4.83 -7.73	64.05 5.15 -5.28	64.91 5.39 -5.66	64.23 5.74 -5.32	66.27 6.05 -5.73	76.10 6.56 -14.83	78.98 7.40 -16.38	76.02 6.94 -14.04	65.16 6.56 -4.84	59.68 6.26 -2.07	55.11 5.29 -4.98	50.87 4.56 -4.05	43.08 4.01 -0.14
SHOREHAM_IC_2 23716	52.89 5.00 -2.83	48.18 4.39 -1.18	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.66 5.43 -2.50	62.36 5.44 -2.48	62.97 6.11 -2.26	64.72 6.47 -3.38	64.86 5.35 -4.97	66.88 4.83 -7.73	64.05 5.15 -5.28	64.91 5.39 -5.66	64.23 5.74 -5.32	66.27 6.05 -5.73	76.10 6.56 -14.83	78.98 7.40 -16.38	76.02 6.94 -14.04	65.16 6.56 -4.84	59.68 6.26 -2.07	55.11 5.29 -4.98	50.87 4.56 -4.05	43.08 4.01 -0.14
SISSONVILLE___ 23735	44.52 -0.54 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.49 1.76 0.00	56.83 2.40 0.00	56.40 1.80 0.00	56.44 1.54 -0.03	56.13 1.58 0.00	56.17 1.85 0.00	55.23 1.61 0.00	55.70 1.83 0.00	54.92 1.75 0.00	56.29 1.80 0.00	56.30 1.59 0.00	56.89 1.49 -0.19	56.17 1.05 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.09 -0.17 0.00	38.50 -0.43 0.00
SITHE_IND_GS1 24169	43.08 -1.98 0.00	40.74 -1.87 0.00	39.32 -1.77 0.00	40.81 -1.83 0.00	40.79 -1.83 0.00	42.65 -1.83 0.00	49.56 -2.17 0.00	52.15 -2.28 0.00	52.25 -2.35 0.00	52.63 -2.30 -0.06	52.20 -2.34 0.00	51.99 -2.33 0.00	51.32 -2.30 0.00	51.55 -2.31 0.00	50.88 -2.28 0.00	52.09 -2.40 0.00	52.25 -2.46 0.00	53.33 -2.27 -0.39	52.89 -2.31 -0.16	51.40 -2.36 0.00	49.09 -2.26 0.00	42.91 -1.93 0.00	40.44 -1.82 0.00	37.29 -1.63 0.00
SITHE_IND_GS2 24170	43.08 -1.98 0.00	40.74 -1.87 0.00	39.32 -1.77 0.00	40.81 -1.83 0.00	40.79 -1.83 0.00	42.65 -1.83 0.00	49.56 -2.17 0.00	52.15 -2.28 0.00	52.25 -2.35 0.00	52.63 -2.30 -0.06	52.20 -2.34 0.00	51.99 -2.33 0.00	51.32 -2.30 0.00	51.55 -2.31 0.00	50.88 -2.28 0.00	52.09 -2.40 0.00	52.25 -2.46 0.00	53.33 -2.27 -0.39	52.89 -2.31 -0.16	51.40 -2.36 0.00	49.09 -2.26 0.00	42.91 -1.93 0.00	40.44 -1.82 0.00	37.29 -1.63 0.00
SITHE_IND_GS3 24171	43.08 -1.98 0.00	40.74 -1.87 0.00	39.32 -1.77 0.00	40.81 -1.83 0.00	40.79 -1.83 0.00	42.65 -1.83 0.00	49.56 -2.17 0.00	52.15 -2.28 0.00	52.25 -2.35 0.00	52.63 -2.30 -0.06	52.20 -2.34 0.00	51.99 -2.33 0.00	51.32 -2.30 0.00	51.55 -2.31 0.00	50.88 -2.28 0.00	52.09 -2.40 0.00	52.25 -2.46 0.00	53.33 -2.27 -0.39	52.89 -2.31 -0.16	51.40 -2.36 0.00	49.09 -2.26 0.00	42.91 -1.93 0.00	40.44 -1.82 0.00	37.29 -1.63 0.00
SITHE_IND_GS4 24172	43.08 -1.98 0.00	40.74 -1.87 0.00	39.32 -1.77 0.00	40.81 -1.83 0.00	40.79 -1.83 0.00	42.65 -1.83 0.00	49.56 -2.17 0.00	52.15 -2.28 0.00	52.25 -2.35 0.00	52.63 -2.30 -0.06	52.20 -2.34 0.00	51.99 -2.33 0.00	51.32 -2.30 0.00	51.55 -2.31 0.00	50.88 -2.28 0.00	52.09 -2.40 0.00	52.25 -2.46 0.00	53.33 -2.27 -0.39	52.89 -2.31 -0.16	51.40 -2.36 0.00	49.09 -2.26 0.00	42.91 -1.93 0.00	40.44 -1.82 0.00	37.29 -1.63 0.00

SITHE___BATAVIA 24024	41.86 -3.20 0.00	39.85 -2.77 0.00	38.53 -2.55 0.00	40.08 -2.56 0.00	40.19 -2.43 0.00	42.03 -2.45 0.00	48.83 -2.90 0.00	50.57 -3.86 0.00	50.34 -4.26 0.00	50.58 -4.28 0.01	49.96 -4.58 0.00	49.75 -4.56 0.00	49.01 -4.61 0.00	49.39 -4.47 0.01	48.48 -4.68 0.01	49.42 -5.07 0.00	48.32 -5.09 1.30	49.96 -4.42 0.83	46.23 -4.51 4.30	45.40 -4.46 3.90	41.21 -4.31 5.82	41.11 -3.72 0.01	38.92 -3.34 0.00	36.55 -2.38 0.00
SITHE___INDEPEND 23800	43.08 -1.98 0.00	40.74 -1.88 0.00	39.32 -1.77 0.00	40.80 -1.83 0.00	40.79 -1.83 0.00	42.66 -1.82 0.00	49.56 -2.17 0.00	52.20 -2.23 0.00	52.31 -2.29 0.00	52.68 -2.25 -0.06	52.20 -2.35 0.00	51.98 -2.34 0.00	51.31 -2.31 0.00	51.50 -2.37 0.00	50.88 -2.29 0.00	52.04 -2.45 0.00	52.25 -2.46 0.00	53.33 -2.26 -0.39	52.89 -2.31 -0.16	51.40 -2.37 0.00	49.09 -2.26 0.00	42.91 -1.93 0.00	40.44 -1.82 0.00	37.29 -1.63 0.00
SITHE___MASSENA 23902	45.56 0.50 0.00	43.21 0.60 0.00	41.61 0.53 0.00	43.23 0.60 0.00	43.09 0.47 0.00	44.92 0.44 0.00	52.35 0.62 0.00	55.04 0.60 0.00	55.03 0.43 0.00	54.93 0.05 0.00	54.98 0.43 0.00	54.81 0.49 0.00	54.16 0.54 0.00	54.46 0.59 0.00	53.69 0.53 0.00	55.04 0.54 0.00	54.87 0.16 0.00	54.76 -0.44 0.00	54.77 -0.27 0.00	53.76 0.00 0.00	51.34 0.00 0.00	44.75 -0.09 0.00	42.13 -0.13 0.00	38.85 -0.08 0.00
SITHE___OGDNSBRG 24021	46.01 0.95 0.00	43.51 0.89 0.00	42.11 1.03 0.00	43.87 1.24 0.00	44.37 1.75 0.00	46.88 2.40 0.00	55.45 3.72 0.00	59.17 4.74 0.00	58.53 3.93 0.00	58.58 3.68 -0.03	58.09 3.55 0.00	58.07 3.75 0.00	57.00 3.38 0.00	57.53 3.66 0.00	56.78 3.62 0.00	58.25 3.76 0.00	58.48 3.77 0.00	59.15 3.75 -0.19	58.37 3.25 -0.08	57.58 3.82 0.00	55.09 3.75 0.00	47.08 2.24 0.00	43.44 1.18 0.00	39.74 0.82 0.00
SITHE___STERLING 23777	45.83 0.77 0.00	43.29 0.68 0.00	41.82 0.74 0.00	43.36 0.72 0.00	43.39 0.77 0.00	45.50 1.02 0.00	53.07 1.34 0.00	56.07 1.63 0.00	56.18 1.58 0.00	56.58 1.64 -0.06	55.96 1.42 0.00	55.79 1.47 0.00	54.96 1.34 0.00	55.21 1.35 0.00	54.54 1.38 0.00	55.91 1.41 0.00	56.19 1.48 0.00	57.36 1.77 -0.39	56.74 1.54 -0.16	55.26 1.50 0.00	52.83 1.49 0.00	45.96 1.12 0.00	43.10 0.84 0.00	39.70 0.78 0.00
SLEIGHT__34_KV_TB1 80719	42.99 -2.07 0.00	40.70 -1.92 0.00	39.27 -1.81 0.00	40.76 -1.88 0.00	40.83 -1.79 0.00	42.79 -1.69 0.00	49.76 -1.97 0.00	52.20 -2.23 0.00	52.47 -2.13 0.00	52.64 -2.36 -0.13	51.98 -2.56 0.00	51.71 -2.61 0.00	51.10 -2.52 0.00	51.28 -2.59 0.00	50.61 -2.55 0.00	51.49 -3.00 0.00	51.64 -3.06 0.00	53.31 -2.65 -0.75	52.60 -2.75 -0.31	50.91 -2.85 0.00	48.57 -2.77 0.00	42.60 -2.24 0.00	40.10 -2.15 0.00	37.10 -1.83 0.00
SOUTH CAIRO___GT 23612	48.08 3.02 0.00	45.68 3.07 0.00	43.96 2.88 0.00	45.58 2.94 0.00	45.56 2.94 0.00	47.59 3.11 0.00	56.02 4.29 0.00	58.85 4.41 0.00	59.30 4.70 0.00	59.96 3.84 -1.25	58.31 3.76 0.00	58.01 3.69 0.00	57.21 3.59 0.00	57.53 3.66 0.00	56.88 3.72 0.00	58.80 4.30 0.00	59.41 4.70 0.00	66.96 3.92 -7.83	62.30 4.07 -3.18	57.85 4.09 0.00	55.04 3.70 0.00	47.62 2.78 0.00	45.17 2.92 0.00	41.61 2.69 0.00
SOUTH HAMPTN___IC 23720	53.21 5.36 -2.79	48.51 4.73 -1.16	45.43 4.35 0.00	46.94 4.30 0.00	46.96 4.35 0.00	48.88 4.40 0.00	59.94 5.74 -2.47	62.71 5.83 -2.45	63.27 6.44 -2.23	65.02 6.80 -3.35	65.21 5.73 -4.94	67.28 5.27 -7.69	64.40 5.52 -5.26	65.27 5.77 -5.64	64.47 6.01 -5.30	66.51 6.32 -5.70	76.30 6.78 -14.81	79.23 7.67 -16.36	76.22 7.15 -14.03	65.30 6.72 -4.82	59.81 6.42 -2.04	55.22 5.42 -4.96	50.91 4.65 -4.00	43.19 4.12 -0.14
SOUTHDOW_115KV_TB1 355954	42.31 -2.75 0.00	40.23 -2.39 0.00	38.99 -2.10 0.00	40.72 -1.92 0.00	40.83 -1.79 0.00	42.83 -1.65 0.00	49.82 -1.91 0.00	51.17 -3.27 0.00	50.77 -3.82 0.01	51.04 -3.84 -0.01	50.45 -4.09 0.01	49.86 -4.45 0.01	49.22 -4.40 0.01	49.44 -4.42 0.01	48.42 -4.73 0.01	49.04 -5.45 0.01	48.22 -5.03 1.46	50.98 -3.42 0.81	45.35 -4.73 4.96	44.55 -4.68 4.53	40.17 -4.42 6.76	40.08 -4.75 0.01	38.16 -4.10 0.00	36.16 -2.76 0.00
SOUTHOLD_69_KV_BK 2 55809	53.67 5.81 -2.80	48.98 5.20 -1.17	45.84 4.77 0.00	47.32 4.69 0.00	47.34 4.73 0.00	49.19 4.71 0.00	60.15 5.95 -2.47	63.52 6.64 -2.45	63.93 7.10 -2.23	65.68 7.46 -3.35	65.38 5.89 -4.94	67.39 5.38 -7.70	64.45 5.58 -5.26	65.38 5.87 -5.64	64.47 6.01 -5.30	66.57 6.38 -5.71	76.36 6.84 -14.81	79.24 7.67 -16.36	76.34 7.27 -14.03	65.25 6.67 -4.82	59.76 6.37 -2.04	55.22 5.43 -4.96	50.87 4.61 -4.01	43.31 4.24 -0.14
SOUTHOLD___IC 23719	53.71 5.86 -2.80	48.98 5.20 -1.17	45.84 4.76 0.00	47.32 4.69 0.00	47.34 4.73 0.00	49.19 4.71 0.00	60.35 6.15 -2.47	63.09 6.20 -2.45	63.66 6.82 -2.23	65.41 7.19 -3.35	65.43 5.95 -4.94	67.56 5.54 -7.70	64.62 5.74 -5.26	65.49 5.98 -5.64	64.68 6.22 -5.30	66.68 6.48 -5.71	76.53 7.00 -14.81	79.52 7.95 -16.36	76.45 7.38 -14.03	65.46 6.88 -4.82	59.91 6.52 -2.04	55.22 5.42 -4.96	50.87 4.61 -4.01	43.27 4.21 -0.14
SOUTH_FORK_WT_PWR 323839	53.62 5.77 -2.79	48.89 5.11 -1.16	45.76 4.68 0.00	47.24 4.61 0.00	47.18 4.56 0.00	49.01 4.54 0.00	60.09 5.90 -2.47	62.76 5.88 -2.45	63.33 6.49 -2.23	65.08 6.86 -3.35	64.94 5.45 -4.94	67.07 5.05 -7.69	64.13 5.26 -5.26	65.06 5.55 -5.64	64.26 5.80 -5.30	66.19 5.99 -5.70	76.03 6.51 -14.81	79.01 7.45 -16.36	75.89 6.82 -14.03	64.92 6.34 -4.82	59.39 6.00 -2.04	54.77 4.98 -4.96	50.44 4.18 -4.00	42.96 3.89 -0.14
SPIERFLS_115KV_TB 1 80737	46.46 1.40 0.00	44.02 1.41 0.00	42.40 1.31 0.00	43.79 1.15 0.00	43.85 1.24 0.00	46.26 1.78 0.00	54.06 2.33 0.00	57.43 2.99 0.00	58.26 3.66 0.00	60.03 3.79 -1.37	57.76 3.22 0.00	57.42 3.10 0.00	56.62 3.00 0.00	56.40 2.53 0.00	55.66 2.50 0.00	57.22 2.72 0.00	57.50 2.79 0.00	66.76 2.93 -8.63	61.68 3.14 -3.50	56.40 2.63 0.00	53.81 2.46 0.00	46.81 1.97 0.00	44.07 1.82 0.00	40.44 1.52 0.00
ST LAWRENCE____ 23600	45.15 0.09 0.00	42.79 0.17 0.00	41.21 0.12 0.00	42.81 0.17 0.00	42.70 0.09 0.00	44.52 0.04 0.00	51.89 0.16 0.00	54.55 0.11 0.00	54.49 -0.11 0.00	54.43 -0.44 0.00	54.49 -0.05 0.00	54.32 0.00 0.00	53.67 0.05 0.00	53.97 0.11 0.00	53.16 0.00 0.00	54.49 0.00 0.00	54.44 -0.27 0.00	54.32 -0.89 0.00	54.33 -0.72 0.00	53.33 -0.43 0.00	50.93 -0.41 0.00	44.44 -0.40 0.00	41.83 -0.42 0.00	38.54 -0.39 0.00
STATE_CA_115KV_115_LB 55624	46.91 1.85 0.00	44.36 1.75 0.00	42.81 1.73 0.00	44.30 1.66 0.00	44.32 1.70 0.00	46.30 1.82 0.00	53.54 1.81 0.00	56.50 2.07 0.00	57.00 2.40 0.00	58.69 2.47 -1.35	56.56 2.02 0.00	56.33 2.01 0.00	55.60 1.98 0.00	55.86 1.99 0.00	55.18 2.02 0.00	56.67 2.18 0.00	57.01 2.30 0.00	66.06 2.37 -8.48	60.91 2.42 -3.44	55.97 2.20 0.00	53.35 2.00 0.00	46.68 1.84 0.00	44.28 2.03 0.00	40.75 1.83 0.00

STATE_ST_34_KV_LOAD 55959	44.34 -0.72 0.00	41.89 -0.72 0.00	40.42 -0.66 0.00	41.96 -0.68 0.00	41.98 -0.64 0.00	44.03 -0.44 0.00	51.32 -0.41 0.00	54.06 -0.38 0.00	54.98 0.38 0.00	54.46 -0.55 -0.13	53.78 -0.76 0.00	53.50 -0.81 0.00	52.82 -0.80 0.00	53.01 -0.86 0.00	52.31 -0.85 0.00	53.51 -0.98 0.00	53.83 -0.88 0.00	55.52 -0.44 -0.76	54.80 -0.55 -0.31	53.06 -0.70 0.00	50.68 -0.67 0.00	44.17 -0.67 0.00	41.49 -0.76 0.00	38.26 -0.66 0.00
STATION 5_MISC_HYD 23604	42.36 -2.70 0.00	40.23 -2.39 0.00	38.82 -2.26 0.00	40.33 -2.30 0.00	40.45 -2.17 0.00	42.26 -2.22 0.00	49.09 -2.64 0.00	51.11 -3.32 0.00	51.05 -3.55 0.00	51.49 -3.51 -0.13	50.83 -3.71 0.00	50.62 -3.70 0.00	49.97 -3.65 0.00	50.26 -3.61 0.00	49.44 -3.72 0.00	50.40 -4.09 0.00	50.28 -4.43 0.00	52.08 -3.92 -0.79	51.35 -4.02 -0.32	49.67 -4.09 0.00	47.39 -3.95 0.00	41.79 -3.05 0.00	39.46 -2.79 0.00	36.75 -2.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.30 -1.76 0.00	41.04 -1.58 0.00	39.60 -1.48 0.00	41.15 -1.49 0.00	41.21 -1.41 0.00	43.19 -1.29 0.00	50.23 -1.50 0.00	52.64 -1.80 0.00	52.91 -1.69 0.00	52.97 -2.03 -0.13	52.25 -2.29 0.00	51.98 -2.34 0.00	51.37 -2.25 0.00	51.50 -2.37 0.00	50.88 -2.29 0.00	51.71 -2.78 0.00	51.97 -2.74 0.00	53.72 -2.26 -0.78	52.99 -2.37 -0.32	51.29 -2.47 0.00	48.93 -2.41 0.00	42.91 -1.93 0.00	40.40 -1.86 0.00	37.41 -1.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.36 -2.70 0.00	40.10 -2.51 0.00	38.70 -2.38 0.00	40.21 -2.43 0.00	40.32 -2.30 0.00	42.12 -2.36 0.00	48.94 -2.79 0.00	51.06 -3.38 0.00	51.11 -3.49 0.00	51.43 -3.57 -0.13	50.78 -3.76 0.00	50.52 -3.80 0.00	49.92 -3.70 0.00	49.99 -3.88 0.00	49.39 -3.77 0.00	50.13 -4.36 0.00	50.22 -4.49 0.00	51.96 -4.03 -0.78	51.29 -4.07 -0.32	49.68 -4.09 0.00	47.39 -3.95 0.00	41.75 -3.09 0.00	39.42 -2.83 0.00	36.55 -2.37 0.00
STA_56___34_KV_BUS2 355983	42.36 -2.70 0.00	40.10 -2.51 0.00	38.70 -2.38 0.00	40.21 -2.43 0.00	40.32 -2.30 0.00	42.12 -2.36 0.00	48.94 -2.79 0.00	51.06 -3.38 0.00	51.11 -3.49 0.00	51.43 -3.57 -0.13	50.78 -3.76 0.00	50.52 -3.80 0.00	49.92 -3.70 0.00	49.99 -3.88 0.00	49.39 -3.77 0.00	50.13 -4.36 0.00	50.22 -4.49 0.00	51.96 -4.03 -0.78	51.29 -4.07 -0.32	49.68 -4.09 0.00	47.39 -3.95 0.00	41.75 -3.09 0.00	39.42 -2.83 0.00	36.55 -2.37 0.00
STA_67___115KV_BK2 355882	42.40 -2.66 0.00	40.14 -2.47 0.00	38.78 -2.30 0.00	40.29 -2.35 0.00	40.36 -2.26 0.00	42.17 -2.31 0.00	48.94 -2.79 0.00	51.01 -3.43 0.00	51.00 -3.60 0.00	51.33 -3.68 -0.13	50.67 -3.87 0.00	50.41 -3.91 0.00	49.81 -3.81 0.00	49.88 -3.99 0.00	49.28 -3.88 0.00	50.02 -4.47 0.00	50.11 -4.60 0.00	51.85 -4.14 -0.79	51.18 -4.18 -0.32	49.57 -4.19 0.00	47.29 -4.06 0.00	41.70 -3.14 0.00	39.38 -2.87 0.00	36.55 -2.37 0.00
STA_7___115KV_9TRANS 80674	42.63 -2.43 0.00	40.40 -2.22 0.00	38.99 -2.10 0.00	40.51 -2.13 0.00	40.61 -2.00 0.00	42.48 -2.00 0.00	49.30 -2.43 0.00	51.44 -2.99 0.00	51.43 -3.17 0.00	51.76 -3.24 -0.13	51.11 -3.44 0.00	50.84 -3.48 0.00	50.19 -3.43 0.00	50.31 -3.56 0.00	49.71 -3.46 0.00	50.40 -4.09 0.00	50.55 -4.16 0.00	52.30 -3.70 -0.79	51.62 -3.74 -0.32	50.00 -3.76 0.00	47.70 -3.65 0.00	42.01 -2.82 0.00	39.68 -2.58 0.00	36.78 -2.14 0.00
STA_82___115KV_TB1 80780	42.40 -2.66 0.00	40.14 -2.47 0.00	38.78 -2.30 0.00	40.29 -2.35 0.00	40.36 -2.26 0.00	42.21 -2.27 0.00	48.94 -2.79 0.00	51.06 -3.38 0.00	51.05 -3.55 0.00	51.33 -3.68 -0.13	50.67 -3.87 0.00	50.41 -3.91 0.00	49.81 -3.81 0.00	49.93 -3.93 0.00	49.34 -3.83 0.00	50.02 -4.47 0.00	50.11 -4.60 0.00	51.86 -4.14 -0.79	51.18 -4.18 -0.32	49.57 -4.19 0.00	47.29 -4.06 0.00	41.75 -3.09 0.00	39.42 -2.83 0.00	36.59 -2.34 0.00
STEEL___WIND 323596	41.45 -3.61 0.00	39.46 -3.15 0.00	38.20 -2.88 0.00	39.82 -2.82 0.00	39.89 -2.73 0.00	41.72 -2.76 0.00	48.31 -3.42 0.00	49.32 -5.12 0.00	49.08 -5.51 0.01	49.31 -5.43 0.13	48.87 -5.67 0.01	48.66 -5.65 0.01	47.98 -5.63 0.01	48.31 -5.55 0.01	47.41 -5.74 0.01	48.33 -6.16 0.01	46.08 -6.13 2.50	47.62 -5.30 2.28	40.60 -5.67 8.77	40.37 -5.70 7.69	34.52 -5.34 11.48	39.81 -5.02 0.01	37.86 -4.40 0.00	35.89 -3.04 0.00
STEPHTWN_115KV_BK_2 55603	47.22 2.16 0.00	44.70 2.09 0.00	43.09 2.01 0.00	44.60 1.96 0.00	44.62 2.00 0.00	46.70 2.22 0.00	54.06 2.33 0.00	56.99 2.56 0.00	57.55 2.95 0.00	59.17 2.96 -1.33	57.05 2.51 0.00	56.76 2.44 0.00	56.03 2.41 0.00	56.29 2.42 0.00	55.61 2.45 0.00	57.16 2.67 0.00	57.50 2.79 0.00	66.47 2.87 -8.39	61.42 2.97 -3.41	56.50 2.74 0.00	53.86 2.52 0.00	47.08 2.24 0.00	44.62 2.37 0.00	41.07 2.14 0.00
STEUBEN_REC_LFGE 323667	42.72 -2.34 0.00	40.65 -1.96 0.00	39.44 -1.64 0.00	41.15 -1.49 0.00	41.30 -1.32 0.00	43.46 -1.02 0.00	50.54 -1.19 0.00	52.42 -2.01 0.00	52.09 -2.51 0.00	52.79 -2.96 -0.88	51.27 -3.27 0.00	51.11 -3.20 0.00	50.56 -3.06 0.00	50.76 -3.12 -0.01	49.93 -3.24 -0.01	50.57 -3.92 0.00	56.74 -3.56 -5.59	61.24 -2.93 -8.96	72.52 -3.25 -20.72	67.03 -3.55 -16.82	73.06 -3.39 -25.10	41.24 -3.63 -0.03	38.66 -3.59 0.00	36.12 -2.80 0.00
STILLWATER___SOLAR 323814	47.13 2.07 0.00	44.62 2.00 0.00	42.97 1.89 0.00	44.47 1.83 0.00	44.49 1.87 0.00	46.83 2.36 0.00	54.63 2.90 0.00	57.59 3.16 0.00	58.20 3.60 0.00	59.97 3.73 -1.36	57.87 3.33 0.00	57.58 3.26 0.00	56.78 3.16 0.00	56.83 2.96 0.00	56.14 2.98 0.00	57.70 3.21 0.00	58.10 3.39 0.00	67.47 3.70 -8.57	62.21 3.69 -3.48	57.04 3.28 0.00	54.37 3.03 0.00	47.39 2.55 0.00	44.70 2.45 0.00	41.06 2.14 0.00
STONY___BROOK 24151	52.60 4.64 -2.89	47.91 4.09 -1.21	44.85 3.78 0.00	46.34 3.71 0.00	46.41 3.79 0.00	48.39 3.92 0.00	59.46 5.17 -2.56	62.20 5.23 -2.53	62.86 5.95 -2.31	64.61 6.31 -3.43	65.13 5.57 -5.01	67.48 5.38 -7.79	64.35 5.41 -5.32	65.01 5.44 -5.70	64.16 5.63 -5.36	66.15 5.89 -5.77	75.87 6.29 -14.87	78.74 7.12 -16.41	75.83 6.71 -14.07	64.93 6.29 -4.88	59.52 6.06 -2.12	55.02 5.15 -5.02	50.97 4.56 -4.15	43.04 3.97 -0.14
STURGEON_POOL_HYD 23609	48.17 3.11 0.00	45.47 2.86 0.00	43.79 2.71 0.00	45.41 2.77 0.00	45.30 2.68 0.00	47.28 2.80 0.00	55.30 3.57 0.00	58.63 4.19 0.00	59.24 4.64 0.00	60.91 4.99 -1.05	58.85 4.31 0.00	58.50 4.18 0.00	57.64 4.02 0.00	57.91 4.04 0.00	57.20 4.04 0.00	58.96 4.47 0.00	59.58 4.87 0.00	67.30 5.52 -6.58	63.11 5.39 -2.67	58.60 4.84 0.00	55.91 4.57 0.00	48.38 3.54 0.00	45.59 3.34 0.00	41.77 2.84 0.00
ST_LAW_115_BK7_LBMP 345037	45.15 0.09 0.00	42.79 0.17 0.00	41.21 0.12 0.00	42.81 0.17 0.00	42.70 0.09 0.00	44.52 0.04 0.00	51.89 0.16 0.00	54.55 0.11 0.00	54.49 -0.11 0.00	54.43 -0.44 0.00	54.49 -0.05 0.00	54.32 0.00 0.00	53.67 0.05 0.00	53.97 0.11 0.00	53.16 0.00 0.00	54.49 0.00 0.00	54.44 -0.27 0.00	54.32 -0.89 0.00	54.33 -0.72 0.00	53.33 -0.43 0.00	50.93 -0.41 0.00	44.39 -0.45 0.00	41.83 -0.42 0.00	38.54 -0.39 0.00

ST_LAW_115_BK8_LBMP 345038	45.15 0.09 0.00	42.79 0.17 0.00	41.21 0.12 0.00	42.81 0.17 0.00	42.70 0.09 0.00	44.52 0.04 0.00	51.89 0.16 0.00	54.55 0.11 0.00	54.49 -0.11 0.00	54.43 -0.44 0.00	54.49 -0.05 0.00	54.32 0.00 0.00	53.67 0.05 0.00	53.97 0.11 0.00	53.16 0.00 0.00	54.49 0.00 0.00	54.44 -0.27 0.00	54.32 -0.89 0.00	54.33 -0.72 0.00	53.33 -0.43 0.00	50.93 -0.41 0.00	44.39 -0.45 0.00	41.83 -0.42 0.00	38.54 -0.39 0.00
ST_LAW_230_BK5_LBMP 345035	45.15 0.09 0.00	42.79 0.17 0.00	41.21 0.12 0.00	42.81 0.17 0.00	42.70 0.09 0.00	44.52 0.04 0.00	51.89 0.16 0.00	54.55 0.11 0.00	54.49 -0.11 0.00	54.43 -0.44 0.00	54.49 -0.05 0.00	54.32 0.00 0.00	53.67 0.05 0.00	53.97 0.11 0.00	53.16 0.00 0.00	54.49 0.00 0.00	54.44 -0.27 0.00	54.32 -0.89 0.00	54.33 -0.72 0.00	53.33 -0.43 0.00	50.93 -0.41 0.00	44.44 -0.40 0.00	41.83 -0.42 0.00	38.54 -0.39 0.00
ST_LAW_230_BK6_LBMP 345036	45.15 0.09 0.00	42.79 0.17 0.00	41.21 0.12 0.00	42.81 0.17 0.00	42.70 0.09 0.00	44.52 0.04 0.00	51.89 0.16 0.00	54.55 0.11 0.00	54.49 -0.11 0.00	54.43 -0.44 0.00	54.49 -0.05 0.00	54.32 0.00 0.00	53.67 0.05 0.00	53.97 0.11 0.00	53.16 0.00 0.00	54.49 0.00 0.00	54.44 -0.27 0.00	54.32 -0.89 0.00	54.33 -0.72 0.00	53.33 -0.43 0.00	50.93 -0.41 0.00	44.44 -0.40 0.00	41.83 -0.42 0.00	38.54 -0.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.95 1.89 0.00	44.23 1.62 0.00	42.68 1.60 0.00	44.22 1.58 0.00	44.15 1.53 0.00	46.08 1.60 0.00	53.64 1.91 0.00	56.94 2.50 0.00	57.49 2.89 0.00	59.05 3.24 -0.94	57.16 2.62 0.00	56.87 2.55 0.00	56.09 2.47 0.00	56.34 2.48 0.00	55.61 2.45 0.00	57.22 2.72 0.00	57.72 3.01 -5.93	64.67 3.53 -2.41	60.81 3.36 0.00	56.72 2.96 0.00	54.17 2.82 0.00	47.26 2.42 0.00	44.49 2.24 0.00	40.87 1.95 0.00
SWANROAD_115KV_TB1 355699	40.15 -4.91 0.00	38.10 -4.52 0.00	36.85 -4.23 0.00	38.33 -4.31 0.00	38.44 -4.18 0.00	40.12 -4.36 0.00	46.30 -5.43 0.00	47.20 -7.24 0.00	46.95 -7.64 0.01	47.07 -7.74 0.07	46.63 -7.91 0.01	46.38 -7.93 0.01	45.89 -7.72 0.01	45.94 -7.92 0.01	45.39 -7.76 0.01	45.88 -8.61 0.01	44.54 -8.26 1.91	45.96 -7.67 1.57	40.92 -7.71 6.42	40.48 -7.58 5.70	35.76 -7.09 8.50	38.51 -6.32 0.01	36.68 -5.58 0.00	34.53 -4.40 0.00
SYNERGY___BIOGAS 323694	41.86 -3.20 0.00	39.85 -2.77 0.00	38.53 -2.55 0.00	40.08 -2.56 0.00	40.19 -2.43 0.00	42.03 -2.45 0.00	48.83 -2.90 0.00	50.57 -3.86 0.00	50.34 -4.26 0.00	50.58 -4.28 0.01	49.96 -4.58 0.00	49.75 -4.56 0.00	49.01 -4.61 0.00	49.39 -4.68 0.01	48.48 -5.07 0.01	49.42 -5.09 1.30	48.32 -4.42 0.83	49.96 -4.42 4.30	46.23 -4.51 3.90	45.40 -4.46 3.90	41.21 -4.31 5.82	41.11 -3.72 0.01	38.92 -3.34 0.00	36.55 -2.38 0.00
SYRACUSE___ENERGY_ST1 323597	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.81 -0.81 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.67 -0.76 0.00	54.44 -0.16 0.00	54.16 -0.82 -0.11	53.56 -0.98 0.00	53.29 -1.03 0.00	52.65 -0.97 0.00	52.84 -1.02 0.00	52.21 -0.96 0.00	53.35 -1.14 0.00	53.62 -1.09 0.00	55.03 -0.77 -0.60	54.35 -0.94 -0.24	52.74 -1.02 0.00	50.37 -0.98 0.00	43.99 -0.85 0.00	41.37 -0.89 0.00	38.15 -0.78 0.00
SYRACUSE___ENERGY_ST2 323598	44.16 -0.90 0.00	41.76 -0.85 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.81 -0.81 0.00	43.72 -0.76 0.00	50.90 -0.83 0.00	53.67 -0.76 0.00	54.44 -0.16 0.00	54.16 -0.82 -0.11	53.56 -0.98 0.00	53.29 -1.03 0.00	52.65 -0.97 0.00	52.84 -1.02 0.00	52.21 -0.96 0.00	53.35 -1.14 0.00	53.62 -1.09 0.00	55.03 -0.77 -0.60	54.35 -0.94 -0.24	52.74 -1.02 0.00	50.37 -0.98 0.00	43.99 -0.85 0.00	41.37 -0.89 0.00	38.15 -0.78 0.00
SYRACUSE___POWER 24017	44.11 -0.95 0.00	41.72 -0.89 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.77 -0.85 0.00	43.72 -0.76 0.00	50.85 -0.88 0.00	53.62 -0.82 0.00	54.05 -0.55 0.00	54.28 -0.71 -0.12	53.67 -0.87 0.00	53.40 -0.92 0.00	52.76 -0.86 0.00	52.95 -0.92 0.00	52.26 -0.90 0.00	53.46 -1.04 0.00	53.78 -0.93 0.00	55.29 -0.61 -0.69	54.55 -0.77 -0.28	52.90 -0.86 0.00	50.52 -0.82 0.00	44.12 -0.72 0.00	41.49 -0.76 0.00	38.26 -0.66 0.00
TALLMAN___138KV_BK151 55660	47.09 2.03 0.00	44.36 1.75 0.00	42.81 1.73 0.00	44.30 1.66 0.00	44.28 1.66 0.00	46.21 1.73 0.00	53.75 2.02 0.00	57.10 2.67 0.00	57.71 3.11 0.00	59.32 3.46 -0.99	57.38 2.84 0.00	57.04 2.72 0.00	56.25 2.63 0.00	56.51 2.64 0.00	55.82 2.66 0.00	57.43 2.94 0.00	57.88 3.17 0.00	65.16 3.75 -6.20	61.14 3.58 -2.52	56.93 3.17 0.00	54.37 3.03 0.00	47.44 2.60 0.00	44.66 2.41 0.00	41.03 2.10 0.00
TEALLAVE_115KV_TB7 355573	43.89 -1.17 0.00	41.51 -1.11 0.00	40.05 -1.03 0.00	41.57 -1.07 0.00	41.60 -1.02 0.00	43.50 -0.98 0.00	50.59 -1.14 0.00	53.29 -1.14 0.00	53.67 -0.93 0.00	53.98 -0.99 -0.10	53.35 -1.20 0.00	53.12 -1.20 0.00	52.44 -1.18 0.00	52.68 -1.19 0.00	51.99 -1.17 0.00	53.18 -1.31 0.00	53.45 -1.26 0.00	54.79 -0.99 -0.58	54.18 -1.10 -0.24	52.53 -1.24 0.00	50.21 -1.13 0.00	43.90 -0.94 0.00	41.28 -0.97 0.00	38.07 -0.86 0.00
TELGRAPH_34_KV_EAST 80808	41.28 -3.79 0.00	39.16 -3.45 0.00	37.84 -3.25 0.00	39.40 -3.24 0.00	39.51 -3.11 0.00	41.28 -3.20 0.00	47.75 -3.98 0.00	49.37 -5.06 0.00	49.14 -5.46 0.00	49.30 -5.54 0.03	48.76 -5.78 0.00	48.45 -5.87 0.00	47.93 -5.68 0.00	47.99 -5.87 0.01	47.41 -5.74 0.01	47.95 -6.54 0.00	46.81 -6.35 1.55	48.33 -5.74 1.14	44.19 -5.67 5.19	43.52 -5.59 4.65	39.06 -5.34 6.94	40.17 -4.66 0.01	38.16 -4.10 0.00	35.77 -3.15 0.00
TEMPLE___115KV_TB 2 55572	43.93 -1.13 0.00	41.55 -1.07 0.00	40.05 -1.03 0.00	41.57 -1.07 0.00	41.60 -1.02 0.00	43.54 -0.93 0.00	50.59 -1.14 0.00	53.35 -1.09 0.00	53.67 -0.93 0.00	54.04 -0.93 -0.10	53.40 -1.15 0.00	53.18 -1.14 0.00	52.49 -1.13 0.00	52.74 -1.13 0.00	52.05 -1.12 0.00	53.24 -1.25 0.00	53.45 -1.26 0.00	54.86 -0.94 -0.59	54.24 -1.05 -0.24	52.58 -1.18 0.00	50.27 -1.08 0.00	43.90 -0.94 0.00	41.33 -0.93 0.00	38.11 -0.82 0.00
TIANA____69_KV_BK 1 55817	53.08 5.23 -2.80	48.43 4.65 -1.17	45.35 4.27 0.00	46.81 4.18 0.00	46.88 4.26 0.00	48.83 4.36 0.00	59.68 5.48 -2.47	63.09 6.21 -2.45	63.49 6.66 -2.23	65.24 7.02 -3.35	65.11 5.62 -4.94	67.07 5.05 -7.70	64.19 5.31 -5.26	65.11 5.60 -5.64	64.26 5.79 -5.30	66.41 6.21 -5.71	76.14 6.62 -14.81	79.02 7.45 -16.36	76.12 7.05 -14.03	65.09 6.51 -4.82	59.65 6.26 -2.04	55.22 5.43 -4.96	50.95 4.69 -4.01	43.23 4.17 -0.14
TILDEN___115KV_TB1 80814	44.11 -0.95 0.00	41.72 -0.89 0.00	40.26 -0.82 0.00	41.78 -0.85 0.00	41.77 -0.85 0.00	43.72 -0.76 0.00	50.85 -0.88 0.00	53.62 -0.82 0.00	54.05 -0.55 0.00	54.28 -0.71 -0.12	53.67 -0.87 0.00	53.40 -0.92 0.00	52.76 -0.86 0.00	52.95 -0.92 0.00	52.26 -0.90 0.00	53.46 -1.04 0.00	53.78 -0.93 0.00	55.29 -0.61 -0.69	54.55 -0.77 -0.28	52.90 -0.86 0.00	50.52 -0.82 0.00	44.12 -0.72 0.00	41.49 -0.76 0.00	38.26 -0.66 0.00

TRIGEN__CC 323695	70.51 3.42 -22.03	54.94 3.11 -9.21	44.02 2.92 -0.02	45.51 2.86 -0.02	45.49 2.86 -0.02	47.43 2.94 -0.02	74.82 3.62 -19.47	78.08 4.35 -19.29	77.00 4.80 -17.59	79.45 5.21 -19.36	77.70 4.31 -18.85	83.75 4.13 -25.30	75.04 4.08 -17.34	75.49 4.04 -17.58	74.69 4.04 -17.49	77.60 4.36 -18.75	86.01 4.65 -26.65	87.23 5.19 -26.83	82.59 4.95 -22.60	74.23 4.57 -15.90	71.99 4.52 -16.13	66.44 3.95 -17.65	77.51 3.72 -31.54	43.37 3.31 -1.14
TRINITY__115KV__ 4 BK 55933	46.82 1.76 0.00	44.28 1.66 0.00	42.68 1.60 0.00	44.26 1.62 0.00	44.24 1.62 0.00	46.21 1.73 0.00	53.44 1.71 0.00	56.34 1.91 0.00	56.84 2.24 0.00	58.51 2.30 -1.34	56.40 1.85 0.00	56.17 1.85 0.00	55.44 1.82 0.00	55.70 1.83 0.00	55.02 1.86 0.00	56.51 2.02 0.00	56.84 2.13 0.00	65.82 2.21 -8.41	60.71 2.26 -3.42	55.80 2.04 0.00	53.24 1.90 0.00	46.59 1.75 0.00	44.16 1.90 0.00	40.68 1.75 0.00
UNION__PROCESSING_DRP 323587	42.40 -2.66 0.00	40.19 -2.43 0.00	38.78 -2.30 0.00	40.29 -2.35 0.00	40.36 -2.26 0.00	42.21 -2.27 0.00	48.99 -2.74 0.00	51.06 -3.38 0.00	51.05 -3.55 0.00	51.33 -3.68 -0.13	50.73 -3.82 0.00	50.46 -3.86 0.00	49.87 -3.75 0.00	49.93 -3.93 0.00	49.34 -3.83 0.00	50.02 -4.47 0.00	50.11 -4.60 0.00	51.86 -4.14 -0.80	51.19 -4.18 -0.33	49.58 -4.19 -0.01	47.30 -4.06 -0.02	41.75 -3.09 0.00	39.42 -2.83 0.00	36.59 -2.34 0.00
UPPER HUDSON__HYD 24058	46.46 1.40 0.00	44.02 1.40 0.00	42.40 1.31 0.00	43.79 1.15 0.00	43.85 1.24 0.00	46.26 1.78 0.00	54.06 2.33 0.00	57.27 2.83 0.00	58.04 3.44 0.00	59.86 3.62 -1.37	57.65 3.11 0.00	57.41 3.09 0.00	56.57 2.95 0.00	56.35 2.48 0.00	55.61 2.45 0.00	57.16 2.67 0.00	57.50 2.79 0.00	66.92 3.09 -8.62	61.68 3.14 -3.50	56.40 2.63 0.00	53.76 2.41 0.00	46.81 1.97 0.00	44.07 1.82 0.00	40.40 1.48 0.00
UPPER RAQUET__HYD 24056	44.52 -0.54 0.00	42.15 -0.47 0.00	40.71 -0.37 0.00	42.47 -0.17 0.00	43.00 0.38 0.00	45.28 0.80 0.00	53.54 1.81 0.00	57.05 2.61 0.00	56.62 2.02 0.00	56.61 1.70 -0.03	56.24 1.69 0.00	56.22 1.90 0.00	55.39 1.77 0.00	55.75 1.88 0.00	54.91 1.75 0.00	56.34 1.85 0.00	56.30 1.59 0.00	56.83 1.43 -0.19	56.16 1.04 -0.08	55.32 1.56 0.00	52.94 1.59 0.00	45.42 0.58 0.00	42.09 -0.17 0.00	38.50 -0.43 0.00
VALLEY44_115KV_TB2 355964	42.36 -2.70 0.00	40.23 -2.39 0.00	38.95 -2.14 0.00	40.55 -2.09 0.00	40.61 -2.00 0.00	42.48 -2.00 0.00	49.14 -2.59 0.00	50.14 -4.30 0.00	49.95 -4.64 0.01	50.49 -4.44 -0.06	49.69 -4.85 0.01	49.32 -5.00 0.01	48.68 -4.93 0.01	49.01 -4.85 0.01	48.26 -4.89 0.01	49.36 -5.12 0.01	49.56 -4.05 1.10	51.82 -3.09 0.30	47.94 -3.47 3.63	46.83 -3.49 3.43	42.83 -3.39 5.12	40.22 -4.62 0.01	38.20 -4.06 0.00	36.36 -2.57 0.00
VALLEY__115KV_TB 1-4 80826	45.60 0.54 0.00	43.13 0.51 0.00	41.62 0.53 0.00	43.19 0.55 0.00	43.17 0.55 0.00	45.10 0.62 0.00	52.45 0.72 0.00	55.42 0.98 0.00	55.53 0.93 0.00	55.97 1.10 0.00	55.47 0.93 0.00	55.24 0.92 0.00	54.48 0.86 0.00	54.73 0.86 0.00	53.91 0.74 0.00	55.14 0.65 0.00	55.09 0.38 0.00	55.59 0.39 0.00	55.32 0.28 0.00	53.92 0.16 0.00	51.50 0.15 0.00	44.93 0.09 0.00	42.30 0.04 0.00	39.00 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.40 2.34 0.00	44.75 2.13 0.00	43.18 2.10 0.00	44.81 2.17 0.00	44.75 2.13 0.00	46.79 2.31 0.00	54.52 2.79 0.00	57.97 3.54 0.00	58.20 3.60 0.00	59.30 3.95 -0.48	58.09 3.55 0.00	57.85 3.53 0.00	56.89 3.27 0.00	57.21 3.34 0.00	56.46 3.30 0.00	57.81 3.32 0.00	58.16 3.45 0.00	61.96 3.75 -3.00	59.78 3.52 -1.22	57.20 3.44 0.00	54.68 3.34 0.00	47.57 2.74 0.00	44.62 2.37 0.00	41.11 2.18 0.00
VISCHER__FERRY HYD 24020	47.13 2.07 0.00	44.53 1.92 0.00	42.93 1.85 0.00	44.47 1.83 0.00	44.49 1.87 0.00	46.57 2.09 0.00	54.11 2.38 0.00	56.94 2.51 0.00	57.44 2.84 0.00	59.18 2.96 -1.35	57.16 2.62 0.00	56.93 2.61 0.00	56.19 2.57 0.00	56.35 2.48 0.00	55.66 2.50 0.00	57.16 2.67 0.00	57.55 2.84 0.00	66.88 3.20 -8.48	61.57 3.08 -3.44	56.56 2.79 0.00	53.96 2.62 0.00	47.17 2.33 0.00	44.49 2.24 0.00	40.91 1.98 0.00
V_A_10_SYNC_DSASP 323832	40.96 -4.10 0.00	38.95 -3.67 0.00	37.63 -3.45 0.00	39.14 -3.50 0.00	39.21 -3.41 0.00	40.96 -3.51 0.00	47.39 -4.35 0.00	48.72 -5.71 0.00	48.54 -6.06 0.00	48.83 -6.04 0.00	48.33 -6.22 0.00	48.24 -6.08 0.00	47.56 -6.06 0.00	47.88 -5.98 0.00	47.05 -6.11 0.00	47.90 -6.60 0.00	46.39 -7.06 1.26	47.94 -6.46 0.80	44.26 -6.61 4.17	43.36 -6.61 3.79	39.47 -6.21 5.66	39.90 -4.93 0.01	37.86 -4.40 0.00	35.54 -3.39 0.00
V_CMM_10_SYNC_DSASP 323787	45.42 0.36 0.00	43.04 0.43 0.00	41.45 0.37 0.00	43.06 0.43 0.00	42.96 0.34 0.00	44.75 0.27 0.00	52.14 0.41 0.00	54.82 0.38 0.00	54.82 0.22 0.00	54.71 -0.16 0.00	54.76 0.22 0.00	54.59 0.27 0.00	54.00 0.38 0.00	54.25 0.38 0.00	53.48 0.32 0.00	54.76 0.27 0.00	54.71 0.00 0.00	54.55 -0.66 0.00	54.60 -0.44 0.00	53.55 -0.21 0.00	51.19 -0.15 0.00	44.62 -0.22 0.00	42.00 -0.25 0.00	38.69 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	46.10 1.04 0.00	43.81 1.19 0.00	42.23 1.15 0.00	43.87 1.24 0.00	43.68 1.07 0.00	45.54 1.07 0.00	53.23 1.50 0.00	56.02 1.58 0.00	55.86 1.26 0.00	55.58 0.71 0.00	55.69 1.15 0.00	55.79 1.47 0.00	55.18 1.56 0.00	55.48 1.61 0.00	54.49 1.33 0.00	55.80 1.31 0.00	55.31 0.60 0.00	54.99 -0.22 0.00	54.77 -0.27 0.00	53.55 -0.21 0.00	51.09 -0.26 0.00	44.17 -0.67 0.00	41.24 -1.01 0.00	37.76 -1.17 0.00
V_D_10_SYNC_DSASP 323841	45.56 0.50 0.00	43.21 0.60 0.00	41.61 0.53 0.00	43.23 0.60 0.00	43.09 0.47 0.00	44.92 0.44 0.00	52.35 0.62 0.00	55.04 0.60 0.00	55.03 0.43 0.00	54.93 0.05 0.00	54.98 0.43 0.00	54.81 0.49 0.00	54.16 0.54 0.00	54.46 0.59 0.00	53.69 0.53 0.00	55.04 0.54 0.00	54.87 0.16 0.00	54.76 -0.44 0.00	54.77 -0.27 0.00	53.76 0.00 0.00	51.34 0.00 0.00	44.75 -0.09 0.00	42.13 -0.13 0.00	38.85 -0.08 0.00
V_E_10_SYNC_DSASP 323830	47.36 2.30 0.00	44.66 2.05 0.00	43.18 2.09 0.00	44.81 2.17 0.00	44.75 2.13 0.00	47.15 2.67 0.00	55.46 3.73 0.00	63.31 8.88 0.00	62.63 8.03 0.00	63.41 8.12 -0.42	61.91 7.36 0.00	61.82 7.50 0.00	60.32 6.70 0.00	60.76 6.90 0.00	60.07 6.91 0.00	61.52 7.03 0.00	62.32 7.60 0.00	61.63 4.31 -2.12	59.64 3.74 -0.86	57.52 3.76 0.00	54.99 3.65 0.00	47.44 2.60 0.00	44.20 1.94 0.00	40.72 1.79 0.00
V_F_30_NSYNC__DSASP 323816	47.18 2.12 0.00	44.62 2.00 0.00	43.01 1.93 0.00	44.47 1.83 0.00	44.54 1.92 0.00	46.92 2.44 0.00	54.68 2.95 0.00	57.65 3.21 0.00	58.31 3.71 0.00	60.08 3.84 -1.36	57.98 3.44 0.00	57.69 3.37 0.00	56.89 3.27 0.00	56.94 3.07 0.00	56.25 3.08 0.00	57.82 3.32 0.00	58.16 3.45 0.00	67.54 3.76 -8.58	62.27 3.74 -3.48	57.10 3.33 0.00	54.48 3.13 0.00	47.48 2.64 0.00	44.75 2.49 0.00	41.10 2.18 0.00

V_F_30_SYNC_DSASP 323786	46.91 1.85 0.00	44.36 1.75 0.00	42.81 1.73 0.00	44.30 1.66 0.00	44.32 1.70 0.00	46.30 1.82 0.00	53.54 1.81 0.00	56.50 2.07 0.00	57.00 2.40 0.00	58.69 2.47 -1.35	56.56 2.02 0.00	56.33 2.01 0.00	55.60 1.98 0.00	55.86 1.99 0.00	55.18 2.02 0.00	56.67 2.18 0.00	57.01 2.30 0.00	66.05 2.37 -8.47	60.90 2.42 -3.44	55.97 2.20 0.00	53.35 2.00 0.00	46.68 1.84 0.00	44.24 1.99 0.00	40.75 1.83 0.00
V_XM_10_SYNC_DSASP 323789	46.10 1.04 0.00	43.81 1.19 0.00	42.23 1.15 0.00	43.87 1.24 0.00	43.68 1.07 0.00	45.54 1.07 0.00	53.23 1.50 0.00	56.02 1.58 0.00	55.86 1.26 0.00	55.58 0.71 0.00	55.69 1.15 0.00	55.79 1.47 0.00	55.18 1.56 0.00	55.48 1.61 0.00	54.49 1.33 0.00	55.80 1.31 0.00	55.31 0.60 0.00	54.99 -0.22 0.00	54.77 -0.27 0.00	53.55 -0.21 0.00	51.09 -0.26 0.00	44.17 -0.67 0.00	41.24 -1.01 0.00	37.76 -1.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.18 2.12 0.00	44.49 1.88 0.00	42.93 1.85 0.00	44.43 1.79 0.00	44.41 1.79 0.00	46.30 1.82 0.00	53.90 2.17 0.00	57.27 2.83 0.00	57.88 3.28 0.00	59.48 3.62 -0.99	57.60 3.05 0.00	57.25 2.93 0.00	56.46 2.84 0.00	56.72 2.85 0.00	55.98 2.82 0.00	57.65 3.16 0.00	58.10 3.39 0.00	65.39 3.97 -6.21	61.36 3.80 -2.52	57.15 3.39 0.00	54.58 3.23 0.00	47.57 2.74 0.00	44.83 2.58 0.00	41.14 2.22 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.72 2.66 0.00	44.87 2.26 0.00	43.30 2.22 0.00	44.81 2.17 0.00	44.75 2.13 0.00	46.75 2.27 0.00	54.37 2.64 0.00	57.87 3.43 0.00	58.53 3.93 0.00	60.28 4.39 -1.02	58.25 3.71 0.00	57.90 3.59 0.00	57.11 3.49 0.00	57.37 3.50 0.00	56.67 3.51 0.00	58.31 3.81 0.00	58.76 4.05 0.00	66.22 4.58 -6.43	62.00 4.35 -2.61	57.63 3.87 0.00	55.14 3.80 0.00	48.25 3.41 0.00	45.42 3.17 0.00	41.65 2.72 0.00
W50THST__13_KV_LOAD 356117	47.90 2.84 0.00	45.04 2.43 0.00	43.46 2.38 0.00	44.98 2.35 0.00	44.92 2.30 0.00	46.93 2.45 0.00	54.63 2.90 0.00	58.14 3.70 0.00	58.86 4.26 0.00	60.61 4.72 -1.02	58.53 3.98 0.00	58.18 3.86 0.00	57.37 3.75 0.00	57.69 3.82 0.00	56.94 3.77 0.00	58.63 4.14 0.00	59.09 4.38 0.00	66.49 4.86 -6.43	62.28 4.62 -2.61	57.90 4.14 0.00	55.35 4.00 0.00	48.47 3.63 0.00	45.59 3.34 0.00	41.81 2.88 0.00
WADING RIVER_IC_1 23522	52.85 5.00 -2.78	48.17 4.39 -1.16	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.62 5.43 -2.46	62.37 5.50 -2.44	62.94 6.11 -2.22	64.68 6.47 -3.34	64.77 5.29 -4.93	66.79 4.78 -7.69	64.02 5.15 -5.25	64.94 5.44 -5.63	64.25 5.80 -5.30	66.29 6.10 -5.70	76.08 6.56 -14.81	79.01 7.45 -16.35	76.06 6.99 -14.02	65.13 6.56 -4.81	59.64 6.26 -2.04	55.08 5.29 -4.95	50.81 4.56 -3.99	43.07 4.01 -0.14
WADING RIVER_IC_2 23547	52.85 5.00 -2.78	48.17 4.39 -1.16	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.62 5.43 -2.46	62.37 5.50 -2.44	62.94 6.11 -2.22	64.68 6.47 -3.34	64.77 5.29 -4.93	66.79 4.78 -7.69	64.02 5.15 -5.25	64.94 5.44 -5.63	64.25 5.80 -5.30	66.29 6.10 -5.70	76.08 6.56 -14.81	79.01 7.45 -16.35	76.06 6.99 -14.02	65.13 6.56 -4.81	59.64 6.26 -2.04	55.08 5.29 -4.95	50.81 4.56 -3.99	43.07 4.01 -0.14
WADING RIVER_IC_3 23601	52.85 5.00 -2.78	48.17 4.39 -1.16	45.11 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.61 4.14 0.00	59.62 5.43 -2.46	62.37 5.50 -2.44	62.94 6.11 -2.22	64.68 6.47 -3.34	64.77 5.29 -4.93	66.79 4.78 -7.69	64.02 5.15 -5.25	64.94 5.44 -5.63	64.25 5.80 -5.30	66.29 6.10 -5.70	76.08 6.56 -14.81	79.01 7.45 -16.35	76.06 6.99 -14.02	65.13 6.56 -4.81	59.64 6.26 -2.04	55.08 5.29 -4.95	50.81 4.56 -3.99	43.07 4.01 -0.14
WALDENNY_12_KV_BK2 80841	41.55 -3.51 0.00	39.46 -3.15 0.00	38.16 -2.92 0.00	39.74 -2.90 0.00	39.85 -2.77 0.00	41.68 -2.80 0.00	48.21 -3.52 0.00	49.32 -5.12 0.00	49.08 -5.51 0.01	49.21 -5.54 0.12	48.81 -5.73 0.01	48.50 -5.81 0.01	47.98 -5.63 0.01	48.09 -5.76 0.01	47.41 -5.74 0.01	48.00 -6.48 0.01	46.04 -6.24 2.44	47.48 -5.52 2.20	40.75 -5.78 8.51	40.59 -5.70 7.47	34.80 -5.39 11.15	39.80 -5.02 0.01	37.86 -4.39 0.00	35.69 -3.23 0.00
WALDEN__HYDRO 24148	47.36 2.30 0.00	44.66 2.05 0.00	43.05 1.97 0.00	44.60 1.96 0.00	44.58 1.96 0.00	46.52 2.05 0.00	54.21 2.48 0.00	57.48 3.05 0.00	58.04 3.44 0.00	59.64 3.79 -0.98	57.71 3.16 0.00	57.36 3.04 0.00	56.57 2.95 0.00	56.83 2.96 0.00	56.14 2.98 0.00	57.76 3.27 0.00	58.27 3.56 0.00	65.54 4.14 -6.19	61.58 4.02 -2.52	57.31 3.55 0.00	54.73 3.39 0.00	47.62 2.78 0.00	44.83 2.58 0.00	41.18 2.26 0.00
WARRENSBURG____ 23737	46.46 1.40 0.00	44.02 1.40 0.00	42.40 1.31 0.00	43.79 1.15 0.00	43.85 1.24 0.00	46.26 1.78 0.00	54.06 2.33 0.00	57.27 2.83 0.00	58.04 3.44 0.00	59.86 3.62 -1.37	57.65 3.11 0.00	57.41 3.09 0.00	56.57 2.95 0.00	56.35 2.48 0.00	55.61 2.45 0.00	57.16 2.67 0.00	57.50 2.79 0.00	66.92 3.09 -8.62	61.68 3.14 -3.50	56.40 2.63 0.00	53.76 2.41 0.00	46.81 1.97 0.00	44.07 1.82 0.00	40.40 1.48 0.00
WATERSIDE____6 8 9 23538	47.67 2.61 0.00	44.83 2.22 0.00	43.26 2.18 0.00	44.68 2.05 0.00	44.62 2.00 0.00	46.57 2.09 0.00	54.06 2.33 0.00	57.54 3.10 0.00	58.26 3.66 0.00	60.01 4.12 -1.02	57.98 3.44 0.00	57.63 3.31 0.00	56.84 3.22 0.00	57.10 3.23 0.00	56.41 3.24 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.00 4.36 -6.43	61.78 4.13 -2.61	57.42 3.66 0.00	54.94 3.59 0.00	48.25 3.41 0.00	45.42 3.17 0.00	41.73 2.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.60 0.54 0.00	43.08 0.47 0.00	41.57 0.49 0.00	43.15 0.51 0.00	43.13 0.51 0.00	45.06 0.58 0.00	52.40 0.67 0.00	55.31 0.87 0.00	55.47 0.87 0.00	55.86 0.99 0.00	55.36 0.82 0.00	55.13 0.81 0.00	54.37 0.75 0.00	54.62 0.75 0.00	53.85 0.69 0.00	55.20 0.71 0.00	55.31 0.60 0.00	55.87 0.66 0.00	55.65 0.61 0.00	54.30 0.54 0.00	51.86 0.51 0.00	45.24 0.40 0.00	42.64 0.38 0.00	39.28 0.35 0.00
WATSON__69_KV_BK 1 55734	53.74 4.87 -3.82	48.55 4.35 -1.59	45.10 4.03 0.00	46.60 3.97 0.00	46.66 4.05 0.00	48.70 4.23 0.00	60.43 5.33 -3.37	63.88 6.10 -3.34	64.20 6.55 -3.05	66.04 6.97 -4.20	66.23 6.00 -5.68	68.71 5.76 -8.63	65.20 5.68 -5.90	65.91 5.76 -6.28	64.91 5.79 -5.95	67.10 6.21 -6.40	76.72 6.57 -15.44	79.41 7.29 -16.92	76.46 6.94 -14.49	65.68 6.51 -5.41	60.40 6.26 -2.79	55.94 5.47 -5.63	52.58 4.86 -5.47	43.40 4.28 -0.19
WDELAWARE__HYD 323627	47.90 2.84 0.00	45.21 2.60 0.00	43.59 2.51 0.00	45.15 2.51 0.00	45.09 2.47 0.00	47.06 2.58 0.00	55.14 3.41 0.00	58.08 3.65 0.00	58.58 3.98 0.00	59.97 4.17 -0.93	58.42 3.87 0.00	58.12 3.80 0.00	57.27 3.65 0.00	57.53 3.66 0.00	56.88 3.72 0.00	58.52 4.03 0.00	59.20 4.49 0.00	66.31 5.25 -5.86	62.43 5.01 -2.38	58.33 4.57 0.00	55.66 4.31 0.00	48.02 3.18 0.00	45.21 2.96 0.00	41.45 2.53 0.00

WEST BABYLON___IC 23714	55.93 4.55 -6.32	49.35 4.09 -2.64	44.86 3.78 0.00	46.35 3.71 0.00	46.41 3.79 0.00	48.39 3.91 0.00	62.28 4.97 -5.59	65.69 5.72 -5.53	65.87 6.22 -5.05	67.79 6.64 -6.28	67.71 5.67 -7.49	70.73 5.49 -10.92	66.51 5.42 -7.47	67.14 5.44 -7.83	66.17 5.48 -7.54	68.47 5.89 -8.10	77.87 6.18 -16.98	80.33 6.85 -18.28	77.25 6.61 -15.60	66.74 6.13 -6.85	61.93 5.96 -4.63	57.28 5.16 -7.28	55.91 4.61 -9.05	43.33 4.09 -0.32
WEST CANADA___HYD 24049	45.20 0.14 0.00	42.74 0.13 0.00	41.21 0.12 0.00	42.77 0.13 0.00	42.75 0.13 0.00	44.66 0.18 0.00	51.89 0.16 0.00	54.65 0.22 0.00	54.82 0.22 0.00	55.20 0.33 0.00	54.82 0.27 0.00	54.59 0.27 0.00	53.84 0.22 0.00	54.08 0.22 0.00	53.38 0.21 0.00	54.71 0.22 0.00	54.98 0.27 0.00	55.60 0.39 0.00	55.37 0.33 0.00	54.03 0.27 0.00	51.60 0.26 0.00	45.06 0.23 0.00	42.47 0.21 0.00	39.12 0.20 0.00
WESTERN_NY_WIND 24143	41.95 -3.11 0.00	39.80 -2.81 0.00	38.45 -2.63 0.00	39.99 -2.64 0.00	40.15 -2.47 0.00	41.99 -2.49 0.00	48.68 -3.05 0.00	50.52 -3.92 0.00	50.28 -4.31 0.00	50.41 -4.44 0.02	49.80 -4.75 0.00	49.48 -4.83 0.00	48.90 -4.72 0.00	48.96 -4.90 0.01	48.37 -4.78 0.01	48.98 -5.50 0.00	48.06 -5.25 1.40	49.62 -4.64 0.95	45.88 -4.51 4.65	45.00 -4.57 4.20	40.72 -4.36 6.26	41.02 -3.81 0.01	38.87 -3.38 0.00	36.36 -2.57 0.00
WESTOVER___LESR 323668	44.65 -0.41 0.00	42.23 -0.38 0.00	40.75 -0.33 0.00	42.34 -0.30 0.00	42.32 -0.30 0.00	44.30 -0.18 0.00	51.58 -0.16 0.00	54.33 -0.11 0.00	54.54 -0.05 0.00	55.27 0.00 -0.40	54.22 -0.33 0.00	53.94 -0.38 0.00	53.24 -0.38 0.00	53.49 -0.38 0.00	52.79 -0.37 0.00	54.05 -0.44 0.00	54.86 -0.22 -0.37	58.21 0.28 -2.73	57.31 0.06 -2.21	54.74 -0.11 -1.09	52.92 -0.05 -1.62	44.53 -0.31 0.00	41.87 -0.38 0.00	38.77 -0.16 0.00
WETHRSFD_WT_PWR 323626	41.32 -3.74 0.00	39.33 -3.28 0.00	38.12 -2.96 0.00	39.74 -2.90 0.00	39.89 -2.73 0.00	41.76 -2.71 0.00	48.47 -3.26 0.00	49.81 -4.63 0.00	49.52 -5.08 0.00	48.97 -5.16 0.75	49.09 -5.45 0.00	48.94 -5.38 0.00	48.31 -5.31 0.00	48.56 -5.28 0.03	47.71 -5.42 0.03	48.60 -5.89 0.00	40.74 -5.80 8.17	40.40 -5.13 9.67	20.44 -5.50 29.10	23.37 -5.64 24.75	9.12 -5.29 36.94	39.86 -4.93 0.04	37.77 -4.48 0.00	35.62 -3.31 0.00
WHAVSTOR_138KV_BK127 55557	47.04 1.98 0.00	44.36 1.75 0.00	42.81 1.73 0.00	44.30 1.66 0.00	44.28 1.66 0.00	46.17 1.69 0.00	53.70 1.97 0.00	57.05 2.61 0.00	57.66 3.06 0.00	59.26 3.40 -0.99	57.33 2.78 0.00	57.04 2.72 0.00	56.19 2.57 0.00	56.51 2.64 0.00	55.77 2.60 0.00	57.38 2.89 0.00	57.88 3.17 0.00	65.12 3.70 -6.22	61.09 3.52 -2.53	56.88 3.12 0.00	54.32 2.98 0.00	47.44 2.60 0.00	44.66 2.41 0.00	41.03 2.10 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.04 1.98 0.00	44.36 1.75 0.00	42.81 1.73 0.00	44.30 1.66 0.00	44.28 1.66 0.00	46.17 1.69 0.00	53.70 1.97 0.00	57.05 2.61 0.00	57.66 3.06 0.00	59.26 3.40 -0.99	57.33 2.78 0.00	57.04 2.72 0.00	56.19 2.57 0.00	56.51 2.64 0.00	55.77 2.60 0.00	57.38 2.89 0.00	57.88 3.17 0.00	65.12 3.70 -6.22	61.09 3.52 -2.53	56.88 3.12 0.00	54.32 2.98 0.00	47.44 2.60 0.00	44.66 2.41 0.00	41.03 2.10 0.00
WHITEHAL_115KV_TB1 80871	47.18 2.12 0.00	44.75 2.13 0.00	43.09 2.01 0.00	44.43 1.79 0.00	44.54 1.92 0.00	47.06 2.58 0.00	55.09 3.36 0.00	58.46 4.03 0.00	59.40 4.80 0.00	61.18 4.94 -1.37	58.80 4.25 0.00	58.45 4.13 0.00	57.53 3.91 0.00	57.42 3.56 0.00	56.67 3.51 0.00	58.31 3.81 0.00	58.65 3.94 0.00	67.85 4.03 -8.62	62.83 4.29 -3.50	57.53 3.76 0.00	54.78 3.44 0.00	47.57 2.74 0.00	44.79 2.54 0.00	41.07 2.14 0.00
WHITEPLN_13_KV_LOAD 356215	47.90 2.84 0.00	45.09 2.47 0.00	43.46 2.38 0.00	45.03 2.39 0.00	45.00 2.39 0.00	46.93 2.45 0.00	54.63 2.90 0.00	58.08 3.65 0.00	58.75 4.15 0.00	60.45 4.55 -1.02	58.42 3.87 0.00	58.07 3.75 0.00	57.27 3.65 0.00	57.53 3.66 0.00	56.83 3.67 0.00	58.47 3.98 0.00	59.03 4.32 0.00	66.48 4.86 -6.42	62.22 4.57 -2.61	57.90 4.14 0.00	55.30 3.95 0.00	48.29 3.45 0.00	45.38 3.13 0.00	41.69 2.76 0.00
WM_FLOYD_69_KV_BK2 356380	52.73 4.82 -2.84	48.10 4.30 -1.19	45.02 3.94 0.00	46.51 3.88 0.00	46.58 3.96 0.00	48.57 4.09 0.00	59.36 5.12 -2.51	62.75 5.82 -2.49	63.15 6.28 -2.27	64.90 6.64 -3.39	64.92 5.40 -4.98	67.00 4.94 -7.74	64.00 5.09 -5.29	64.87 5.33 -5.67	63.97 5.48 -5.33	66.11 5.89 -5.74	75.84 6.29 -14.84	78.66 7.07 -16.39	75.81 6.72 -14.05	64.85 6.24 -4.85	59.43 6.01 -2.08	55.07 5.25 -4.99	50.89 4.56 -4.07	43.08 4.01 -0.14
WOODARD__115KV_TB2 355635	43.84 -1.22 0.00	41.46 -1.15 0.00	39.97 -1.11 0.00	41.53 -1.11 0.00	41.51 -1.11 0.00	43.46 -1.02 0.00	50.54 -1.19 0.00	53.24 -1.20 0.00	53.67 -0.93 0.00	53.82 -1.15 -0.10	53.24 -1.31 0.00	53.02 -1.30 0.00	52.33 -1.29 0.00	52.57 -1.29 0.00	51.89 -1.28 0.00	53.07 -1.42 0.00	53.34 -1.37 0.00	54.67 -1.10 -0.57	54.06 -1.21 -0.23	52.47 -1.29 0.00	50.11 -1.23 0.00	43.76 -1.08 0.00	41.20 -1.06 0.00	37.99 -0.93 0.00
YORK___WARBASSE 23770	47.94 2.88 0.00	45.00 2.39 0.00	43.42 2.34 0.00	44.85 2.22 0.00	44.79 2.17 0.00	46.75 2.27 0.00	54.01 2.28 0.00	57.43 2.99 0.00	58.20 3.60 0.00	60.01 4.12 -1.02	57.93 3.38 0.00	57.63 3.31 0.00	56.78 3.16 0.00	57.10 3.23 0.00	56.35 3.19 0.00	58.03 3.54 0.00	58.54 3.83 0.00	66.05 4.42 -6.43	61.84 4.18 -2.61	57.47 3.71 0.00	54.99 3.65 0.00	48.47 3.63 0.00	45.64 3.38 0.00	41.88 2.96 0.00