

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses																			--- Marginal Cost of Congestion																			04/12/2025
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	50.62	46.35	45.03	43.01	42.24	46.24	53.26	58.31	60.82	60.99	60.64	60.56	56.36	54.44	53.27	53.14	53.43	56.62	57.64	61.16	62.39	56.40	53.95	49.23																																		
		2.96	2.67	2.55	2.32	2.31	2.62	3.16	3.46	4.14	4.26	4.28	4.28	3.79	3.61	3.72	3.61	3.68	3.80	3.82	4.37	4.57	3.54	3.29	2.96																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00																																		
74TH STREET_GT_1	24260	50.57	46.27	44.94	42.93	42.32	46.15	53.16	58.20	60.65	60.70	60.53	60.28	56.31	54.28	53.17	53.04	53.33	56.56	57.54	61.05	62.23	56.24	53.85	49.18																																		
		2.91	2.58	2.46	2.24	2.40	2.53	3.06	3.35	3.97	3.97	4.17	4.00	3.73	3.46	3.62	3.52	3.58	3.75	3.71	4.26	4.39	3.38	3.19	2.91																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.00	0.00																																		
74TH STREET_GT_2	24261	50.57	46.27	44.94	42.93	42.32	46.15	53.16	58.20	60.65	60.70	60.53	60.28	56.31	54.28	53.17	53.04	53.33	56.56	57.54	61.05	62.23	56.24	53.85	49.18																																		
		2.91	2.58	2.46	2.24	2.40	2.53	3.06	3.35	3.97	3.97	4.17	4.00	3.73	3.46	3.62	3.52	3.58	3.75	3.71	4.26	4.39	3.38	3.19	2.91																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.03	0.00	0.00	0.00																																		
ADK HUDSON___FALLS	24011	50.34	46.09	44.86	42.89	42.12	45.93	52.91	57.92	60.08	60.19	60.07	59.60	55.31	53.62	52.27	52.30	52.73	55.98	57.15	60.71	61.73	55.82	53.44	48.72																																		
		2.67	2.40	2.38	2.20	2.20	2.31	2.81	3.07	3.40	3.46	3.72	3.32	2.73	2.80	2.72	2.77	2.98	3.17	3.34	3.92	3.93	2.96	2.79	2.45																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
ADK RESOURCE___RCVRY	23798	50.48	46.31	45.07	43.05	42.28	46.15	53.16	58.20	60.31	60.58	60.36	60.00	55.51	53.87	52.52	52.54	53.03	56.29	57.42	61.05	62.08	56.08	53.70	48.95																																		
		2.81	2.62	2.59	2.36	2.35	2.53	3.06	3.35	3.63	3.86	4.00	3.71	2.94	3.05	2.97	3.02	3.28	3.48	3.61	4.26	4.28	3.22	3.04	2.68																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
ADK S GLENS___FALLS	24028	50.34	46.09	44.86	42.89	42.12	45.93	52.91	57.92	60.08	60.19	60.07	59.60	55.31	53.62	52.27	52.30	52.73	55.98	57.15	60.71	61.73	55.82	53.44	48.72																																		
		2.67	2.40	2.38	2.20	2.20	2.31	2.81	3.07	3.40	3.46	3.72	3.32	2.73	2.80	2.72	2.77	2.98	3.17	3.34	3.92	3.93	2.96	2.79	2.45																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
ADK_NYS___DAM	23527	49.24	45.13	43.79	41.91	41.16	44.98	51.91	56.99	58.95	59.05	58.67	58.42	54.30	52.50	51.33	51.26	51.59	54.87	55.97	59.35	60.29	54.76	52.38	47.88																																		
		1.57	1.44	1.32	1.22	1.24	1.35	1.80	2.14	2.27	2.33	2.31	2.14	1.73	1.67	1.78	1.73	1.84	2.06	2.15	2.56	2.48	1.90	1.72	1.62																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
AIR_PRODUCTS___DRP	24190	47.91	43.91	42.73	40.98	40.28	43.84	50.51	55.29	57.30	57.35	57.03	56.79	52.89	51.18	49.99	49.92	50.24	53.34	54.30	57.53	58.50	53.18	50.91	46.49																																		
		0.24	0.22	0.25	0.28	0.36	0.22	0.40	0.44	0.62	0.62	0.68	0.51	0.32	0.36	0.45	0.40	0.50	0.53	0.48	0.74	0.69	0.32	0.25	0.23																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
AKWESSNE_115KV_BK	355683	47.57	43.82	42.56	40.77	40.00	43.75	49.96	54.52	56.05	56.27	55.68	55.78	52.31	50.57	49.25	49.18	49.35	52.33	53.33	55.82	56.94	52.65	50.50	46.12																																		
		-0.10	0.13	0.08	0.08	0.08	0.13	-0.15	-0.33	-0.62	-0.45	-0.68	-0.51	-0.26	-0.25	-0.30	-0.35	-0.40	-0.48	-0.48	-0.97	-0.87	-0.21	-0.15	-0.14																																		
		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	48.81	44.78	43.54	41.71	40.96	44.67	51.41	56.22	58.21	58.31	57.88	57.63	53.57	51.84	50.63	50.61	50.99	54.23	55.27	58.60	59.65	54.18	51.92	47.46																																		
		1.14	1.09	1.06	1.02	1.04	1.05	1.30	1.37	1.53	1.59	1.52	1.35	1.00	1.02	1.09	1.09	1.24	1.43	1.45	1.82	1.85	1.32	1.27	1.20																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
ALBANY_2_SOLAR	323834	48.76	44.74	43.54	41.71	40.96	44.67	51.41	56.22	58.21	58.26	57.88	57.63	53.57	51.79	50.59	50.61	50.99	54.23	55.27	58.60	59.60	54.18	51.92	47.46																																		
		1.10	1.05	1.06	1.02	1.04	1.05	1.30	1.37	1.53	1.53	1.52	1.35	1.00	0.96	1.04	1.09	1.24	1.43	1.45	1.82	1.79	1.32	1.27	1.20																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
ALBANY___1	23571	47.91	43.91	42.73	40.98	40.28	43.84	50.51	55.29	57.30	57.35	57.03	56.79	52.89	51.18	49.99	49.92	50.24	53.34	54.30	57.53	58.50	53.18	50.91	46.49																																		
		0.24	0.22	0.25	0.28	0.36	0.22	0.40	0.44	0.62	0.62	0.68	0.51	0.32	0.36	0.45	0.40	0.50	0.53	0.48	0.74	0.69	0.32	0.25	0.23																																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																		

ALBANY___2 23572	47.91 0.24 0.00	43.91 0.22 0.00	42.73 0.25 0.00	40.98 0.28 0.00	40.28 0.36 0.00	43.84 0.22 0.00	50.51 0.40 0.00	55.29 0.44 0.00	57.30 0.62 0.00	57.35 0.62 0.00	57.03 0.68 0.00	56.79 0.51 0.00	52.89 0.32 0.00	51.18 0.36 0.00	49.99 0.45 0.00	49.92 0.40 0.00	50.24 0.50 0.00	53.34 0.53 0.00	54.30 0.48 0.00	57.53 0.74 0.00	58.50 0.69 0.00	53.18 0.32 0.00	50.91 0.25 0.00	46.49 0.23 0.00
ALBANY___3 23573	47.91 0.24 0.00	43.91 0.22 0.00	42.73 0.25 0.00	40.98 0.28 0.00	40.28 0.36 0.00	43.84 0.22 0.00	50.51 0.40 0.00	55.29 0.44 0.00	57.30 0.62 0.00	57.35 0.62 0.00	57.03 0.68 0.00	56.79 0.51 0.00	52.89 0.32 0.00	51.18 0.36 0.00	49.99 0.45 0.00	49.92 0.40 0.00	50.24 0.50 0.00	53.34 0.53 0.00	54.30 0.48 0.00	57.53 0.74 0.00	58.50 0.69 0.00	53.18 0.32 0.00	50.91 0.25 0.00	46.49 0.23 0.00
ALBANY___4 23574	47.91 0.24 0.00	43.91 0.22 0.00	42.73 0.25 0.00	40.98 0.28 0.00	40.28 0.36 0.00	43.84 0.22 0.00	50.51 0.40 0.00	55.29 0.44 0.00	57.30 0.62 0.00	57.35 0.62 0.00	57.03 0.68 0.00	56.79 0.51 0.00	52.89 0.32 0.00	51.18 0.36 0.00	49.99 0.45 0.00	49.92 0.40 0.00	50.24 0.50 0.00	53.34 0.53 0.00	54.30 0.48 0.00	57.53 0.74 0.00	58.50 0.69 0.00	53.18 0.32 0.00	50.91 0.25 0.00	46.49 0.23 0.00
ALBANY___LFGE 323615	48.33 0.67 0.00	44.35 0.66 0.00	43.11 0.64 0.00	41.34 0.65 0.00	40.60 0.68 0.00	44.23 0.61 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.81 1.13 0.00	58.03 1.31 0.00	57.65 1.30 0.00	57.47 1.18 0.00	53.41 0.84 0.00	51.69 0.86 0.00	50.48 0.94 0.00	50.46 0.94 0.00	50.79 1.05 0.00	53.86 1.06 0.00	54.89 1.08 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.70 0.84 0.00	51.42 0.76 0.00	47.00 0.74 0.00
ALCOA_PA_115KV_PL-6C 55860	47.62 -0.05 0.00	44.04 0.35 0.00	42.77 0.30 0.00	41.02 0.33 0.00	40.24 0.32 0.00	43.97 0.35 0.00	50.01 -0.10 0.00	54.58 -0.27 0.00	56.11 -0.57 0.00	56.27 -0.45 0.00	55.73 -0.62 0.00	55.83 -0.45 0.00	52.36 -0.21 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.23 -0.30 0.00	49.35 -0.40 0.00	52.33 -0.48 0.00	53.33 -0.48 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	52.75 -0.11 0.00	50.55 -0.10 0.00	46.17 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	47.62 -0.05 0.00	44.04 0.35 0.00	42.77 0.30 0.00	41.02 0.33 0.00	40.24 0.32 0.00	43.97 0.35 0.00	50.01 -0.10 0.00	54.58 -0.27 0.00	56.11 -0.57 0.00	56.27 -0.45 0.00	55.73 -0.62 0.00	55.83 -0.45 0.00	52.36 -0.21 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.23 -0.30 0.00	49.35 -0.40 0.00	52.33 -0.48 0.00	53.33 -0.48 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	52.75 -0.11 0.00	50.55 -0.10 0.00	46.17 -0.09 0.00
ALCOA___DSASP 323711	47.62 -0.05 0.00	44.04 0.35 0.00	42.78 0.30 0.00	41.02 0.32 0.00	40.24 0.32 0.00	43.97 0.35 0.00	50.01 -0.10 0.00	54.58 -0.27 0.00	56.17 -0.51 0.00	55.93 -0.79 0.00	55.74 -0.62 0.00	55.61 -0.67 0.00	52.31 -0.26 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.23 -0.30 0.00	49.34 -0.40 0.00	52.33 -0.48 0.00	53.33 -0.49 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	52.75 -0.11 0.00	50.55 -0.10 0.00	46.17 -0.09 0.00
ALLEGHENY___COGEN 23514	48.62 0.95 0.00	44.08 0.39 0.00	42.90 0.42 0.00	41.30 0.61 0.00	40.32 0.40 0.00	44.01 0.39 0.00	50.46 0.35 0.00	55.34 0.49 0.00	56.96 0.28 0.00	57.07 0.34 0.00	55.85 -0.51 0.00	55.89 -0.39 0.00	51.84 -0.74 0.00	50.06 -0.76 0.00	48.45 -1.09 0.00	48.78 -0.74 0.00	49.15 -0.59 0.00	52.65 -0.16 0.00	54.25 0.43 0.00	57.98 1.19 0.00	59.48 1.68 0.00	53.81 0.95 0.00	51.92 1.27 0.00	47.24 0.97 0.00
ALTAMONT_115KV_TB 2 55880	48.53 0.86 0.00	44.43 0.74 0.00	43.20 0.72 0.00	41.38 0.69 0.00	40.64 0.72 0.00	44.36 0.74 0.00	51.06 0.95 0.00	55.89 1.04 0.00	57.92 1.25 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.41 1.13 0.00	53.52 0.95 0.00	51.74 0.91 0.00	50.54 0.99 0.00	50.51 0.99 0.00	50.79 1.04 0.00	53.92 1.11 0.00	54.95 1.13 0.00	58.21 1.42 0.00	59.19 1.39 0.00	53.86 1.00 0.00	51.57 0.91 0.00	47.10 0.83 0.00
ALTONA_WT_PWR 323606	48.43 0.76 0.00	44.65 0.96 0.00	43.37 0.89 0.00	41.59 0.89 0.00	40.76 0.84 0.00	44.54 0.92 0.00	50.91 0.80 0.00	55.62 0.77 0.00	57.30 0.62 0.00	57.12 0.40 0.00	56.80 0.45 0.00	56.62 0.34 0.00	53.25 0.68 0.00	51.53 0.71 0.00	50.14 0.60 0.00	50.12 0.60 0.00	50.29 0.55 0.00	53.34 0.53 0.00	54.36 0.54 0.00	56.96 0.17 0.00	58.15 0.35 0.00	53.76 0.90 0.00	51.57 0.91 0.00	47.05 0.79 0.00
AMERICAN_REF_FUEL 24010	44.67 -3.00 0.00	40.46 -3.23 0.00	39.38 -3.10 0.00	38.01 -2.69 0.00	36.97 -2.95 0.00	40.26 -3.36 0.00	46.15 -3.96 0.00	50.41 -4.44 0.00	52.26 -4.42 0.00	52.59 -4.14 0.00	51.96 -4.40 0.00	52.23 -4.05 0.00	48.63 -3.94 0.00	47.01 -3.81 0.00	45.28 -4.26 0.00	45.81 -3.72 0.00	46.06 -3.68 0.00	48.90 -3.91 0.00	49.94 -3.88 0.00	53.10 -3.69 0.00	54.05 -3.76 0.00	49.11 -3.75 0.00	47.41 -3.24 0.00	43.53 -2.73 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.10 -0.57 0.00	42.73 -0.96 0.00	41.63 -0.85 0.00	40.08 -0.61 0.00	39.01 -0.92 0.00	42.66 -0.96 0.00	49.00 -1.10 0.00	53.75 -1.10 0.00	55.43 -1.25 0.00	55.88 -0.85 0.00	55.17 -1.19 0.00	55.38 -0.90 0.00	51.52 -1.05 0.00	49.81 -1.02 0.00	47.81 -1.74 0.00	48.39 -1.14 0.00	48.65 -1.09 0.00	51.70 -1.11 0.00	52.85 -0.97 0.00	56.33 -0.46 0.00	57.28 -0.52 0.00	52.01 -0.85 0.00	50.10 -0.56 0.00	45.89 -0.37 0.00
ARTHUR KILL_GT_1 23520	50.66 2.91 -0.09	50.65 2.71 -4.25	50.65 2.63 -5.54	50.64 2.40 -7.55	50.64 2.40 -8.32	50.65 2.71 -4.33	53.07 2.96 -0.01	58.09 3.24 -0.01	60.37 3.68 -0.01	60.64 3.91 -0.01	61.38 4.23 -0.80	62.37 4.11 -1.98	58.60 3.68 -2.35	56.43 3.56 -2.05	54.69 3.61 -1.53	55.17 3.57 -2.08	54.02 3.68 -0.59	56.57 3.75 -0.01	57.59 3.77 -0.01	61.17 4.37 -0.01	62.35 4.51 -0.03	56.36 3.49 -0.01	56.78 3.09 -3.04	51.35 2.96 -2.12
ARTHUR_KILL_2 23512	50.52 2.76 -0.09	50.52 2.58 -4.25	50.52 2.51 -5.54	50.52 2.28 -7.55	50.52 2.27 -8.32	50.52 2.57 -4.33	52.97 2.85 -0.01	57.93 3.07 -0.01	60.20 3.52 -0.01	60.47 3.74 -0.01	61.21 4.06 -0.80	62.26 4.00 -1.98	58.50 3.58 -2.35	56.28 3.41 -2.05	54.54 3.47 -1.53	55.07 3.47 -2.08	53.87 3.53 -0.59	56.41 3.59 -0.01	57.43 3.61 -0.01	60.94 4.14 -0.01	62.12 4.28 -0.03	56.20 3.33 -0.01	56.63 2.94 -3.04	51.21 2.82 -2.12
ARTHUR_KILL_3 23513	50.23 2.48 -0.08	50.16 2.23 -4.25	50.17 2.17 -5.53	50.19 1.95 -7.54	50.19 1.96 -8.32	50.12 2.18 -4.32	52.71 2.60 0.00	57.65 2.80 0.00	60.08 3.40 0.00	60.25 3.52 0.00	60.76 3.61 -0.79	61.80 3.55 -1.97	58.07 3.15 -2.34	55.86 3.00 -2.04	54.19 3.12 -1.52	54.66 3.07 -2.07	53.47 3.14 -0.59	55.98 3.17 0.00	56.94 3.12 0.00	60.48 3.69 0.00	61.64 3.81 -0.03	55.76 2.91 0.00	56.47 2.78 -3.03	50.88 2.50 -2.12

ARTHUR_KILL_COGEN 323718	50.66 2.91 -0.09	50.65 2.71 -4.25	50.65 2.63 -5.54	50.64 2.40 -7.55	50.64 2.40 -8.32	50.65 2.71 -4.33	53.07 2.96 -0.01	58.09 3.24 -0.01	60.37 3.68 -0.01	60.64 3.91 -0.01	61.38 4.23 -0.80	62.37 4.11 -1.98	58.60 3.68 -2.35	56.43 3.56 -2.05	54.69 3.61 -1.53	55.17 3.57 -2.08	54.02 3.68 -0.59	56.57 3.75 -0.01	57.59 3.77 -0.01	61.17 4.37 -0.01	62.35 4.51 -0.03	56.36 3.49 -0.01	56.78 3.09 -3.04	51.35 2.96 -2.12
ASHOKAN____ 23654	49.24 1.57 0.00	45.13 1.44 0.00	43.92 1.45 0.00	41.99 1.30 0.00	41.24 1.32 0.00	44.93 1.31 0.00	51.66 1.55 0.00	56.55 1.70 0.00	58.89 2.21 0.00	58.93 2.21 0.00	58.83 2.48 0.00	58.48 2.19 0.00	54.36 1.79 0.00	52.45 1.63 0.00	51.28 1.73 0.00	51.16 1.63 0.00	51.63 1.89 0.00	55.13 2.32 0.00	56.02 2.21 0.00	59.63 2.84 0.00	60.41 2.60 0.00	54.82 1.96 0.00	52.53 1.88 0.00	47.98 1.71 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.77 3.10 -0.01	46.45 2.75 -0.01	45.12 2.63 -0.01	43.14 2.44 -0.01	42.37 2.44 -0.01	46.29 2.66 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.55 3.86 -0.01	60.82 4.09 -0.01	60.60 4.23 -0.01	60.46 4.16 -0.01	56.32 3.73 -0.01	54.39 3.56 -0.01	53.17 3.61 -0.01	53.10 3.57 -0.01	53.39 3.63 -0.01	56.63 3.80 -0.01	57.71 3.88 -0.01	61.23 4.43 -0.01	62.40 4.57 -0.03	56.62 3.75 -0.01	54.16 3.49 -0.01	49.42 3.15 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	50.77 3.10 -0.01	46.45 2.75 -0.01	45.12 2.63 -0.01	43.14 2.44 -0.01	42.37 2.44 -0.01	46.29 2.66 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.55 3.86 -0.01	60.82 4.09 -0.01	60.60 4.23 -0.01	60.46 4.16 -0.01	56.32 3.73 -0.01	54.39 3.56 -0.01	53.17 3.61 -0.01	53.10 3.57 -0.01	53.39 3.63 -0.01	56.63 3.80 -0.01	57.71 3.88 -0.01	61.23 4.43 -0.01	62.40 4.57 -0.03	56.62 3.75 -0.01	54.16 3.49 -0.01	49.42 3.15 -0.01
ASTORIA_GT2_1 24094	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT2_2 24095	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT2_3 24096	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT2_4 24097	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT3_1 24098	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT3_2 24099	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT3_3 24100	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT3_4 24101	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT4_1 24102	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT4_2 24103	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT4_3 24104	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01

ASTORIA_GT4_4 24105	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.60 3.91 -0.01	60.71 3.97 -0.01	60.59 4.23 -0.01	60.40 4.11 -0.01	56.37 3.79 -0.01	54.39 3.56 -0.01	53.23 3.67 -0.02	53.11 3.57 -0.02	53.39 3.63 -0.01	56.67 3.85 -0.01	57.65 3.82 -0.01	61.17 4.37 -0.01	62.41 4.57 -0.03	56.67 3.81 -0.01	54.16 3.50 -0.01	49.42 3.15 -0.01
ASTORIA_GT_1 23523	50.87 3.19 -0.01	46.54 2.84 -0.01	45.21 2.72 -0.01	43.22 2.52 -0.01	42.45 2.52 -0.01	46.38 2.75 -0.01	53.47 3.36 -0.01	58.70 3.84 -0.01	60.66 3.97 -0.01	60.94 4.20 -0.01	60.71 4.34 -0.01	60.57 4.28 -0.01	56.42 3.84 -0.01	54.50 3.66 -0.01	53.28 3.72 -0.01	53.20 3.66 -0.01	53.49 3.73 -0.01	56.73 3.91 -0.01	57.81 3.98 -0.01	61.35 4.54 -0.01	62.52 4.68 -0.03	56.72 3.86 -0.01	54.21 3.54 -0.01	49.51 3.24 -0.01
ASTORIA_GT_10 24110	50.63 2.96 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.20 2.57 -0.01	53.17 3.06 -0.01	58.20 3.35 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.42 4.06 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.52 3.70 -0.01	57.43 3.61 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.30 3.44 -0.01	53.86 3.19 -0.01	49.23 2.96 -0.01
ASTORIA_GT_11 24225	50.63 2.96 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.20 2.57 -0.01	53.17 3.06 -0.01	58.20 3.35 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.42 4.06 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.52 3.70 -0.01	57.43 3.61 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.30 3.44 -0.01	53.86 3.19 -0.01	49.23 2.96 -0.01
ASTORIA_GT_12 24226	50.63 2.96 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.20 2.57 -0.01	53.17 3.06 -0.01	58.20 3.35 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.42 4.06 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.52 3.70 -0.01	57.43 3.61 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.30 3.44 -0.01	53.86 3.19 -0.01	49.23 2.96 -0.01
ASTORIA_GT_13 24227	50.63 2.96 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.20 2.57 -0.01	53.17 3.06 -0.01	58.20 3.35 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.42 4.06 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.52 3.70 -0.01	57.43 3.61 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.30 3.44 -0.01	53.86 3.19 -0.01	49.23 2.96 -0.01
ASTORIA_GT_5 24106	50.92 3.24 -0.01	46.54 2.84 -0.01	45.20 2.72 -0.01	43.22 2.52 -0.01	42.56 2.63 -0.01	46.47 2.84 -0.01	53.47 3.36 -0.01	58.70 3.84 -0.01	60.71 4.02 -0.01	60.82 4.08 -0.01	60.71 4.34 -0.01	60.52 4.22 -0.01	56.47 3.89 -0.01	54.44 3.61 -0.01	53.33 3.77 -0.02	53.16 3.62 -0.02	53.49 3.73 -0.01	56.78 3.96 -0.01	57.76 3.93 -0.01	61.29 4.49 -0.01	62.52 4.68 -0.03	56.78 3.91 -0.01	54.21 3.55 -0.01	49.51 3.24 -0.01
ASTORIA_GT_7 24107	50.92 3.24 -0.01	46.54 2.84 -0.01	45.20 2.72 -0.01	43.22 2.52 -0.01	42.56 2.63 -0.01	46.47 2.84 -0.01	53.47 3.36 -0.01	58.70 3.84 -0.01	60.71 4.02 -0.01	60.82 4.08 -0.01	60.71 4.34 -0.01	60.52 4.22 -0.01	56.47 3.89 -0.01	54.44 3.61 -0.01	53.33 3.77 -0.02	53.16 3.62 -0.02	53.49 3.73 -0.01	56.78 3.96 -0.01	57.76 3.93 -0.01	61.29 4.49 -0.01	62.52 4.68 -0.03	56.78 3.91 -0.01	54.21 3.55 -0.01	49.51 3.24 -0.01
ASTORIA_GT_8 24108	50.92 3.24 -0.01	46.54 2.84 -0.01	45.20 2.72 -0.01	43.22 2.52 -0.01	42.56 2.63 -0.01	46.47 2.84 -0.01	53.47 3.36 -0.01	58.70 3.84 -0.01	60.71 4.02 -0.01	60.82 4.08 -0.01	60.71 4.34 -0.01	60.52 4.22 -0.01	56.47 3.89 -0.01	54.44 3.61 -0.01	53.33 3.77 -0.02	53.16 3.62 -0.02	53.49 3.73 -0.01	56.78 3.96 -0.01	57.76 3.93 -0.01	61.29 4.49 -0.01	62.52 4.68 -0.03	56.78 3.91 -0.01	54.21 3.55 -0.01	49.51 3.24 -0.01
ASTORIA___2 24149	50.77 3.10 -0.01	46.45 2.75 -0.01	45.12 2.63 -0.01	43.14 2.44 -0.01	42.37 2.44 -0.01	46.29 2.66 -0.01	53.37 3.26 -0.01	58.59 3.73 -0.01	60.55 3.86 -0.01	60.82 4.09 -0.01	60.60 4.23 -0.01	60.46 4.16 -0.01	56.32 3.73 -0.01	54.39 3.56 -0.01	53.17 3.61 -0.01	53.10 3.57 -0.01	53.39 3.63 -0.01	56.63 3.80 -0.01	57.71 3.88 -0.01	61.23 4.43 -0.01	62.40 4.57 -0.03	56.62 3.75 -0.01	54.16 3.49 -0.01	49.42 3.15 -0.01
ASTORIA___3 23516	50.58 2.91 -0.01	46.32 2.62 -0.01	44.99 2.51 -0.01	43.02 2.32 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.17 3.06 -0.01	58.21 3.35 -0.01	60.42 3.74 -0.01	60.70 3.97 -0.01	60.42 4.06 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.46 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.30 3.43 -0.01	53.91 3.24 -0.01	49.19 2.92 -0.01
ASTORIA___4 23517	50.63 2.96 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.20 2.57 -0.01	53.17 3.06 -0.01	58.20 3.35 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.42 4.06 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.52 3.70 -0.01	57.43 3.61 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.30 3.44 -0.01	53.86 3.19 -0.01	49.23 2.96 -0.01
ASTORIA___5 23518	50.58 2.91 -0.01	46.32 2.62 -0.01	44.99 2.51 -0.01	43.02 2.32 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.17 3.06 -0.01	58.21 3.35 -0.01	60.42 3.74 -0.01	60.70 3.97 -0.01	60.42 4.06 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.46 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.30 3.43 -0.01	53.91 3.24 -0.01	49.19 2.92 -0.01
AST_ENERGY_2_CC3 323677	50.29 2.62 0.00	46.05 2.36 0.00	44.77 2.29 0.00	42.77 2.07 0.00	42.00 2.07 0.00	45.93 2.31 0.00	52.91 2.80 0.00	57.87 3.01 0.00	60.31 3.63 0.00	60.53 3.80 0.00	60.19 3.83 0.00	60.06 3.77 0.00	55.94 3.37 0.00	54.03 3.20 0.00	52.87 3.32 0.00	52.75 3.22 0.00	53.08 3.33 0.00	56.20 3.38 0.00	57.21 3.39 0.00	60.71 3.92 0.00	61.88 4.04 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.95 2.68 0.00
AST_ENERGY_2_CC4 323678	50.29 2.62 0.00	46.05 2.36 0.00	44.77 2.29 0.00	42.77 2.07 0.00	42.00 2.07 0.00	45.93 2.31 0.00	52.91 2.80 0.00	57.87 3.01 0.00	60.31 3.63 0.00	60.53 3.80 0.00	60.19 3.83 0.00	60.06 3.77 0.00	55.94 3.37 0.00	54.03 3.20 0.00	52.87 3.32 0.00	52.75 3.22 0.00	53.08 3.33 0.00	56.20 3.38 0.00	57.21 3.39 0.00	60.71 3.92 0.00	61.88 4.04 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.95 2.68 0.00

ATHENS_STG_1 23668	48.57 0.90 0.00	44.52 0.83 0.00	43.28 0.81 0.00	41.43 0.73 0.00	40.64 0.72 0.00	44.41 0.79 0.00	51.11 1.00 0.00	56.00 1.15 0.00	58.10 1.42 0.00	58.20 1.47 0.00	57.88 1.52 0.00	57.74 1.46 0.00	53.78 1.21 0.00	51.94 1.12 0.00	50.78 1.24 0.00	50.71 1.19 0.00	50.99 1.24 0.00	54.07 1.27 0.00	55.06 1.24 0.00	58.38 1.59 0.00	59.37 1.56 0.00	53.97 1.11 0.00	51.67 1.01 0.00	47.24 0.97 0.00
ATHENS_STG_2 23670	48.57 0.90 0.00	44.52 0.83 0.00	43.28 0.81 0.00	41.43 0.73 0.00	40.64 0.72 0.00	44.41 0.79 0.00	51.11 1.00 0.00	56.00 1.15 0.00	58.10 1.42 0.00	58.20 1.47 0.00	57.88 1.52 0.00	57.74 1.46 0.00	53.78 1.21 0.00	51.94 1.12 0.00	50.78 1.24 0.00	50.71 1.19 0.00	50.99 1.24 0.00	54.07 1.27 0.00	55.06 1.24 0.00	58.38 1.59 0.00	59.37 1.56 0.00	53.97 1.11 0.00	51.67 1.01 0.00	47.24 0.97 0.00
ATHENS_STG_3 23677	48.57 0.90 0.00	44.52 0.83 0.00	43.28 0.81 0.00	41.43 0.73 0.00	40.64 0.72 0.00	44.41 0.79 0.00	51.11 1.00 0.00	56.00 1.15 0.00	58.10 1.42 0.00	58.20 1.47 0.00	57.88 1.52 0.00	57.74 1.46 0.00	53.78 1.21 0.00	51.94 1.12 0.00	50.78 1.24 0.00	50.71 1.19 0.00	50.99 1.24 0.00	54.07 1.27 0.00	55.06 1.24 0.00	58.38 1.59 0.00	59.37 1.56 0.00	53.97 1.11 0.00	51.67 1.01 0.00	47.24 0.97 0.00
AUBURN___LFGE 323710	47.67 0.00 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.69 0.00 0.00	39.80 -0.12 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	55.02 0.16 0.00	56.96 0.28 0.00	56.95 0.23 0.00	56.64 0.28 0.00	56.45 0.17 0.00	52.62 0.05 0.00	51.03 0.20 0.00	49.59 0.05 0.00	49.67 0.15 0.00	49.89 0.15 0.00	52.97 0.16 0.00	54.09 0.27 0.00	57.30 0.51 0.00	58.32 0.52 0.00	53.07 0.21 0.00	50.91 0.25 0.00	46.36 0.09 0.00
BABYLON_RES_REC 323704	49.38 1.71 0.00	45.26 1.57 0.00	43.88 1.40 0.00	41.79 1.10 0.00	41.12 1.20 0.00	45.02 1.40 0.00	51.66 1.55 0.00	55.33 0.93 0.46	58.32 1.64 0.00	58.48 1.76 0.00	57.93 1.58 0.00	57.91 1.63 0.00	53.83 1.26 0.00	51.99 1.17 0.00	50.98 1.44 0.00	50.90 1.38 0.00	51.23 1.49 0.00	54.34 1.53 0.00	55.37 1.56 0.00	58.65 1.87 0.00	59.47 1.90 0.24	53.91 1.06 0.01	51.71 1.07 0.01	48.07 1.80 0.00
BABYLON__69_KV_BK2 356345	49.76 2.10 0.00	45.48 1.79 0.00	44.05 1.57 0.00	42.04 1.34 0.00	41.56 1.64 0.00	45.58 1.96 0.00	52.06 1.95 0.00	56.08 1.70 0.47	59.39 2.72 0.00	59.39 2.67 0.00	58.83 2.48 0.00	58.75 2.48 0.00	54.88 2.31 0.00	52.75 1.93 0.00	51.87 2.33 0.00	51.65 2.13 0.00	52.03 2.29 0.00	55.50 2.69 0.00	56.29 2.48 0.00	59.62 2.84 0.00	60.74 3.18 0.25	54.76 1.90 0.01	52.52 1.87 0.01	48.39 2.13 0.00
BALL_HILL_WT_PWR 323825	46.33 -1.33 0.00	42.07 -1.62 0.00	40.95 -1.53 0.00	39.43 -1.26 0.00	38.40 -1.52 0.00	41.92 -1.70 0.00	48.15 -1.95 0.00	52.77 -2.08 0.00	54.47 -2.21 0.00	54.85 -1.87 0.00	54.16 -2.20 0.00	54.37 -1.91 0.00	50.63 -1.94 0.00	48.94 -1.88 0.00	47.12 -2.43 0.00	47.64 -1.88 0.00	47.90 -1.84 0.00	50.86 -1.95 0.00	51.99 -1.83 0.00	55.37 -1.42 0.00	56.30 -1.50 0.00	51.17 -1.69 0.00	49.29 -1.37 0.00	45.20 -1.06 0.00
BARON_WINDS___WT_PWR 323822	47.05 -0.62 0.00	42.82 -0.87 0.00	41.71 -0.76 0.00	40.08 -0.61 0.00	39.12 -0.80 0.00	42.79 -0.83 0.00	49.21 -0.90 0.00	53.92 -0.93 0.00	55.60 -1.08 0.00	55.88 -0.85 0.00	55.06 -1.29 0.00	55.10 -1.18 0.00	51.20 -1.37 0.00	49.55 -1.27 0.00	47.96 -1.59 0.00	48.24 -1.29 0.00	48.60 -1.14 0.00	51.65 -1.16 0.00	52.79 -1.02 0.00	56.28 -0.51 0.00	57.28 -0.52 0.00	52.07 -0.79 0.00	50.10 -0.56 0.00	45.80 -0.46 0.00
BARRETT_IC_1 23704	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_10 23701	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_11 23702	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_12 23703	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_2 23705	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_3 23706	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_4 23707	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00

BARRETT_IC_5 23708	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_6 23709	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_7 23710	49.48 1.81 0.00	45.31 1.62 0.00	43.92 1.44 0.00	41.91 1.22 0.00	41.40 1.48 0.00	45.32 1.70 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.88 2.21 0.00	58.93 2.21 0.00	58.55 2.20 0.00	58.47 2.20 0.00	54.62 2.05 0.00	52.55 1.73 0.00	51.67 2.13 0.00	51.40 1.88 0.00	51.73 1.99 0.00	54.86 2.06 0.00	55.70 1.88 0.00	59.00 2.21 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.07 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_8 23711	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT_IC_9 23700	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT___1 23545	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BARRETT___2 23546	49.38 1.71 0.00	45.31 1.62 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.66 1.55 0.00	56.19 1.37 0.03	58.77 2.10 0.00	58.93 2.21 0.00	58.54 2.20 0.00	58.53 2.25 0.00	54.46 1.89 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.45 1.93 0.00	51.73 1.99 0.00	54.70 1.90 0.00	55.70 1.88 0.00	59.06 2.27 0.00	60.40 2.60 0.00	54.33 1.48 0.01	52.06 1.42 0.01	47.98 1.71 0.00
BATAVIA__115KV_TB1 55881	46.05 -1.62 0.00	42.25 -1.44 0.00	41.12 -1.36 0.00	39.59 -1.10 0.00	38.13 -1.80 0.00	41.92 -1.70 0.00	48.10 -2.00 0.00	52.71 -2.14 0.00	54.64 -2.04 0.00	53.95 -2.78 0.00	54.33 -2.03 0.00	54.09 -2.20 0.00	50.36 -2.21 0.00	48.89 -1.93 0.00	47.22 -2.33 0.00	47.69 -1.83 0.00	47.90 -1.84 0.00	50.91 -1.90 0.00	52.10 -1.72 0.00	55.48 -1.31 0.00	56.59 -1.21 0.00	51.27 -1.59 0.00	49.59 -1.06 0.00	45.29 -0.97 0.00
BAYONEEC___CTG1 323682	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG10 323750	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG2 323683	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG3 323684	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG4 323685	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG5 323686	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG6 323687	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00

BAYONEEC___CTG7 323688	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG8 323689	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BAYONEEC___CTG9 323749	50.24 2.57 0.00	46.00 2.31 0.00	44.73 2.25 0.00	42.73 2.03 0.00	41.96 2.03 0.00	45.89 2.27 0.00	52.86 2.75 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.41 3.69 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.14 3.33 0.00	57.11 3.28 0.00	60.66 3.86 0.00	61.82 3.99 -0.03	55.92 3.06 0.00	53.54 2.89 0.00	48.90 2.64 0.00
BEACON___LESR 323632	48.62 0.95 0.00	44.61 0.92 0.00	43.33 0.85 0.00	41.55 0.86 0.00	40.80 0.88 0.00	44.49 0.87 0.00	51.31 1.20 0.00	56.22 1.37 0.00	58.21 1.53 0.00	58.42 1.70 0.00	58.04 1.69 0.00	57.86 1.57 0.00	53.73 1.16 0.00	51.99 1.17 0.00	50.78 1.24 0.00	50.76 1.24 0.00	51.09 1.34 0.00	54.23 1.43 0.00	55.27 1.45 0.00	58.60 1.82 0.00	59.60 1.79 0.00	54.08 1.22 0.00	51.77 1.11 0.00	47.28 1.02 0.00
BEAVER RIVER___HYD 24048	47.62 -0.05 0.00	43.78 0.09 0.00	42.56 0.09 0.00	40.73 0.04 0.00	40.04 0.12 0.00	43.75 0.13 0.00	50.01 -0.10 0.00	54.63 -0.22 0.00	56.34 -0.34 0.00	56.44 -0.28 0.00	55.85 -0.51 0.00	55.61 -0.67 0.00	51.99 -0.58 0.00	50.22 -0.61 0.00	48.90 -0.65 0.00	48.88 -0.65 0.00	49.05 -0.70 0.00	52.18 -0.63 0.00	53.60 -0.21 0.00	56.96 0.17 0.00	57.98 0.17 0.00	53.07 0.21 0.00	50.76 0.10 0.00	46.22 -0.05 0.00
BEEBEE_GT_13 23619	46.57 -1.10 0.00	42.64 -1.05 0.00	41.50 -0.98 0.00	39.92 -0.77 0.00	38.72 -1.20 0.00	42.44 -1.18 0.00	48.70 -1.40 0.00	53.37 -1.48 0.00	55.32 -1.36 0.00	55.02 -1.70 0.00	55.11 -1.24 0.00	54.99 -1.29 0.00	51.20 -1.37 0.00	49.65 -1.17 0.00	48.16 -1.39 0.00	48.38 -1.14 0.00	48.55 -1.19 0.00	51.54 -1.27 0.00	52.63 -1.18 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	51.75 -1.11 0.00	49.90 -0.76 0.00	45.52 -0.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.14 3.38 -0.09	50.91 2.97 -4.25	50.90 2.89 -5.54	50.89 2.65 -7.55	51.00 2.75 -8.32	50.91 2.97 -4.33	53.62 3.51 -0.01	58.70 3.84 -0.01	61.05 4.36 -0.01	61.15 4.42 -0.01	61.94 4.79 -0.79	62.87 4.62 -1.97	59.23 4.31 -2.34	56.93 4.07 -2.04	55.23 4.16 -1.53	55.66 4.06 -2.08	54.47 4.13 -0.59	60.20 4.33 -3.06	58.07 4.25 -0.01	61.62 4.83 -0.01	62.92 5.09 -0.03	56.78 3.91 -0.01	57.39 3.70 -3.04	51.76 3.38 -2.12
BETHLEHEM___GRP 23843	47.91 0.24 0.00	43.91 0.22 0.00	42.73 0.25 0.00	40.98 0.28 0.00	40.28 0.36 0.00	43.84 0.22 0.00	50.51 0.40 0.00	55.29 0.44 0.00	57.30 0.62 0.00	57.35 0.62 0.00	57.03 0.68 0.00	56.79 0.51 0.00	52.89 0.32 0.00	51.18 0.36 0.00	49.99 0.45 0.00	49.92 0.40 0.00	50.24 0.50 0.00	53.34 0.53 0.00	54.30 0.48 0.00	57.53 0.74 0.00	58.50 0.69 0.00	53.18 0.32 0.00	50.91 0.25 0.00	46.49 0.23 0.00
BETHLEHEM___GS1 323560	47.86 0.19 0.00	43.91 0.22 0.00	42.69 0.21 0.00	40.98 0.29 0.00	40.20 0.28 0.00	43.84 0.22 0.00	50.51 0.40 0.00	55.29 0.44 0.00	57.24 0.57 0.00	57.41 0.68 0.00	57.03 0.68 0.00	56.85 0.56 0.00	52.89 0.32 0.00	51.13 0.31 0.00	49.99 0.44 0.00	49.97 0.44 0.00	50.24 0.50 0.00	53.34 0.53 0.00	54.30 0.48 0.00	57.52 0.74 0.00	58.50 0.70 0.00	53.18 0.32 0.00	50.91 0.25 0.00	46.50 0.23 0.00
BETHLEHEM___GS2 323561	47.86 0.19 0.00	43.91 0.22 0.00	42.69 0.21 0.00	40.98 0.29 0.00	40.20 0.28 0.00	43.84 0.22 0.00	50.51 0.40 0.00	55.29 0.44 0.00	57.24 0.57 0.00	57.41 0.68 0.00	57.03 0.68 0.00	56.85 0.56 0.00	52.89 0.32 0.00	51.13 0.31 0.00	49.99 0.44 0.00	49.97 0.44 0.00	50.24 0.50 0.00	53.34 0.53 0.00	54.30 0.48 0.00	57.52 0.74 0.00	58.50 0.70 0.00	53.18 0.32 0.00	50.91 0.25 0.00	46.50 0.23 0.00
BETHLEHEM___GS3 323562	47.86 0.19 0.00	43.91 0.22 0.00	42.69 0.21 0.00	40.98 0.29 0.00	40.20 0.28 0.00	43.84 0.22 0.00	50.51 0.40 0.00	55.29 0.44 0.00	57.24 0.57 0.00	57.41 0.68 0.00	57.03 0.68 0.00	56.85 0.56 0.00	52.89 0.32 0.00	51.13 0.31 0.00	49.99 0.44 0.00	49.97 0.44 0.00	50.24 0.50 0.00	53.34 0.53 0.00	54.30 0.48 0.00	57.52 0.74 0.00	58.50 0.70 0.00	53.18 0.32 0.00	50.91 0.25 0.00	46.50 0.23 0.00
BETHLEHEM___STEEL 23779	45.52 -2.15 0.00	41.85 -1.83 0.00	40.69 -1.78 0.00	39.19 -1.51 0.00	37.69 -2.24 0.00	41.48 -2.14 0.00	47.75 -2.35 0.00	52.27 -2.58 0.00	54.07 -2.61 0.00	53.32 -3.40 0.00	53.76 -2.59 0.00	53.47 -2.81 0.00	49.94 -2.63 0.00	48.54 -2.29 0.00	46.77 -2.77 0.00	47.34 -2.18 0.00	47.61 -2.14 0.00	50.48 -2.32 0.00	51.66 -2.15 0.00	55.03 -1.76 0.00	55.90 -1.91 0.00	50.80 -2.06 0.00	49.04 -1.62 0.00	44.88 -1.39 0.00
BETHLHEM_115KV_TB1 79974	48.05 0.38 0.00	43.99 0.31 0.00	42.82 0.34 0.00	41.06 0.37 0.00	40.36 0.44 0.00	43.93 0.31 0.00	50.61 0.50 0.00	55.45 0.60 0.00	57.41 0.74 0.00	57.46 0.74 0.00	57.14 0.79 0.00	56.90 0.62 0.00	53.04 0.47 0.00	51.28 0.46 0.00	50.09 0.54 0.00	50.07 0.54 0.00	50.34 0.60 0.00	53.44 0.63 0.00	54.46 0.65 0.00	57.64 0.85 0.00	58.61 0.81 0.00	53.28 0.42 0.00	51.06 0.41 0.00	46.63 0.37 0.00
BETHPAGE_CC_5 323564	49.43 1.76 0.00	45.31 1.62 0.00	43.92 1.45 0.00	41.87 1.18 0.00	41.16 1.24 0.00	45.11 1.48 0.00	51.66 1.55 0.00	55.80 1.37 0.42	58.83 2.15 0.00	59.05 2.33 0.00	58.61 2.26 0.00	58.59 2.31 0.00	54.51 1.95 0.00	52.60 1.78 0.00	51.57 2.03 0.00	51.50 1.98 0.00	51.78 2.04 0.00	54.86 2.06 0.00	55.86 2.04 0.00	59.22 2.44 0.00	60.30 2.72 0.22	54.44 1.58 0.01	52.12 1.47 0.01	48.12 1.85 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.62 -2.05 0.00	41.90 -1.79 0.00	40.78 -1.70 0.00	39.23 -1.46 0.00	37.77 -2.16 0.00	41.57 -2.05 0.00	47.85 -2.25 0.00	52.38 -2.47 0.00	54.18 -2.49 0.00	53.49 -3.23 0.00	53.93 -2.42 0.00	53.58 -2.70 0.00	50.05 -2.52 0.00	48.69 -2.13 0.00	46.87 -2.68 0.00	47.44 -2.08 0.00	47.70 -2.04 0.00	50.59 -2.22 0.00	51.77 -2.05 0.00	55.14 -1.65 0.00	56.01 -1.79 0.00	50.90 -1.96 0.00	49.14 -1.52 0.00	44.97 -1.30 0.00

BINGHAMTON___COGEN 23790	47.67 0.00 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.69 0.00 0.00	39.76 -0.16 0.00	43.53 -0.09 0.00	50.11 0.00 0.00	54.96 0.11 0.00	56.85 0.17 0.00	56.72 0.00 0.00	56.52 0.17 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.57 0.05 0.00	49.79 0.05 0.00	52.86 0.05 0.00	53.92 0.11 0.00	57.24 0.45 0.00	58.21 0.40 0.00	52.97 0.11 0.00	50.81 0.15 0.00	46.40 0.14 0.00
BIXINCNT_115KV_LOAD 355685	46.05 -1.62 0.00	42.33 -1.35 0.00	41.16 -1.32 0.00	39.59 -1.10 0.00	38.21 -1.72 0.00	42.05 -1.57 0.00	48.45 -1.65 0.00	53.21 -1.65 0.00	54.86 -1.81 0.00	54.17 -2.55 0.00	54.55 -1.80 0.00	54.14 -2.14 0.00	50.57 -2.00 0.00	49.15 -1.68 0.00	47.31 -2.23 0.00	47.84 -1.68 0.00	48.10 -1.64 0.00	51.07 -1.74 0.00	52.20 -1.61 0.00	55.77 -1.02 0.00	56.65 -1.16 0.00	51.43 -1.43 0.00	49.59 -1.06 0.00	45.34 -0.93 0.00
BLACK RIVER___HYD 24047	47.76 0.10 0.00	43.82 0.13 0.00	42.60 0.13 0.00	40.82 0.12 0.00	40.08 0.16 0.00	43.80 0.18 0.00	50.16 0.05 0.00	54.74 -0.11 0.00	56.51 -0.17 0.00	56.72 0.00 0.00	56.02 -0.34 0.00	55.78 -0.51 0.00	52.10 -0.47 0.00	50.26 -0.56 0.00	48.90 -0.65 0.00	48.88 -0.65 0.00	49.10 -0.65 0.00	52.28 -0.53 0.00	53.87 0.05 0.00	57.52 0.74 0.00	58.50 0.70 0.00	53.39 0.53 0.00	51.01 0.36 0.00	46.36 0.09 0.00
BLACKRVR_115KV_TB2 79977	47.71 0.05 0.00	43.82 0.13 0.00	42.60 0.13 0.00	40.82 0.12 0.00	40.08 0.16 0.00	43.80 0.17 0.00	50.16 0.05 0.00	54.74 -0.11 0.00	56.51 -0.17 0.00	56.61 -0.11 0.00	56.02 -0.34 0.00	55.72 -0.56 0.00	52.10 -0.47 0.00	50.26 -0.56 0.00	48.90 -0.64 0.00	48.88 -0.64 0.00	49.10 -0.65 0.00	52.28 -0.53 0.00	53.87 0.05 0.00	57.53 0.74 0.00	58.50 0.69 0.00	53.39 0.53 0.00	51.01 0.35 0.00	46.40 0.14 0.00
BLISS_WT_PWR 323608	46.52 -1.14 0.00	42.25 -1.44 0.00	41.16 -1.32 0.00	39.63 -1.06 0.00	38.56 -1.36 0.00	42.22 -1.40 0.00	48.50 -1.61 0.00	53.21 -1.64 0.00	54.86 -1.82 0.00	55.25 -1.48 0.00	54.61 -1.75 0.00	54.71 -1.58 0.00	50.89 -1.68 0.00	49.25 -1.58 0.00	47.32 -2.23 0.00	47.89 -1.63 0.00	48.15 -1.59 0.00	51.12 -1.69 0.00	52.25 -1.56 0.00	55.71 -1.08 0.00	56.65 -1.16 0.00	51.48 -1.37 0.00	49.59 -1.07 0.00	45.38 -0.88 0.00
BLUESTONE___WT_PWR 323821	50.10 2.43 0.00	45.83 2.14 0.00	44.60 2.12 0.00	42.73 2.03 0.00	41.92 2.00 0.00	45.89 2.27 0.00	52.81 2.70 0.00	57.92 3.07 0.00	60.02 3.34 0.00	60.41 3.69 0.00	59.68 3.32 0.00	59.55 3.26 0.00	55.36 2.78 0.00	53.51 2.69 0.00	52.12 2.57 0.00	52.10 2.57 0.00	52.23 2.49 0.00	55.39 2.59 0.00	56.83 3.01 0.00	60.59 3.81 0.00	61.56 3.76 0.00	55.82 2.96 0.00	53.39 2.73 0.00	48.67 2.40 0.00
BLUE_CIRC_CHEM_DRP 24182	48.57 0.91 0.00	44.52 0.83 0.00	43.28 0.81 0.00	41.47 0.77 0.00	40.76 0.84 0.00	44.45 0.83 0.00	51.11 1.00 0.00	55.95 1.10 0.00	57.92 1.25 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.35 1.07 0.00	53.41 0.84 0.00	51.69 0.86 0.00	50.44 0.89 0.00	50.41 0.89 0.00	50.79 1.04 0.00	53.92 1.11 0.00	54.95 1.13 0.00	58.21 1.42 0.00	59.19 1.39 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.14 0.88 0.00
BOC_GAS_DRP 24189	48.33 0.67 0.00	44.26 0.57 0.00	43.03 0.55 0.00	41.22 0.53 0.00	40.52 0.60 0.00	44.19 0.57 0.00	50.86 0.75 0.00	55.73 0.88 0.00	57.70 1.02 0.00	57.75 1.02 0.00	57.42 1.07 0.00	57.24 0.96 0.00	53.36 0.79 0.00	51.59 0.76 0.00	50.39 0.84 0.00	50.32 0.79 0.00	50.59 0.85 0.00	53.76 0.95 0.00	54.73 0.91 0.00	57.92 1.14 0.00	58.90 1.10 0.00	53.60 0.74 0.00	51.37 0.71 0.00	46.91 0.65 0.00
BOONVILLE_115KV_TB1 79983	48.43 0.76 0.00	44.43 0.74 0.00	43.20 0.72 0.00	41.38 0.69 0.00	40.60 0.68 0.00	44.41 0.79 0.00	50.96 0.85 0.00	55.78 0.93 0.00	57.70 1.02 0.00	57.80 1.08 0.00	57.31 0.96 0.00	57.13 0.84 0.00	53.31 0.74 0.00	51.48 0.66 0.00	50.19 0.64 0.00	50.17 0.64 0.00	50.34 0.60 0.00	53.44 0.63 0.00	54.73 0.91 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.86 1.00 0.00	51.57 0.91 0.00	47.00 0.74 0.00
BORALEX_4TH_BRANCH 23824	49.38 1.72 0.00	45.13 1.44 0.00	43.79 1.32 0.00	41.91 1.22 0.00	41.20 1.28 0.00	45.02 1.40 0.00	51.91 1.80 0.00	56.99 2.14 0.00	59.00 2.32 0.00	58.94 2.21 0.00	58.66 2.31 0.00	58.31 2.03 0.00	54.36 1.79 0.00	52.50 1.68 0.00	51.28 1.73 0.00	51.26 1.73 0.00	51.58 1.84 0.00	54.87 2.06 0.00	56.02 2.21 0.00	59.34 2.56 0.00	60.29 2.49 0.00	54.76 1.90 0.00	52.38 1.72 0.00	47.84 1.57 0.00
BOWLINE___1 23526	49.48 1.81 0.00	45.31 1.62 0.00	44.05 1.57 0.00	42.12 1.42 0.00	41.36 1.44 0.00	45.19 1.57 0.00	52.06 1.95 0.00	57.05 2.20 0.00	59.29 2.61 0.00	59.45 2.72 0.00	59.17 2.82 0.00	58.99 2.70 0.00	54.94 2.37 0.00	53.06 2.23 0.00	51.87 2.33 0.00	51.80 2.28 0.00	52.08 2.34 0.00	55.24 2.43 0.00	56.18 2.37 0.00	59.68 2.89 0.00	60.70 2.89 -0.01	55.03 2.17 0.00	52.68 2.03 0.00	48.12 1.85 0.00
BOWLINE___2 23595	49.48 1.81 0.00	45.31 1.62 0.00	44.05 1.57 0.00	42.12 1.42 0.00	41.36 1.44 0.00	45.19 1.57 0.00	52.06 1.95 0.00	57.05 2.20 0.00	59.29 2.61 0.00	59.45 2.72 0.00	59.17 2.82 0.00	58.99 2.70 0.00	54.94 2.37 0.00	53.06 2.23 0.00	51.87 2.33 0.00	51.80 2.28 0.00	52.08 2.34 0.00	55.24 2.43 0.00	56.18 2.37 0.00	59.68 2.89 0.00	60.70 2.89 -0.01	55.03 2.17 0.00	52.68 2.03 0.00	48.12 1.85 0.00
BRADY___115KV_TB2 356060	47.76 0.10 0.00	44.21 0.52 0.00	42.99 0.51 0.00	41.18 0.49 0.00	40.40 0.48 0.00	44.19 0.57 0.00	50.16 0.05 0.00	54.69 -0.16 0.00	56.11 -0.57 0.00	56.21 -0.51 0.00	55.57 -0.79 0.00	55.66 -0.62 0.00	52.26 -0.32 0.00	50.52 -0.30 0.00	49.15 -0.40 0.00	49.18 -0.35 0.00	49.30 -0.45 0.00	52.39 -0.42 0.00	53.49 -0.32 0.00	56.11 -0.68 0.00	57.28 -0.52 0.00	52.97 0.11 0.00	50.76 0.10 0.00	46.31 0.05 0.00
BRANSCOMB___SOLAR 323811	49.62 1.96 0.00	45.52 1.83 0.00	44.26 1.78 0.00	42.32 1.63 0.00	41.56 1.64 0.00	45.37 1.75 0.00	52.26 2.15 0.00	57.26 2.41 0.00	59.29 2.61 0.00	59.45 2.72 0.00	59.17 2.82 0.00	58.87 2.59 0.00	54.62 2.05 0.00	52.91 2.08 0.00	51.62 2.08 0.00	51.65 2.13 0.00	52.03 2.29 0.00	55.24 2.43 0.00	56.35 2.53 0.00	59.85 3.06 0.00	60.81 3.00 0.00	55.13 2.27 0.00	52.78 2.13 0.00	48.16 1.90 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	49.48 1.81 0.00	45.22 1.53 0.00	43.79 1.32 0.00	41.79 1.10 0.00	41.32 1.40 0.00	45.32 1.70 0.00	51.76 1.65 0.00	55.77 1.43 0.51	59.05 2.38 0.00	59.05 2.33 0.00	58.43 2.09 0.00	58.30 2.03 0.00	54.51 1.95 0.00	52.39 1.58 0.00	51.52 1.98 0.00	51.30 1.78 0.00	51.68 1.94 0.00	55.13 2.32 0.00	55.91 2.10 0.00	59.17 2.39 0.00	60.25 2.72 0.27	54.38 1.53 0.01	52.22 1.57 0.01	48.07 1.80 0.00

BRISTLHL_115KV_TB1 79998	46.90 -0.76 0.00	42.95 -0.74 0.00	41.71 -0.76 0.00	40.00 -0.69 0.00	39.16 -0.76 0.00	42.84 -0.79 0.00	49.25 -0.85 0.00	53.97 -0.88 0.00	55.88 -0.79 0.00	55.93 -0.79 0.00	55.62 -0.73 0.00	55.49 -0.79 0.00	51.73 -0.84 0.00	50.06 -0.76 0.00	48.70 -0.84 0.00	48.73 -0.79 0.00	48.90 -0.85 0.00	51.91 -0.90 0.00	52.96 -0.86 0.00	56.05 -0.74 0.00	57.11 -0.69 0.00	52.01 -0.85 0.00	49.85 -0.81 0.00	45.48 -0.79 0.00
BROOKHAVEN___DRP 24191	48.57 0.91 0.00	44.39 0.70 0.00	42.99 0.51 0.00	40.98 0.28 0.00	40.56 0.64 0.00	44.54 0.92 0.00	51.41 1.30 0.00	55.38 1.04 0.51	58.54 1.87 0.00	58.54 1.82 0.00	57.42 1.07 0.00	57.40 1.13 0.00	53.62 1.05 0.00	51.48 0.66 0.00	50.68 1.14 0.00	50.46 0.94 0.00	50.83 1.09 0.00	54.28 1.48 0.00	55.10 1.29 0.00	58.32 1.53 0.00	59.32 1.79 0.27	53.49 0.63 0.01	51.71 1.06 0.01	47.61 1.34 0.00
BROOKLYN_NAVY_YARD 23515	50.24 2.57 0.00	46.00 2.31 0.00	44.68 2.21 0.00	42.69 1.99 0.00	41.92 2.00 0.00	45.89 2.27 0.00	52.81 2.70 0.00	57.81 2.96 0.00	60.26 3.57 0.00	60.47 3.74 0.00	60.14 3.78 0.00	60.00 3.71 0.00	55.89 3.31 0.00	53.98 3.15 0.00	52.82 3.27 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.20 3.38 0.00	57.21 3.39 0.00	60.71 3.92 0.00	61.94 4.10 -0.03	55.92 3.06 0.00	53.49 2.84 0.00	48.85 2.59 0.00
BROOKLYN___ARMY_DRP 323595	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
BROOKVLE_69_KV_TB1 55790	50.05 2.38 0.00	45.79 2.10 0.00	44.43 1.95 0.00	42.40 1.71 0.00	41.84 1.92 0.00	45.80 2.18 0.00	52.41 2.30 0.00	57.06 2.41 0.21	59.79 3.12 0.00	59.84 3.12 0.00	59.62 3.27 0.00	59.49 3.21 0.00	55.56 3.00 0.00	53.56 2.74 0.00	52.51 2.97 0.00	52.34 2.82 0.00	52.62 2.89 0.00	55.76 2.96 0.00	56.66 2.85 0.00	60.08 3.29 0.00	61.27 3.58 0.12	55.29 2.43 0.00	53.03 2.38 0.00	48.62 2.36 0.00
BROOME_2_LFGE 323671	47.76 0.10 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.69 0.00 0.00	39.84 -0.08 0.00	43.58 -0.04 0.00	50.11 0.00 0.00	54.96 0.11 0.00	56.85 0.17 0.00	57.07 0.34 0.00	56.52 0.17 0.00	56.51 0.23 0.00	52.57 0.00 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.57 0.05 0.00	49.79 0.05 0.00	52.86 0.05 0.00	53.93 0.11 0.00	57.24 0.45 0.00	58.26 0.46 0.00	52.97 0.11 0.00	50.81 0.15 0.00	46.40 0.14 0.00
BROOME___LFGE 323600	47.76 0.10 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.69 0.00 0.00	39.84 -0.08 0.00	43.58 -0.04 0.00	50.11 0.00 0.00	54.96 0.11 0.00	56.85 0.17 0.00	57.07 0.34 0.00	56.52 0.17 0.00	56.51 0.23 0.00	52.57 0.00 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.57 0.05 0.00	49.79 0.05 0.00	52.86 0.05 0.00	53.93 0.11 0.00	57.24 0.45 0.00	58.26 0.46 0.00	52.97 0.11 0.00	50.81 0.15 0.00	46.40 0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	47.00 -0.67 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.64 -0.28 0.00	43.32 -0.31 0.00	49.30 -0.80 0.00	53.81 -1.04 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.36 -1.21 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.24 -1.29 0.00	48.40 -1.34 0.00	51.43 -1.37 0.00	52.69 -1.13 0.00	55.71 -1.08 0.00	56.71 -1.10 0.00	52.28 -0.58 0.00	50.00 -0.66 0.00	45.57 -0.69 0.00
BROWNSV1_27_KV_LOAD 356125	50.67 3.00 0.00	46.31 2.62 0.00	44.98 2.51 0.00	43.01 2.32 0.00	42.36 2.44 0.00	46.24 2.62 0.00	53.21 3.11 0.00	58.25 3.40 0.00	60.76 4.08 0.00	60.81 4.08 0.00	60.64 4.28 0.00	60.40 4.11 0.00	56.41 3.84 0.00	54.39 3.56 0.00	53.27 3.72 0.00	53.14 3.62 0.00	53.43 3.68 0.00	56.67 3.85 0.00	57.64 3.82 0.00	61.17 4.37 0.00	62.40 4.57 -0.03	56.40 3.54 0.00	53.95 3.29 0.00	49.27 3.01 0.00
BURROWS___LYONSDAL 23803	48.24 0.57 0.00	44.26 0.57 0.00	43.03 0.55 0.00	41.22 0.53 0.00	40.48 0.56 0.00	44.23 0.61 0.00	50.76 0.65 0.00	55.51 0.66 0.00	57.41 0.74 0.00	57.52 0.79 0.00	57.03 0.68 0.00	56.79 0.51 0.00	53.04 0.47 0.00	51.18 0.36 0.00	49.89 0.35 0.00	49.87 0.35 0.00	50.04 0.30 0.00	53.18 0.37 0.00	54.46 0.65 0.00	57.87 1.08 0.00	58.84 1.04 0.00	53.71 0.85 0.00	51.37 0.71 0.00	46.82 0.56 0.00
CAITHNESS_CC_1 323624	48.57 0.90 0.00	44.48 0.79 0.00	43.07 0.59 0.00	41.02 0.32 0.00	40.36 0.44 0.00	44.23 0.61 0.00	51.31 1.20 0.00	55.32 0.99 0.52	58.32 1.64 0.00	58.48 1.76 0.00	57.48 1.13 0.00	57.51 1.24 0.00	53.46 0.89 0.00	51.58 0.76 0.00	50.53 0.99 0.00	50.56 1.04 0.00	50.88 1.15 0.00	54.12 1.32 0.00	55.16 1.35 0.00	58.37 1.59 0.00	59.33 1.79 0.27	53.54 0.69 0.01	51.66 1.01 0.01	47.61 1.34 0.00
CALPINE BETH_PAGE_GT4 24209	49.48 1.81 0.00	45.26 1.57 0.00	43.88 1.40 0.00	41.83 1.14 0.00	41.36 1.44 0.00	45.32 1.70 0.00	51.51 1.40 0.00	55.73 1.26 0.38	58.83 2.15 0.00	58.88 2.16 0.00	58.49 2.14 0.00	58.36 2.08 0.00	54.56 2.00 0.00	52.50 1.68 0.00	51.57 2.03 0.00	51.35 1.83 0.00	51.68 1.94 0.00	54.92 2.11 0.00	55.75 1.94 0.00	59.00 2.21 0.00	60.20 2.60 0.20	54.28 1.43 0.01	52.02 1.37 0.01	48.02 1.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	49.38 1.71 0.00	45.26 1.57 0.00	43.88 1.40 0.00	41.83 1.14 0.00	41.12 1.20 0.00	45.06 1.44 0.00	51.51 1.40 0.00	55.74 1.26 0.38	58.71 2.04 0.00	58.93 2.21 0.00	58.49 2.14 0.00	58.47 2.19 0.00	54.41 1.84 0.00	52.49 1.67 0.00	51.47 1.93 0.00	51.35 1.83 0.00	51.68 1.94 0.00	54.76 1.96 0.00	55.75 1.93 0.00	59.06 2.27 0.00	60.21 2.60 0.20	54.28 1.43 0.01	52.02 1.37 0.01	48.02 1.76 0.00
CALPINE_BP_GT1 23823	49.38 1.71 0.00	45.26 1.57 0.00	43.88 1.40 0.00	41.83 1.14 0.00	41.12 1.20 0.00	45.06 1.44 0.00	51.51 1.40 0.00	55.74 1.26 0.38	58.71 2.04 0.00	58.93 2.21 0.00	58.49 2.14 0.00	58.47 2.19 0.00	54.41 1.84 0.00	52.49 1.67 0.00	51.47 1.93 0.00	51.35 1.83 0.00	51.68 1.94 0.00	54.76 1.96 0.00	55.75 1.93 0.00	59.06 2.27 0.00	60.21 2.60 0.20	54.28 1.43 0.01	52.02 1.37 0.01	48.02 1.76 0.00
CALSPAN___DRP 24200	45.52 -2.15 0.00	41.85 -1.83 0.00	40.69 -1.78 0.00	39.19 -1.51 0.00	37.69 -2.24 0.00	41.48 -2.14 0.00	47.75 -2.35 0.00	52.27 -2.58 0.00	54.07 -2.61 0.00	53.32 -3.40 0.00	53.76 -2.59 0.00	53.47 -2.81 0.00	49.94 -2.63 0.00	48.54 -2.29 0.00	46.77 -2.77 0.00	47.34 -2.18 0.00	47.61 -2.14 0.00	50.48 -2.32 0.00	51.66 -2.15 0.00	55.03 -1.76 0.00	55.90 -1.91 0.00	50.80 -2.06 0.00	49.04 -1.62 0.00	44.88 -1.39 0.00

CALVERTON___SOLAR 323806	48.48 0.81 0.00	44.39 0.70 0.00	42.99 0.51 0.00	40.90 0.20 0.00	40.28 0.36 0.00	44.19 0.57 0.00	51.46 1.35 0.00	55.49 1.15 0.51	58.49 1.81 0.00	58.59 1.87 0.00	57.42 1.07 0.00	57.46 1.18 0.00	53.41 0.84 0.00	51.48 0.66 0.00	50.48 0.94 0.00	50.46 0.94 0.00	50.83 1.09 0.00	54.07 1.27 0.00	55.10 1.29 0.00	58.37 1.59 0.00	59.33 1.79 0.27	53.49 0.64 0.01	51.76 1.11 0.01	47.70 1.44 0.00
CANDIGU_WT_PWR 323617	47.05 -0.62 0.00	42.82 -0.87 0.00	41.71 -0.76 0.00	40.08 -0.61 0.00	39.12 -0.80 0.00	42.79 -0.83 0.00	49.21 -0.90 0.00	53.92 -0.93 0.00	55.60 -1.08 0.00	55.88 -0.85 0.00	55.06 -1.29 0.00	55.10 -1.18 0.00	51.20 -1.37 0.00	49.55 -1.27 0.00	47.96 -1.59 0.00	48.24 -1.29 0.00	48.60 -1.14 0.00	51.65 -1.16 0.00	52.79 -1.02 0.00	56.28 -0.51 0.00	57.28 -0.52 0.00	52.07 -0.79 0.00	50.10 -0.56 0.00	45.80 -0.46 0.00
CARR STREET_E_SYR 24060	47.38 -0.28 0.00	43.30 -0.39 0.00	42.09 -0.38 0.00	40.37 -0.33 0.00	39.56 -0.36 0.00	43.23 -0.39 0.00	49.70 -0.40 0.00	54.47 -0.38 0.00	56.34 -0.34 0.00	56.61 -0.11 0.00	56.13 -0.22 0.00	56.11 -0.17 0.00	52.26 -0.31 0.00	50.52 -0.30 0.00	49.15 -0.40 0.00	49.18 -0.34 0.00	49.40 -0.35 0.00	52.44 -0.37 0.00	53.44 -0.37 0.00	56.62 -0.17 0.00	57.63 -0.17 0.00	52.49 -0.37 0.00	50.30 -0.35 0.00	45.89 -0.37 0.00
CARTHAGE___PAPER 23857	47.62 -0.05 0.00	43.73 0.04 0.00	42.52 0.04 0.00	40.73 0.04 0.00	40.00 0.08 0.00	43.75 0.13 0.00	50.01 -0.10 0.00	54.63 -0.22 0.00	56.34 -0.34 0.00	56.39 -0.34 0.00	55.74 -0.62 0.00	55.44 -0.84 0.00	51.89 -0.68 0.00	50.06 -0.76 0.00	48.75 -0.79 0.00	48.73 -0.79 0.00	48.95 -0.80 0.00	52.12 -0.69 0.00	53.66 -0.16 0.00	57.13 0.34 0.00	58.15 0.35 0.00	53.18 0.32 0.00	50.81 0.15 0.00	46.22 -0.05 0.00
CASSADAGA_WT_PWR 323784	47.43 -0.24 0.00	43.08 -0.61 0.00	41.92 -0.55 0.00	40.37 -0.33 0.00	39.28 -0.64 0.00	43.01 -0.61 0.00	49.40 -0.70 0.00	54.25 -0.60 0.00	55.94 -0.74 0.00	56.39 -0.34 0.00	55.74 -0.62 0.00	55.89 -0.39 0.00	51.99 -0.58 0.00	50.26 -0.56 0.00	48.21 -1.34 0.00	48.78 -0.74 0.00	49.05 -0.70 0.00	52.12 -0.69 0.00	53.28 -0.54 0.00	56.79 0.00 0.00	57.75 -0.06 0.00	52.43 -0.42 0.00	50.50 -0.15 0.00	46.22 -0.05 0.00
CE_DUNWOOD___DRP 24194	49.96 2.29 0.00	45.66 1.97 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.76 1.84 0.00	45.58 1.96 0.00	52.46 2.35 0.00	57.48 2.63 0.00	59.85 3.17 0.00	59.90 3.18 0.00	59.68 3.32 0.00	59.44 3.15 0.00	55.52 2.94 0.00	53.52 2.69 0.00	52.37 2.82 0.00	52.25 2.72 0.00	52.53 2.79 0.00	55.77 2.96 0.00	56.73 2.91 0.00	60.20 3.41 0.00	61.29 3.47 -0.01	55.45 2.59 0.00	53.14 2.48 0.00	48.53 2.27 0.00
CE_MILLWOOD___DRP 24193	49.76 2.10 0.00	45.52 1.83 0.00	44.22 1.74 0.00	42.28 1.59 0.00	41.64 1.72 0.00	45.41 1.79 0.00	52.26 2.15 0.00	57.26 2.41 0.00	59.63 2.95 0.00	59.68 2.95 0.00	59.46 3.10 0.00	59.21 2.93 0.00	55.31 2.73 0.00	53.31 2.49 0.00	52.17 2.63 0.00	52.05 2.53 0.00	52.33 2.59 0.00	55.56 2.75 0.00	56.51 2.69 0.00	59.91 3.12 0.00	61.05 3.24 -0.01	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
CE_NYC2_DRP 24202	50.63 2.96 -0.01	46.27 2.58 -0.01	44.95 2.46 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.20 2.57 -0.01	53.17 3.06 -0.01	58.20 3.35 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.47 4.11 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.52 3.70 -0.01	57.48 3.66 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.25 3.38 -0.01	53.86 3.19 -0.01	49.19 2.91 -0.01
CE_NYC_DRP 24195	50.38 2.72 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.77 2.08 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.42 3.74 0.00	60.47 3.74 0.00	60.25 3.89 0.00	60.06 3.77 0.00	56.10 3.52 0.00	54.08 3.25 0.00	52.97 3.42 0.00	52.80 3.27 0.00	53.13 3.38 0.00	56.30 3.49 0.00	57.27 3.44 0.00	60.77 3.98 0.00	61.93 4.10 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
CHAFFEE___LFGE 323603	46.00 -1.67 0.00	41.81 -1.88 0.00	40.69 -1.78 0.00	39.19 -1.50 0.00	38.17 -1.76 0.00	41.83 -1.79 0.00	48.10 -2.01 0.00	52.99 -1.87 0.00	54.41 -2.27 0.00	54.69 -2.04 0.00	54.04 -2.31 0.00	54.14 -2.14 0.00	50.37 -2.21 0.00	48.69 -2.13 0.00	46.92 -2.63 0.00	47.40 -2.13 0.00	47.70 -2.04 0.00	50.64 -2.17 0.00	51.83 -1.99 0.00	55.26 -1.53 0.00	56.13 -1.68 0.00	50.96 -1.90 0.00	49.03 -1.62 0.00	44.83 -1.43 0.00
CHATEAUG_35_KV_LOAD 355732	48.24 0.57 0.00	44.48 0.79 0.00	43.20 0.72 0.00	41.38 0.69 0.00	40.60 0.68 0.00	44.32 0.70 0.00	50.71 0.60 0.00	55.34 0.49 0.00	56.96 0.28 0.00	57.07 0.34 0.00	56.47 0.11 0.00	56.45 0.17 0.00	52.94 0.37 0.00	51.23 0.41 0.00	49.84 0.30 0.00	49.82 0.30 0.00	49.99 0.25 0.00	53.07 0.26 0.00	54.09 0.27 0.00	56.67 -0.11 0.00	57.80 0.00 0.00	53.49 0.63 0.00	51.31 0.66 0.00	46.82 0.56 0.00
CHATEAUG_WT_PWR 323614	48.19 0.53 0.00	44.39 0.70 0.00	43.11 0.64 0.00	41.34 0.65 0.00	40.52 0.60 0.00	44.28 0.66 0.00	50.61 0.50 0.00	55.29 0.44 0.00	56.96 0.28 0.00	56.72 0.00 0.00	56.47 0.11 0.00	56.28 0.00 0.00	52.94 0.37 0.00	51.23 0.40 0.00	49.84 0.30 0.00	49.82 0.30 0.00	49.99 0.25 0.00	53.02 0.21 0.00	54.03 0.22 0.00	56.62 -0.17 0.00	57.75 -0.06 0.00	53.44 0.58 0.00	51.21 0.56 0.00	46.77 0.51 0.00
CHAT_HIGH_FALL_HYD 323578	48.24 0.57 0.00	44.48 0.79 0.00	43.20 0.72 0.00	41.38 0.69 0.00	40.60 0.68 0.00	44.32 0.70 0.00	50.71 0.60 0.00	55.34 0.49 0.00	56.96 0.28 0.00	57.07 0.34 0.00	56.47 0.11 0.00	56.45 0.17 0.00	52.94 0.37 0.00	51.23 0.41 0.00	49.84 0.30 0.00	49.82 0.30 0.00	49.99 0.25 0.00	53.07 0.26 0.00	54.09 0.27 0.00	56.67 -0.11 0.00	57.80 0.00 0.00	53.49 0.63 0.00	51.31 0.66 0.00	46.82 0.56 0.00
CHAUTAUQUA___LFGE 323629	46.90 -0.76 0.00	42.55 -1.14 0.00	41.46 -1.02 0.00	39.92 -0.77 0.00	38.85 -1.08 0.00	42.49 -1.13 0.00	48.80 -1.30 0.00	53.48 -1.37 0.00	55.20 -1.47 0.00	55.59 -1.13 0.00	54.89 -1.47 0.00	55.10 -1.18 0.00	51.26 -1.31 0.00	49.55 -1.27 0.00	47.66 -1.88 0.00	48.19 -1.33 0.00	48.45 -1.29 0.00	51.49 -1.32 0.00	52.63 -1.18 0.00	56.05 -0.74 0.00	56.99 -0.81 0.00	51.80 -1.06 0.00	49.90 -0.76 0.00	45.71 -0.55 0.00
CHERRYST_13_KV_LD 356241	50.53 2.86 0.00	46.18 2.49 0.00	44.86 2.38 0.00	42.89 2.20 0.00	42.24 2.32 0.00	46.11 2.49 0.00	53.06 2.96 0.00	58.09 3.24 0.00	60.59 3.91 0.00	60.64 3.91 0.00	60.42 4.06 0.00	60.23 3.94 0.00	56.26 3.68 0.00	54.23 3.41 0.00	53.12 3.57 0.00	52.95 3.42 0.00	53.28 3.53 0.00	56.46 3.64 0.00	57.43 3.61 0.00	60.94 4.15 0.00	62.17 4.34 -0.03	56.19 3.33 0.00	53.75 3.09 0.00	49.09 2.82 0.00

CHESTROR_138KV_BK263 355645	49.19 1.53 0.00	45.00 1.31 0.00	43.79 1.32 0.00	41.87 1.18 0.00	41.16 1.24 0.00	44.93 1.31 0.00	51.71 1.60 0.00	56.66 1.81 0.00	58.89 2.21 0.00	58.88 2.16 0.00	58.67 2.31 0.00	58.48 2.20 0.00	54.62 2.05 0.00	52.65 1.83 0.00	51.48 1.93 0.00	51.41 1.88 0.00	51.68 1.94 0.00	54.87 2.06 0.00	55.81 1.99 0.00	59.23 2.44 0.00	60.24 2.43 0.00	54.66 1.80 0.00	52.33 1.67 0.00	47.79 1.53 0.00
CH_MIDHUDSON___DRP 24192	49.57 1.91 0.00	45.35 1.66 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.48 1.56 0.00	45.24 1.61 0.00	52.06 1.95 0.00	57.05 2.19 0.00	59.40 2.72 0.00	59.39 2.67 0.00	59.23 2.87 0.00	58.98 2.70 0.00	55.04 2.47 0.00	53.11 2.29 0.00	51.92 2.38 0.00	51.80 2.28 0.00	52.13 2.39 0.00	55.34 2.53 0.00	56.29 2.48 0.00	59.74 2.95 0.00	60.75 2.95 0.00	55.08 2.22 0.00	52.73 2.08 0.00	48.16 1.90 0.00
CH_MISC_IPPS 23765	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.57 2.89 0.00	59.73 3.00 0.00	59.56 3.21 0.00	59.32 3.04 0.00	55.25 2.68 0.00	53.31 2.49 0.00	52.12 2.57 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.55 2.74 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
CH_RES_BVR_FALLS 23983	47.43 -0.24 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.61 -0.08 0.00	39.84 -0.08 0.00	43.53 -0.09 0.00	49.86 -0.25 0.00	54.52 -0.33 0.00	56.17 -0.51 0.00	56.10 -0.62 0.00	55.79 -0.56 0.00	55.72 -0.56 0.00	52.26 -0.31 0.00	50.52 -0.30 0.00	49.20 -0.34 0.00	49.18 -0.34 0.00	49.34 -0.40 0.00	52.38 -0.42 0.00	53.38 -0.43 0.00	56.05 -0.74 0.00	57.05 -0.75 0.00	52.54 -0.32 0.00	50.35 -0.30 0.00	46.03 -0.23 0.00
CH_RES_NIAGARA 23895	44.14 -3.53 0.00	40.59 -3.10 0.00	39.50 -2.97 0.00	38.05 -2.65 0.00	36.53 -3.39 0.00	40.18 -3.45 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.31 -4.36 0.00	51.45 -5.28 0.00	52.01 -4.34 0.00	51.67 -4.62 0.00	48.31 -4.26 0.00	47.01 -3.81 0.00	45.33 -4.21 0.00	45.91 -3.62 0.00	46.16 -3.58 0.00	48.90 -3.91 0.00	50.00 -3.82 0.00	53.15 -3.63 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.52 -3.14 0.00	43.58 -2.68 0.00
CH_RES_SYRACUSE 23985	47.62 -0.05 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.80 -0.12 0.00	43.49 -0.13 0.00	50.01 -0.10 0.00	54.80 -0.05 0.00	56.73 0.06 0.00	57.01 0.29 0.00	56.47 0.11 0.00	56.45 0.17 0.00	52.57 0.00 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.69 -0.05 0.00	52.76 -0.05 0.00	53.76 -0.05 0.00	56.90 0.11 0.00	57.98 0.17 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.17 -0.09 0.00
CLINTON_WT_PWR 323605	48.19 0.53 0.00	44.39 0.70 0.00	43.11 0.64 0.00	41.34 0.65 0.00	40.52 0.60 0.00	44.28 0.66 0.00	50.61 0.50 0.00	55.29 0.44 0.00	56.96 0.28 0.00	56.72 0.00 0.00	56.47 0.11 0.00	56.28 0.00 0.00	52.94 0.37 0.00	51.23 0.40 0.00	49.84 0.30 0.00	49.82 0.30 0.00	49.99 0.25 0.00	53.02 0.21 0.00	54.03 0.22 0.00	56.62 -0.17 0.00	57.75 -0.06 0.00	53.44 0.58 0.00	51.21 0.56 0.00	46.77 0.51 0.00
CLINTON___LFGE 323618	48.81 1.14 0.00	45.00 1.31 0.00	43.71 1.23 0.00	41.87 1.18 0.00	41.08 1.16 0.00	44.89 1.27 0.00	51.31 1.20 0.00	56.06 1.21 0.00	57.75 1.07 0.00	57.58 0.85 0.00	57.31 0.96 0.00	57.07 0.79 0.00	53.73 1.16 0.00	51.99 1.17 0.00	50.53 0.99 0.00	50.51 0.99 0.00	50.69 0.94 0.00	53.76 0.95 0.00	54.79 0.97 0.00	57.47 0.68 0.00	58.67 0.87 0.00	54.23 1.37 0.00	51.97 1.31 0.00	47.37 1.11 0.00
COBBLENY_34_KV_TB1 80064	45.62 -2.05 0.00	41.85 -1.83 0.00	40.74 -1.74 0.00	39.19 -1.51 0.00	37.89 -2.04 0.00	41.66 -1.96 0.00	48.10 -2.00 0.00	52.99 -1.86 0.00	54.41 -2.27 0.00	53.83 -2.89 0.00	54.04 -2.31 0.00	53.64 -2.65 0.00	50.10 -2.47 0.00	48.69 -2.13 0.00	46.92 -2.63 0.00	47.39 -2.13 0.00	47.70 -2.04 0.00	50.59 -2.22 0.00	51.83 -1.99 0.00	55.31 -1.48 0.00	56.13 -1.68 0.00	51.01 -1.85 0.00	49.09 -1.57 0.00	44.88 -1.39 0.00
COFFEEN___115KV_TB3 355620	47.86 0.19 0.00	43.95 0.26 0.00	42.77 0.30 0.00	40.94 0.24 0.00	40.20 0.28 0.00	43.97 0.35 0.00	50.36 0.25 0.00	54.96 0.11 0.00	56.68 0.00 0.00	56.78 0.06 0.00	56.19 -0.17 0.00	55.83 -0.45 0.00	52.15 -0.42 0.00	50.31 -0.51 0.00	48.95 -0.59 0.00	48.98 -0.54 0.00	49.20 -0.55 0.00	52.39 -0.42 0.00	54.09 0.27 0.00	57.87 1.08 0.00	58.79 0.98 0.00	53.60 0.74 0.00	51.16 0.51 0.00	46.54 0.28 0.00
COLDSPRG_115KV_BK1 355956	47.05 -0.62 0.00	43.21 -0.48 0.00	42.01 -0.47 0.00	40.41 -0.28 0.00	39.00 -0.92 0.00	42.97 -0.65 0.00	49.55 -0.55 0.00	54.47 -0.38 0.00	56.17 -0.51 0.00	55.53 -1.19 0.00	55.90 -0.45 0.00	55.49 -0.79 0.00	51.78 -0.79 0.00	50.31 -0.51 0.00	48.36 -1.19 0.00	48.93 -0.59 0.00	49.20 -0.55 0.00	52.23 -0.58 0.00	53.49 -0.32 0.00	57.07 0.28 0.00	57.92 0.12 0.00	52.60 -0.26 0.00	50.66 0.00 0.00	46.31 0.05 0.00
COLONIE_LFGE___ 323577	49.00 1.33 0.00	44.91 1.22 0.00	43.66 1.19 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.61 1.50 0.00	56.61 1.75 0.00	58.55 1.87 0.00	58.71 1.98 0.00	58.38 2.03 0.00	58.14 1.85 0.00	54.04 1.47 0.00	52.30 1.47 0.00	51.08 1.54 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.55 1.74 0.00	55.65 1.83 0.00	58.94 2.16 0.00	59.94 2.14 0.00	54.44 1.58 0.00	52.13 1.47 0.00	47.61 1.34 0.00
COOPERNY_115KV_TB1 80082	48.76 1.10 0.00	44.65 0.96 0.00	43.41 0.93 0.00	41.55 0.85 0.00	40.84 0.92 0.00	44.58 0.96 0.00	51.26 1.15 0.00	56.22 1.37 0.00	58.32 1.64 0.00	58.31 1.59 0.00	58.10 1.75 0.00	57.92 1.63 0.00	54.10 1.52 0.00	52.20 1.37 0.00	50.98 1.44 0.00	50.91 1.39 0.00	51.14 1.39 0.00	54.29 1.48 0.00	55.27 1.45 0.00	58.60 1.82 0.00	59.66 1.85 0.00	54.18 1.32 0.00	51.87 1.22 0.00	47.42 1.16 0.00
COPENHAGEN_WT_PWR 323753	47.67 0.00 0.00	43.73 0.04 0.00	42.52 0.04 0.00	40.73 0.04 0.00	40.00 0.08 0.00	43.71 0.09 0.00	50.06 -0.05 0.00	54.69 -0.16 0.00	56.40 -0.28 0.00	56.61 -0.11 0.00	55.96 -0.39 0.00	55.72 -0.56 0.00	52.05 -0.53 0.00	50.22 -0.61 0.00	48.85 -0.69 0.00	48.88 -0.65 0.00	49.05 -0.70 0.00	52.23 -0.58 0.00	53.76 -0.05 0.00	57.36 0.57 0.00	58.38 0.58 0.00	53.23 0.37 0.00	50.86 0.20 0.00	46.31 0.05 0.00
CORNELL_____ 23752	48.48 0.81 0.00	44.39 0.70 0.00	43.16 0.68 0.00	41.34 0.65 0.00	40.44 0.52 0.00	44.28 0.65 0.00	51.01 0.90 0.00	55.95 1.10 0.00	57.87 1.19 0.00	57.80 1.08 0.00	57.42 1.07 0.00	57.18 0.90 0.00	53.31 0.74 0.00	51.64 0.81 0.00	50.19 0.64 0.00	50.32 0.79 0.00	50.59 0.85 0.00	53.71 0.90 0.00	54.89 1.08 0.00	58.26 1.48 0.00	59.31 1.50 0.00	53.97 1.11 0.00	51.72 1.06 0.00	47.14 0.88 0.00

CORONA__69_KV_TB1 355595	49.86 2.19 0.00	45.61 1.92 0.00	44.26 1.78 0.00	42.24 1.55 0.00	41.68 1.76 0.00	45.67 2.05 0.00	52.11 2.00 0.00	56.82 2.03 0.06	59.56 2.89 0.00	59.61 2.89 0.00	59.28 2.93 0.00	59.20 2.93 0.00	55.35 2.79 0.00	53.21 2.39 0.00	52.26 2.72 0.00	52.04 2.53 0.00	52.38 2.64 0.00	55.55 2.75 0.00	56.45 2.64 0.00	59.79 3.01 0.00	61.19 3.41 0.03	55.02 2.17 0.01	52.68 2.03 0.01	48.44 2.17 0.00
CORTLAND__115KV_TB3 80093	48.10 0.43 0.00	44.04 0.35 0.00	42.82 0.34 0.00	41.02 0.33 0.00	40.16 0.24 0.00	43.93 0.31 0.00	50.56 0.45 0.00	55.45 0.60 0.00	57.36 0.68 0.00	57.29 0.57 0.00	57.03 0.68 0.00	56.85 0.56 0.00	52.99 0.42 0.00	51.28 0.46 0.00	49.89 0.35 0.00	49.97 0.45 0.00	50.19 0.45 0.00	53.28 0.48 0.00	54.41 0.59 0.00	57.70 0.91 0.00	58.73 0.92 0.00	53.44 0.58 0.00	51.21 0.56 0.00	46.73 0.46 0.00
COXSACKIE__GT 23611	49.48 1.81 0.00	45.35 1.66 0.00	44.18 1.70 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.24 1.61 0.00	52.06 1.95 0.00	57.05 2.20 0.00	59.23 2.55 0.00	59.22 2.49 0.00	59.00 2.65 0.00	58.54 2.25 0.00	54.30 1.73 0.00	52.50 1.67 0.00	51.28 1.73 0.00	51.26 1.73 0.00	51.83 2.09 0.00	55.45 2.64 0.00	56.40 2.58 0.00	59.97 3.18 0.00	60.81 3.00 0.00	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
CPV_VALLEY__CC1 323721	48.81 1.14 0.00	44.74 1.05 0.00	43.54 1.06 0.00	41.63 0.94 0.00	40.88 0.96 0.00	44.63 1.00 0.00	51.36 1.25 0.00	56.33 1.48 0.00	58.44 1.76 0.00	58.59 1.87 0.00	58.27 1.92 0.00	58.20 1.91 0.00	54.20 1.63 0.00	52.30 1.47 0.00	51.13 1.59 0.00	51.06 1.54 0.00	51.34 1.59 0.00	54.45 1.64 0.00	55.43 1.61 0.00	58.77 1.99 0.00	59.83 2.02 0.00	54.29 1.43 0.00	51.97 1.31 0.00	47.46 1.20 0.00
CPV_VALLEY__CC2 323722	48.81 1.14 0.00	44.74 1.05 0.00	43.54 1.06 0.00	41.63 0.94 0.00	40.88 0.96 0.00	44.63 1.00 0.00	51.36 1.25 0.00	56.33 1.48 0.00	58.44 1.76 0.00	58.59 1.87 0.00	58.27 1.92 0.00	58.20 1.91 0.00	54.20 1.63 0.00	52.30 1.47 0.00	51.13 1.59 0.00	51.06 1.54 0.00	51.34 1.59 0.00	54.45 1.64 0.00	55.43 1.61 0.00	58.77 1.99 0.00	59.83 2.02 0.00	54.29 1.43 0.00	51.97 1.31 0.00	47.46 1.20 0.00
CRESCENT__HYD 24018	49.00 1.33 0.00	44.91 1.22 0.00	43.66 1.19 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.61 1.50 0.00	56.61 1.75 0.00	58.55 1.87 0.00	58.71 1.98 0.00	58.38 2.03 0.00	58.14 1.85 0.00	54.04 1.47 0.00	52.30 1.47 0.00	51.08 1.54 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.55 1.74 0.00	55.65 1.83 0.00	58.94 2.16 0.00	59.94 2.14 0.00	54.44 1.58 0.00	52.13 1.47 0.00	47.61 1.34 0.00
CRICKET__VALLEY_CC1 323756	49.05 1.38 0.00	44.96 1.27 0.00	43.71 1.23 0.00	41.79 1.10 0.00	41.04 1.12 0.00	44.84 1.22 0.00	51.71 1.60 0.00	56.66 1.81 0.00	58.83 2.15 0.00	58.93 2.21 0.00	58.61 2.26 0.00	58.37 2.08 0.00	54.36 1.79 0.00	52.50 1.67 0.00	51.38 1.83 0.00	51.30 1.78 0.00	51.59 1.84 0.00	54.76 1.96 0.00	55.75 1.93 0.00	59.12 2.33 0.00	60.12 2.31 0.00	54.55 1.69 0.00	52.17 1.52 0.00	47.70 1.44 0.00
CRICKET__VALLEY_CC2 323757	49.05 1.38 0.00	44.96 1.27 0.00	43.71 1.23 0.00	41.79 1.10 0.00	41.04 1.12 0.00	44.84 1.22 0.00	51.71 1.60 0.00	56.66 1.81 0.00	58.83 2.15 0.00	58.93 2.21 0.00	58.61 2.26 0.00	58.37 2.08 0.00	54.36 1.79 0.00	52.50 1.67 0.00	51.38 1.83 0.00	51.30 1.78 0.00	51.59 1.84 0.00	54.76 1.96 0.00	55.75 1.93 0.00	59.12 2.33 0.00	60.12 2.31 0.00	54.55 1.69 0.00	52.17 1.52 0.00	47.70 1.44 0.00
CRICKET__VALLEY_CC3 323758	49.05 1.38 0.00	44.96 1.27 0.00	43.71 1.23 0.00	41.79 1.10 0.00	41.04 1.12 0.00	44.84 1.22 0.00	51.71 1.60 0.00	56.66 1.81 0.00	58.83 2.15 0.00	58.93 2.21 0.00	58.61 2.26 0.00	58.37 2.08 0.00	54.36 1.79 0.00	52.50 1.67 0.00	51.38 1.83 0.00	51.30 1.78 0.00	51.59 1.84 0.00	54.76 1.96 0.00	55.75 1.93 0.00	59.12 2.33 0.00	60.12 2.31 0.00	54.55 1.69 0.00	52.17 1.52 0.00	47.70 1.44 0.00
CRUCIBLE_METL_DRP 24180	47.57 -0.10 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.72 -0.20 0.00	43.49 -0.13 0.00	50.01 -0.10 0.00	54.80 -0.05 0.00	56.73 0.06 0.00	56.78 0.06 0.00	56.47 0.11 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.69 -0.05 0.00	52.70 -0.11 0.00	53.76 -0.05 0.00	56.96 0.17 0.00	57.98 0.17 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.17 -0.09 0.00
DAHOWA__HYDRO 323763	49.76 2.09 0.00	45.66 1.97 0.00	44.39 1.91 0.00	42.48 1.79 0.00	41.68 1.75 0.00	45.50 1.87 0.00	52.41 2.31 0.00	57.43 2.58 0.00	59.45 2.78 0.00	59.67 2.95 0.00	59.40 3.04 0.00	59.10 2.81 0.00	54.78 2.21 0.00	53.06 2.23 0.00	51.78 2.23 0.00	51.80 2.28 0.00	52.23 2.49 0.00	55.45 2.64 0.00	56.56 2.74 0.00	60.08 3.29 0.00	61.04 3.24 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.30 2.03 0.00
DANC__LFGE 323619	47.38 -0.28 0.00	43.43 -0.26 0.00	42.22 -0.25 0.00	40.45 -0.24 0.00	39.72 -0.20 0.00	43.36 -0.26 0.00	49.70 -0.40 0.00	54.30 -0.55 0.00	56.11 -0.57 0.00	56.39 -0.34 0.00	55.85 -0.51 0.00	55.67 -0.62 0.00	51.94 -0.63 0.00	50.16 -0.66 0.00	48.75 -0.79 0.00	48.78 -0.74 0.00	48.90 -0.85 0.00	52.02 -0.79 0.00	53.38 -0.43 0.00	56.79 0.00 0.00	57.80 0.00 0.00	52.75 -0.11 0.00	50.50 -0.15 0.00	45.99 -0.28 0.00
DANSKAMMER__1 23586	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.57 2.89 0.00	59.73 3.00 0.00	59.56 3.21 0.00	59.32 3.04 0.00	55.25 2.68 0.00	53.31 2.49 0.00	52.12 2.57 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.55 2.74 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
DANSKAMMER__2 23589	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.57 2.89 0.00	59.73 3.00 0.00	59.56 3.21 0.00	59.32 3.04 0.00	55.25 2.68 0.00	53.31 2.49 0.00	52.12 2.57 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.55 2.74 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
DANSKAMMER__3 23590	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.57 2.89 0.00	59.73 3.00 0.00	59.56 3.21 0.00	59.32 3.04 0.00	55.25 2.68 0.00	53.31 2.49 0.00	52.12 2.57 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.55 2.74 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00

DANSKAMMER___4 23591	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.57 2.89 0.00	59.73 3.00 0.00	59.56 3.21 0.00	59.32 3.04 0.00	55.25 2.68 0.00	53.31 2.49 0.00	52.12 2.57 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.55 2.74 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
DANSKAMMER___DIESEL 23592	49.76 2.10 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.60 1.68 0.00	45.37 1.74 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.62 2.95 0.00	59.62 2.89 0.00	59.57 3.21 0.00	59.27 2.98 0.00	55.36 2.79 0.00	53.31 2.49 0.00	52.17 2.63 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.61 2.80 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.88 2.23 0.00	48.35 2.08 0.00
DARBY___SOLAR 323810	49.72 2.05 0.00	45.57 1.88 0.00	44.30 1.83 0.00	42.40 1.71 0.00	41.60 1.68 0.00	45.41 1.79 0.00	52.36 2.26 0.00	57.32 2.47 0.00	59.34 2.66 0.00	59.50 2.78 0.00	59.23 2.87 0.00	58.93 2.65 0.00	54.68 2.11 0.00	52.96 2.13 0.00	51.72 2.18 0.00	51.70 2.18 0.00	52.08 2.34 0.00	55.29 2.48 0.00	56.45 2.64 0.00	59.91 3.12 0.00	60.92 3.12 0.00	55.18 2.32 0.00	52.83 2.18 0.00	48.25 1.99 0.00
DASHVILLE___HYD 23610	49.29 1.62 0.00	45.09 1.40 0.00	43.84 1.36 0.00	41.91 1.22 0.00	41.24 1.32 0.00	44.97 1.35 0.00	51.71 1.60 0.00	56.66 1.81 0.00	58.94 2.27 0.00	58.94 2.21 0.00	58.83 2.48 0.00	58.53 2.25 0.00	54.67 2.10 0.00	52.70 1.88 0.00	51.58 2.03 0.00	51.41 1.88 0.00	51.73 1.99 0.00	55.03 2.22 0.00	55.92 2.10 0.00	59.34 2.56 0.00	60.35 2.54 0.00	54.71 1.85 0.00	52.38 1.72 0.00	47.88 1.62 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	48.57 0.91 0.00	44.39 0.70 0.00	42.99 0.51 0.00	40.98 0.28 0.00	40.56 0.64 0.00	44.58 0.96 0.00	51.66 1.55 0.00	55.76 1.43 0.51	59.00 2.32 0.00	58.93 2.21 0.00	57.53 1.18 0.00	57.63 1.35 0.00	53.83 1.26 0.00	51.53 0.71 0.00	50.68 1.14 0.00	50.56 1.04 0.00	50.93 1.19 0.00	54.49 1.69 0.00	55.27 1.45 0.00	58.54 1.76 0.00	59.50 1.97 0.27	53.54 0.69 0.01	51.81 1.17 0.01	47.84 1.57 0.00
DELAWARE___LFGE 323621	48.91 1.24 0.00	44.78 1.09 0.00	43.54 1.06 0.00	41.71 1.02 0.00	40.92 1.00 0.00	44.71 1.09 0.00	51.46 1.35 0.00	56.39 1.54 0.00	58.49 1.81 0.00	58.54 1.82 0.00	58.21 1.86 0.00	58.03 1.74 0.00	54.15 1.58 0.00	52.30 1.47 0.00	51.03 1.49 0.00	50.96 1.44 0.00	51.19 1.44 0.00	54.29 1.48 0.00	55.38 1.56 0.00	58.78 1.99 0.00	59.77 1.97 0.00	54.34 1.48 0.00	52.07 1.42 0.00	47.51 1.25 0.00
DERFIELD_115KV_TB7 355931	47.86 0.19 0.00	43.82 0.13 0.00	42.65 0.17 0.00	40.82 0.12 0.00	40.08 0.16 0.00	43.80 0.17 0.00	50.36 0.25 0.00	55.13 0.27 0.00	57.02 0.34 0.00	57.07 0.34 0.00	56.75 0.39 0.00	56.62 0.34 0.00	52.83 0.26 0.00	51.08 0.25 0.00	49.84 0.30 0.00	49.77 0.25 0.00	49.99 0.25 0.00	53.07 0.26 0.00	54.14 0.32 0.00	57.24 0.45 0.00	58.21 0.40 0.00	53.12 0.26 0.00	50.86 0.20 0.00	46.45 0.19 0.00
DOGLEVILLE___HYD 23807	46.81 -0.86 0.00	42.95 -0.74 0.00	41.75 -0.72 0.00	39.96 -0.73 0.00	39.28 -0.64 0.00	43.01 -0.61 0.00	49.61 -0.50 0.00	54.41 -0.44 0.00	56.45 -0.23 0.00	56.84 0.11 0.00	56.52 0.17 0.00	56.28 0.00 0.00	52.47 -0.10 0.00	50.72 -0.10 0.00	49.54 0.00 0.00	49.47 -0.05 0.00	49.64 -0.10 0.00	52.65 -0.16 0.00	53.71 -0.11 0.00	56.96 0.17 0.00	57.80 0.00 0.00	52.70 -0.16 0.00	50.55 -0.10 0.00	46.22 -0.05 0.00
DUNKIRK___115KV_TB_200 55889	46.33 -1.33 0.00	42.55 -1.14 0.00	41.41 -1.06 0.00	39.84 -0.85 0.00	38.40 -1.52 0.00	42.27 -1.35 0.00	48.70 -1.40 0.00	53.37 -1.48 0.00	55.15 -1.53 0.00	54.40 -2.33 0.00	54.78 -1.58 0.00	54.43 -1.86 0.00	50.84 -1.73 0.00	49.40 -1.42 0.00	47.56 -1.98 0.00	48.14 -1.39 0.00	48.40 -1.34 0.00	51.33 -1.48 0.00	52.58 -1.24 0.00	56.05 -0.74 0.00	56.94 -0.87 0.00	51.70 -1.16 0.00	49.85 -0.81 0.00	45.66 -0.60 0.00
DUNKIRK___1 23563	46.33 -1.33 0.00	42.55 -1.14 0.00	41.41 -1.06 0.00	39.84 -0.85 0.00	38.40 -1.52 0.00	42.27 -1.35 0.00	48.70 -1.40 0.00	53.37 -1.48 0.00	55.15 -1.53 0.00	54.40 -2.33 0.00	54.78 -1.58 0.00	54.43 -1.86 0.00	50.84 -1.73 0.00	49.40 -1.42 0.00	47.56 -1.98 0.00	48.14 -1.39 0.00	48.40 -1.34 0.00	51.33 -1.48 0.00	52.58 -1.24 0.00	56.05 -0.74 0.00	56.94 -0.87 0.00	51.70 -1.16 0.00	49.85 -0.81 0.00	45.66 -0.60 0.00
DUNKIRK___2 23564	46.33 -1.33 0.00	42.55 -1.14 0.00	41.41 -1.06 0.00	39.84 -0.85 0.00	38.40 -1.52 0.00	42.27 -1.35 0.00	48.70 -1.40 0.00	53.37 -1.48 0.00	55.15 -1.53 0.00	54.40 -2.33 0.00	54.78 -1.58 0.00	54.43 -1.86 0.00	50.84 -1.73 0.00	49.40 -1.42 0.00	47.56 -1.98 0.00	48.14 -1.39 0.00	48.40 -1.34 0.00	51.33 -1.48 0.00	52.58 -1.24 0.00	56.05 -0.74 0.00	56.94 -0.87 0.00	51.70 -1.16 0.00	49.85 -0.81 0.00	45.66 -0.60 0.00
DUNKIRK___3 23565	46.00 -1.67 0.00	42.25 -1.44 0.00	41.12 -1.36 0.00	39.55 -1.14 0.00	38.13 -1.80 0.00	41.96 -1.66 0.00	48.35 -1.75 0.00	52.99 -1.86 0.00	54.69 -1.98 0.00	54.00 -2.72 0.00	54.38 -1.97 0.00	54.03 -2.25 0.00	50.47 -2.10 0.00	49.04 -1.78 0.00	47.27 -2.28 0.00	47.79 -1.73 0.00	48.05 -1.69 0.00	50.96 -1.85 0.00	52.20 -1.61 0.00	55.59 -1.19 0.00	56.47 -1.33 0.00	51.33 -1.53 0.00	49.49 -1.17 0.00	45.34 -0.93 0.00
DUNKIRK___4 23566	46.00 -1.67 0.00	42.25 -1.44 0.00	41.12 -1.36 0.00	39.55 -1.14 0.00	38.13 -1.80 0.00	41.96 -1.66 0.00	48.35 -1.75 0.00	52.99 -1.86 0.00	54.69 -1.98 0.00	54.00 -2.72 0.00	54.38 -1.97 0.00	54.03 -2.25 0.00	50.47 -2.10 0.00	49.04 -1.78 0.00	47.27 -2.28 0.00	47.79 -1.73 0.00	48.05 -1.69 0.00	50.96 -1.85 0.00	52.20 -1.61 0.00	55.59 -1.19 0.00	56.47 -1.33 0.00	51.33 -1.53 0.00	49.49 -1.17 0.00	45.34 -0.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.05 2.38 0.00	45.79 2.10 0.00	44.47 2.00 0.00	42.52 1.83 0.00	41.88 1.96 0.00	45.72 2.09 0.00	52.61 2.51 0.00	57.59 2.74 0.00	60.02 3.34 0.00	60.07 3.35 0.00	59.85 3.49 0.00	59.60 3.32 0.00	55.67 3.10 0.00	53.72 2.90 0.00	52.57 3.02 0.00	52.44 2.92 0.00	52.73 2.98 0.00	55.92 3.12 0.00	56.88 3.07 0.00	60.36 3.58 0.00	61.50 3.70 0.01	55.66 2.80 0.00	53.24 2.58 0.00	48.67 2.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.43 1.76 0.00	45.22 1.53 0.00	43.96 1.49 0.00	42.04 1.34 0.00	41.36 1.44 0.00	45.10 1.48 0.00	51.91 1.80 0.00	56.94 2.08 0.00	59.23 2.55 0.00	59.22 2.50 0.00	59.06 2.71 0.00	58.82 2.53 0.00	54.94 2.37 0.00	52.96 2.13 0.00	51.77 2.23 0.00	51.65 2.13 0.00	51.98 2.24 0.00	55.18 2.38 0.00	56.13 2.31 0.00	59.57 2.78 0.00	60.58 2.77 0.00	54.92 2.06 0.00	52.58 1.92 0.00	48.07 1.80 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	50.63 2.96 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	43.02 2.32 -0.01	42.36 2.44 -0.01	46.20 2.57 -0.01	53.17 3.06 -0.01	58.31 3.46 -0.01	60.31 3.63 -0.01	60.42 3.69 -0.01	60.30 3.94 -0.01	60.12 3.83 -0.01	56.10 3.52 -0.01	54.08 3.25 -0.01	52.93 3.37 -0.01	52.80 3.27 -0.01	53.09 3.33 -0.01	56.41 3.59 -0.01	57.37 3.55 -0.01	60.82 4.03 -0.01	62.11 4.28 -0.03	56.36 3.49 -0.01	53.91 3.24 -0.01	49.23 2.96 -0.01
E179THST_13_KV_LOAD 356214	50.87 3.19 -0.01	46.45 2.75 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.48 2.55 -0.01	46.33 2.70 -0.01	53.37 3.26 -0.01	58.53 3.68 -0.01	60.54 3.85 -0.01	60.64 3.91 -0.01	60.59 4.23 -0.01	60.34 4.05 -0.01	56.36 3.79 -0.01	54.33 3.51 -0.01	53.17 3.62 -0.01	53.05 3.52 -0.01	53.34 3.58 -0.01	56.67 3.85 -0.01	57.64 3.82 -0.01	61.17 4.37 -0.01	62.40 4.57 -0.03	56.62 3.75 -0.01	54.11 3.44 -0.01	49.42 3.15 -0.01
EAST HAMPTON___GT 23717	48.14 0.48 0.00	44.13 0.44 0.00	42.69 0.21 0.00	40.61 -0.08 0.00	40.04 0.12 0.00	43.97 0.35 0.00	51.36 1.25 0.00	55.43 1.10 0.51	58.60 1.93 0.00	58.70 1.98 0.00	56.97 0.62 0.00	57.29 1.01 0.00	53.20 0.63 0.00	51.12 0.31 0.00	50.04 0.50 0.00	50.16 0.64 0.00	50.49 0.75 0.00	53.91 1.11 0.00	54.83 1.02 0.00	58.09 1.31 0.00	58.92 1.39 0.27	53.01 0.16 0.01	51.31 0.66 0.01	47.65 1.39 0.00
EAST RIVER___6 23660	50.43 2.76 0.00	46.18 2.49 0.00	44.85 2.38 0.00	42.85 2.16 0.00	42.12 2.19 0.00	46.06 2.44 0.00	53.01 2.91 0.00	58.03 3.18 0.00	60.48 3.80 0.00	60.70 3.97 0.00	60.36 4.00 0.00	60.28 4.00 0.00	56.10 3.52 0.00	54.18 3.35 0.00	53.02 3.47 0.00	52.94 3.41 0.00	53.23 3.48 0.00	56.35 3.54 0.00	57.37 3.55 0.00	60.88 4.09 0.00	62.11 4.28 -0.03	56.14 3.28 0.00	53.75 3.09 0.00	49.04 2.78 0.00
EAST RIVER___7 23524	50.43 2.76 0.00	46.18 2.49 0.00	44.85 2.38 0.00	42.85 2.16 0.00	42.12 2.19 0.00	46.06 2.44 0.00	53.01 2.91 0.00	58.03 3.18 0.00	60.48 3.80 0.00	60.70 3.97 0.00	60.36 4.00 0.00	60.28 4.00 0.00	56.10 3.52 0.00	54.18 3.35 0.00	53.02 3.47 0.00	52.94 3.41 0.00	53.23 3.48 0.00	56.35 3.54 0.00	57.37 3.55 0.00	60.88 4.09 0.00	62.11 4.28 -0.03	56.14 3.28 0.00	53.75 3.09 0.00	49.04 2.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.96 2.29 0.00	45.66 1.97 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.76 1.84 0.00	45.58 1.96 0.00	52.46 2.35 0.00	57.48 2.63 0.00	59.85 3.17 0.00	59.90 3.18 0.00	59.68 3.32 0.00	59.44 3.15 0.00	55.52 2.94 0.00	53.52 2.69 0.00	52.37 2.82 0.00	52.25 2.72 0.00	52.53 2.79 0.00	55.77 2.96 0.00	56.73 2.91 0.00	60.20 3.41 0.00	61.29 3.47 -0.01	55.45 2.59 0.00	53.14 2.48 0.00	48.53 2.27 0.00
EAST_HAMPTON___DIESEL 23722	48.05 0.38 0.00	44.04 0.35 0.00	42.60 0.13 0.00	40.53 -0.16 0.00	39.96 0.04 0.00	43.89 0.26 0.00	51.26 1.15 0.00	55.32 0.99 0.51	58.49 1.81 0.00	58.59 1.87 0.00	56.86 0.51 0.00	57.18 0.90 0.00	53.04 0.47 0.00	51.02 0.20 0.00	49.93 0.39 0.00	50.01 0.50 0.00	50.34 0.60 0.00	53.75 0.95 0.00	54.67 0.86 0.00	57.92 1.14 0.00	58.80 1.27 0.27	52.85 0.00 0.01	51.15 0.51 0.01	47.56 1.29 0.00
EAST_POINT___SOLAR 323840	51.34 3.67 0.00	47.05 3.36 0.00	45.79 3.32 0.00	43.75 3.05 0.00	42.95 3.03 0.00	46.94 3.31 0.00	54.12 4.01 0.00	59.18 4.33 0.00	61.04 4.36 0.00	60.86 4.14 0.00	60.13 3.78 0.00	59.43 3.15 0.00	55.36 2.78 0.00	53.67 2.84 0.00	52.42 2.87 0.00	52.29 2.77 0.00	52.73 2.98 0.00	56.35 3.54 0.00	57.91 4.09 0.00	62.19 5.40 0.00	63.24 5.43 0.00	57.35 4.49 0.00	54.91 4.26 0.00	49.97 3.70 0.00
EAST_PULASKI___ESR 323781	47.19 -0.48 0.00	43.17 -0.52 0.00	42.01 -0.47 0.00	40.25 -0.45 0.00	39.48 -0.44 0.00	43.10 -0.52 0.00	49.45 -0.65 0.00	54.14 -0.71 0.00	56.00 -0.68 0.00	56.27 -0.46 0.00	55.79 -0.56 0.00	55.67 -0.62 0.00	51.89 -0.68 0.00	50.16 -0.66 0.00	48.75 -0.79 0.00	48.78 -0.74 0.00	48.95 -0.80 0.00	52.02 -0.79 0.00	53.17 -0.64 0.00	56.39 -0.39 0.00	57.40 -0.40 0.00	52.38 -0.48 0.00	50.20 -0.46 0.00	45.76 -0.51 0.00
EAST_RIVER___1 323558	50.33 2.67 0.00	46.09 2.40 0.00	44.81 2.33 0.00	42.81 2.11 0.00	42.04 2.11 0.00	45.98 2.35 0.00	52.91 2.80 0.00	57.92 3.07 0.00	60.36 3.68 0.00	60.59 3.86 0.00	60.24 3.89 0.00	60.12 3.83 0.00	55.99 3.42 0.00	54.08 3.26 0.00	52.92 3.37 0.00	52.85 3.32 0.00	53.13 3.38 0.00	56.24 3.43 0.00	57.27 3.45 0.00	60.77 3.97 0.00	61.99 4.16 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
EAST_RIVER___2 323559	50.43 2.76 0.00	46.18 2.49 0.00	44.85 2.38 0.00	42.85 2.16 0.00	42.12 2.19 0.00	46.06 2.44 0.00	53.01 2.91 0.00	58.03 3.18 0.00	60.48 3.80 0.00	60.70 3.97 0.00	60.36 4.00 0.00	60.28 4.00 0.00	56.10 3.52 0.00	54.18 3.35 0.00	53.02 3.47 0.00	52.94 3.41 0.00	53.23 3.48 0.00	56.35 3.54 0.00	57.37 3.55 0.00	60.88 4.09 0.00	62.11 4.28 -0.03	56.14 3.28 0.00	53.75 3.09 0.00	49.04 2.78 0.00
EAST___DELAWARE_HYD 23607	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.16 2.06 0.00	57.21 2.36 0.00	59.51 2.83 0.00	59.67 2.95 0.00	59.40 3.04 0.00	59.26 2.98 0.00	55.20 2.63 0.00	53.26 2.44 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.23 2.49 0.00	55.50 2.69 0.00	56.45 2.64 0.00	60.02 3.24 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
EIGHT_POINT___WT_PWR 323820	47.67 0.00 0.00	43.30 -0.39 0.00	42.22 -0.25 0.00	40.57 -0.12 0.00	39.60 -0.32 0.00	43.36 -0.26 0.00	49.86 -0.25 0.00	54.69 -0.16 0.00	56.28 -0.39 0.00	56.61 -0.11 0.00	55.68 -0.67 0.00	55.67 -0.62 0.00	51.73 -0.84 0.00	50.06 -0.76 0.00	48.45 -1.09 0.00	48.78 -0.74 0.00	49.20 -0.55 0.00	52.33 -0.48 0.00	53.50 -0.32 0.00	57.07 0.29 0.00	58.21 0.41 0.00	52.86 0.00 0.00	50.81 0.15 0.00	46.40 0.14 0.00
ELBRIDGE_115KV_TB2 80188	47.33 -0.33 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.41 -0.28 0.00	39.52 -0.40 0.00	43.27 -0.35 0.00	49.76 -0.35 0.00	54.52 -0.33 0.00	56.45 -0.23 0.00	56.44 -0.28 0.00	56.13 -0.23 0.00	56.00 -0.28 0.00	52.20 -0.37 0.00	50.57 -0.25 0.00	49.15 -0.40 0.00	49.23 -0.30 0.00	49.45 -0.30 0.00	52.44 -0.37 0.00	53.49 -0.32 0.00	56.67 -0.11 0.00	57.69 -0.12 0.00	52.54 -0.32 0.00	50.40 -0.25 0.00	45.99 -0.28 0.00
ELEC_TRO_TEK 24086	49.57 1.91 0.00	45.35 1.66 0.00	43.96 1.49 0.00	41.95 1.26 0.00	41.44 1.52 0.00	45.37 1.74 0.00	51.81 1.70 0.00	56.43 1.70 0.13	59.17 2.49 0.00	59.27 2.55 0.00	58.89 2.54 0.00	58.81 2.53 0.00	54.98 2.42 0.00	52.85 2.03 0.00	51.92 2.38 0.00	51.70 2.18 0.00	52.03 2.29 0.00	55.18 2.38 0.00	56.02 2.21 0.00	59.34 2.56 0.00	60.69 2.95 0.07	54.65 1.80 0.01	52.32 1.67 0.01	48.11 1.85 0.00

ELLENBURG_WT_PWR 323604	48.19 0.53 0.00	44.39 0.70 0.00	43.11 0.64 0.00	41.34 0.65 0.00	40.52 0.60 0.00	44.28 0.66 0.00	50.61 0.50 0.00	55.29 0.44 0.00	56.96 0.28 0.00	56.72 0.00 0.00	56.47 0.11 0.00	56.28 0.00 0.00	52.94 0.37 0.00	51.23 0.40 0.00	49.84 0.30 0.00	49.82 0.30 0.00	49.99 0.25 0.00	53.02 0.21 0.00	54.03 0.22 0.00	56.62 -0.17 0.00	57.75 -0.06 0.00	53.44 0.58 0.00	51.21 0.56 0.00	46.77 0.51 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.28 -2.38 0.00	41.64 -2.05 0.00	40.48 -2.00 0.00	38.98 -1.71 0.00	37.49 -2.44 0.00	41.27 -2.36 0.00	47.50 -2.61 0.00	51.94 -2.91 0.00	53.79 -2.89 0.00	53.04 -3.69 0.00	53.48 -2.87 0.00	53.19 -3.10 0.00	49.68 -2.89 0.00	48.28 -2.54 0.00	46.52 -3.02 0.00	47.10 -2.43 0.00	47.36 -2.39 0.00	50.22 -2.59 0.00	51.40 -2.42 0.00	54.69 -2.10 0.00	55.61 -2.20 0.00	50.53 -2.33 0.00	48.78 -1.87 0.00	44.69 -1.57 0.00
EMPIRE_CC_1 323656	48.86 1.19 0.00	44.78 1.09 0.00	43.54 1.06 0.00	41.67 0.98 0.00	40.92 1.00 0.00	44.67 1.05 0.00	51.51 1.40 0.00	56.44 1.59 0.00	58.44 1.76 0.00	58.54 1.81 0.00	58.16 1.80 0.00	57.97 1.69 0.00	53.94 1.36 0.00	52.14 1.32 0.00	50.98 1.44 0.00	50.91 1.38 0.00	51.23 1.49 0.00	54.39 1.58 0.00	55.43 1.61 0.00	58.77 1.99 0.00	59.71 1.90 0.00	54.29 1.43 0.00	51.92 1.27 0.00	47.46 1.20 0.00
EMPIRE_CC_2 323658	48.86 1.19 0.00	44.78 1.09 0.00	43.54 1.06 0.00	41.67 0.98 0.00	40.92 1.00 0.00	44.67 1.05 0.00	51.51 1.40 0.00	56.44 1.59 0.00	58.44 1.76 0.00	58.54 1.81 0.00	58.16 1.80 0.00	57.97 1.69 0.00	53.94 1.36 0.00	52.14 1.32 0.00	50.98 1.44 0.00	50.91 1.38 0.00	51.23 1.49 0.00	54.39 1.58 0.00	55.43 1.61 0.00	58.77 1.99 0.00	59.71 1.90 0.00	54.29 1.43 0.00	51.92 1.27 0.00	47.46 1.20 0.00
ENORWICH_115KV_TB1 80156	50.81 3.15 0.00	46.62 2.93 0.00	45.37 2.89 0.00	43.46 2.77 0.00	42.56 2.63 0.00	46.68 3.05 0.00	53.81 3.71 0.00	59.02 4.17 0.00	61.04 4.36 0.00	61.04 4.31 0.00	60.47 4.11 0.00	60.11 3.83 0.00	55.99 3.42 0.00	54.13 3.30 0.00	52.72 3.17 0.00	52.79 3.27 0.00	52.93 3.18 0.00	56.19 3.38 0.00	57.85 4.04 0.00	61.78 5.00 0.00	62.78 4.97 0.00	56.88 4.02 0.00	54.40 3.75 0.00	49.50 3.24 0.00
ERIE_ST__34_KV_TB1-2 80199	45.62 -2.05 0.00	41.90 -1.79 0.00	40.74 -1.74 0.00	39.23 -1.46 0.00	37.77 -2.16 0.00	41.62 -2.01 0.00	47.90 -2.20 0.00	52.55 -2.30 0.00	54.30 -2.38 0.00	53.60 -3.12 0.00	53.99 -2.37 0.00	53.64 -2.65 0.00	50.10 -2.47 0.00	48.74 -2.08 0.00	46.92 -2.63 0.00	47.49 -2.03 0.00	47.75 -1.99 0.00	50.64 -2.17 0.00	51.88 -1.94 0.00	55.25 -1.53 0.00	56.13 -1.68 0.00	51.01 -1.85 0.00	49.19 -1.47 0.00	44.97 -1.30 0.00
ERIE_WT_PWR 323693	46.10 -1.57 0.00	41.81 -1.88 0.00	40.69 -1.78 0.00	39.19 -1.50 0.00	38.17 -1.76 0.00	41.66 -1.96 0.00	47.80 -2.30 0.00	52.33 -2.52 0.00	54.07 -2.61 0.00	54.45 -2.27 0.00	53.82 -2.53 0.00	54.03 -2.25 0.00	50.31 -2.26 0.00	48.64 -2.18 0.00	46.82 -2.72 0.00	47.35 -2.18 0.00	47.61 -2.14 0.00	50.59 -2.22 0.00	51.66 -2.15 0.00	54.97 -1.82 0.00	55.95 -1.85 0.00	50.85 -2.01 0.00	49.03 -1.62 0.00	44.92 -1.34 0.00
ESPRGFLD_115KV_TB1 80157	50.19 2.53 0.00	46.00 2.32 0.00	44.73 2.25 0.00	42.77 2.08 0.00	41.96 2.04 0.00	45.89 2.27 0.00	52.86 2.76 0.00	57.92 3.07 0.00	60.02 3.34 0.00	60.01 3.29 0.00	59.68 3.32 0.00	59.27 2.98 0.00	55.20 2.63 0.00	53.41 2.59 0.00	52.07 2.53 0.00	52.05 2.53 0.00	52.23 2.49 0.00	55.50 2.69 0.00	56.83 3.01 0.00	60.59 3.80 0.00	61.62 3.82 0.00	55.98 3.12 0.00	53.59 2.94 0.00	48.85 2.59 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.38 0.72 0.00	44.30 0.61 0.00	43.07 0.59 0.00	41.30 0.61 0.00	40.40 0.48 0.00	44.23 0.61 0.00	50.96 0.85 0.00	55.84 0.99 0.00	57.81 1.13 0.00	57.69 0.96 0.00	57.37 1.01 0.00	57.13 0.84 0.00	53.25 0.68 0.00	51.53 0.71 0.00	50.14 0.59 0.00	50.27 0.74 0.00	50.54 0.80 0.00	53.65 0.84 0.00	54.84 1.02 0.00	58.21 1.42 0.00	59.25 1.45 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.05 0.79 0.00
ETNA____115KV_TB2 80207	48.38 0.72 0.00	44.30 0.61 0.00	43.07 0.59 0.00	41.30 0.61 0.00	40.40 0.48 0.00	44.23 0.61 0.00	50.96 0.85 0.00	55.84 0.99 0.00	57.81 1.13 0.00	57.69 0.96 0.00	57.37 1.01 0.00	57.13 0.84 0.00	53.25 0.68 0.00	51.53 0.71 0.00	50.14 0.59 0.00	50.27 0.74 0.00	50.54 0.80 0.00	53.65 0.84 0.00	54.84 1.02 0.00	58.21 1.42 0.00	59.25 1.45 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.05 0.79 0.00
EUCLID__115KV_TB2 356179	47.10 -0.57 0.00	43.12 -0.57 0.00	41.92 -0.55 0.00	40.20 -0.49 0.00	39.36 -0.56 0.00	43.01 -0.61 0.00	49.50 -0.60 0.00	54.19 -0.66 0.00	56.11 -0.57 0.00	56.10 -0.62 0.00	55.85 -0.51 0.00	55.72 -0.56 0.00	51.94 -0.63 0.00	50.26 -0.56 0.00	48.90 -0.64 0.00	48.98 -0.54 0.00	49.15 -0.60 0.00	52.17 -0.63 0.00	53.23 -0.59 0.00	56.33 -0.45 0.00	57.34 -0.46 0.00	52.23 -0.63 0.00	50.10 -0.56 0.00	45.71 -0.56 0.00
E_CANADA_CAP_HY 24051	50.86 3.19 0.00	46.57 2.88 0.00	45.32 2.85 0.00	43.34 2.64 0.00	42.52 2.59 0.00	46.46 2.83 0.00	53.46 3.36 0.00	58.53 3.68 0.00	60.53 3.86 0.00	60.58 3.86 0.00	60.13 3.78 0.00	59.66 3.38 0.00	55.41 2.84 0.00	53.67 2.84 0.00	52.37 2.82 0.00	52.34 2.82 0.00	52.58 2.83 0.00	56.03 3.22 0.00	57.42 3.61 0.00	61.33 4.54 0.00	62.37 4.57 0.00	56.72 3.86 0.00	54.31 3.65 0.00	49.45 3.19 0.00
E_CANADA_MHWK_HY 24050	46.81 -0.86 0.00	42.95 -0.74 0.00	41.75 -0.72 0.00	39.96 -0.73 0.00	39.28 -0.64 0.00	43.01 -0.61 0.00	49.61 -0.50 0.00	54.41 -0.44 0.00	56.45 -0.23 0.00	56.84 0.11 0.00	56.52 0.17 0.00	56.28 0.00 0.00	52.47 -0.10 0.00	50.72 -0.10 0.00	49.54 0.00 0.00	49.47 -0.05 0.00	49.64 -0.10 0.00	52.65 -0.16 0.00	53.71 -0.11 0.00	56.96 0.17 0.00	57.80 0.00 0.00	52.70 -0.16 0.00	50.55 -0.10 0.00	46.22 -0.05 0.00
E_FISHKILL__LBMP 23776	49.53 1.86 0.00	45.26 1.57 0.00	44.01 1.53 0.00	42.08 1.38 0.00	41.40 1.48 0.00	45.19 1.57 0.00	52.01 1.90 0.00	56.99 2.14 0.00	59.28 2.61 0.00	59.28 2.55 0.00	59.06 2.71 0.00	58.81 2.53 0.00	54.94 2.37 0.00	53.01 2.19 0.00	51.82 2.28 0.00	51.75 2.23 0.00	52.03 2.29 0.00	55.18 2.38 0.00	56.18 2.37 0.00	59.57 2.78 0.00	60.63 2.83 0.00	54.97 2.11 0.00	52.63 1.98 0.00	48.07 1.80 0.00
FALCON___SEABRD_CC1 323796	48.71 1.05 0.00	44.91 1.22 0.00	43.62 1.15 0.00	41.83 1.14 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.21 1.10 0.00	55.95 1.10 0.00	57.64 0.96 0.00	57.46 0.74 0.00	57.20 0.85 0.00	56.96 0.68 0.00	53.57 1.00 0.00	51.84 1.02 0.00	50.44 0.89 0.00	50.42 0.89 0.00	50.59 0.84 0.00	53.65 0.84 0.00	54.68 0.86 0.00	57.30 0.51 0.00	58.50 0.70 0.00	54.08 1.22 0.00	51.87 1.21 0.00	47.33 1.06 0.00

FALCON___SEABRD_CC2 323797	48.71 1.05 0.00	44.91 1.22 0.00	43.62 1.15 0.00	41.83 1.14 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.21 1.10 0.00	55.95 1.10 0.00	57.64 0.96 0.00	57.46 0.74 0.00	57.20 0.85 0.00	56.96 0.68 0.00	53.57 1.00 0.00	51.84 1.02 0.00	50.44 0.89 0.00	50.42 0.89 0.00	50.59 0.84 0.00	53.65 0.84 0.00	54.68 0.86 0.00	57.30 0.51 0.00	58.50 0.70 0.00	54.08 1.22 0.00	51.87 1.21 0.00	47.33 1.06 0.00
FAR ROCKAWAY___4 23548	50.19 2.53 0.00	45.92 2.23 0.00	44.52 2.04 0.00	42.48 1.79 0.00	41.96 2.04 0.00	45.93 2.31 0.00	52.46 2.35 0.00	57.15 2.36 0.06	59.96 3.29 0.00	60.07 3.35 0.00	59.73 3.38 0.00	59.71 3.43 0.00	55.83 3.26 0.00	53.61 2.80 0.00	52.66 3.12 0.00	52.44 2.92 0.00	52.72 2.98 0.00	55.97 3.17 0.00	56.88 3.07 0.00	60.25 3.46 0.00	61.65 3.87 0.03	55.44 2.59 0.01	53.08 2.43 0.01	48.76 2.50 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.38 2.72 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.77 2.08 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.42 3.74 0.00	60.47 3.74 0.00	60.25 3.89 0.00	60.06 3.77 0.00	56.10 3.52 0.00	54.08 3.25 0.00	52.97 3.42 0.00	52.80 3.27 0.00	53.13 3.38 0.00	56.30 3.49 0.00	57.27 3.44 0.00	60.77 3.98 0.00	61.93 4.10 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.43 2.76 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.81 2.12 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.96 2.86 0.00	57.92 3.07 0.00	60.42 3.74 0.00	60.47 3.74 0.00	60.25 3.89 0.00	60.06 3.77 0.00	56.10 3.52 0.00	54.08 3.25 0.00	52.97 3.42 0.00	52.80 3.27 0.00	53.13 3.38 0.00	56.30 3.49 0.00	57.27 3.44 0.00	60.77 3.98 0.00	61.99 4.16 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.38 2.72 0.00	46.05 2.36 0.00	44.73 2.25 0.00	42.77 2.08 0.00	42.12 2.20 0.00	45.98 2.36 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.37 3.68 0.00	60.42 3.69 0.00	60.25 3.89 0.00	60.00 3.71 0.00	56.05 3.47 0.00	54.03 3.20 0.00	52.92 3.37 0.00	52.80 3.27 0.00	53.08 3.33 0.00	56.25 3.43 0.00	57.21 3.39 0.00	60.71 3.92 0.00	61.93 4.10 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.95 2.68 0.00
FARRAGUT___LBMP 323566	50.34 2.67 0.00	46.05 2.36 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 0.00	60.36 3.63 0.00	60.19 3.83 0.00	59.95 3.66 0.00	55.99 3.42 0.00	54.03 3.20 0.00	52.87 3.32 0.00	52.75 3.22 0.00	53.03 3.28 0.00	56.25 3.43 0.00	57.21 3.39 0.00	60.65 3.86 0.00	61.88 4.05 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.95 2.68 0.00
FENNER___WINDPWR 24204	48.48 0.81 0.00	44.39 0.70 0.00	43.15 0.68 0.00	41.34 0.65 0.00	40.56 0.64 0.00	44.36 0.74 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.81 1.13 0.00	58.03 1.31 0.00	57.48 1.13 0.00	57.41 1.13 0.00	53.46 0.89 0.00	51.69 0.86 0.00	50.33 0.79 0.00	50.31 0.79 0.00	50.54 0.79 0.00	53.65 0.84 0.00	54.79 0.97 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.86 1.00 0.00	51.57 0.91 0.00	47.00 0.74 0.00
FIBERTEK___ENERGY 23856	47.57 -0.10 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.72 -0.20 0.00	43.49 -0.13 0.00	50.01 -0.10 0.00	54.80 -0.05 0.00	56.73 0.06 0.00	56.78 0.06 0.00	56.47 0.11 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.69 -0.05 0.00	52.70 -0.11 0.00	53.76 -0.05 0.00	56.96 0.17 0.00	57.98 0.17 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.17 -0.09 0.00
FITZPATRICK____ 23598	46.62 -1.05 0.00	42.64 -1.05 0.00	41.46 -1.02 0.00	39.76 -0.93 0.00	38.96 -0.96 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.53 -1.32 0.00	55.38 -1.30 0.00	55.53 -1.19 0.00	55.11 -1.24 0.00	55.04 -1.24 0.00	51.31 -1.26 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.33 -1.19 0.00	48.50 -1.24 0.00	51.49 -1.32 0.00	52.53 -1.29 0.00	55.54 -1.25 0.00	56.53 -1.27 0.00	51.59 -1.27 0.00	49.44 -1.22 0.00	45.15 -1.11 0.00
FLOWRFLD_69_KV_BK1 356044	49.19 1.53 0.00	44.96 1.27 0.00	43.54 1.06 0.00	41.51 0.81 0.00	41.08 1.16 0.00	45.10 1.48 0.00	51.66 1.55 0.00	55.71 1.37 0.51	59.00 2.32 0.00	58.99 2.27 0.00	58.21 1.86 0.00	58.19 1.91 0.00	54.35 1.79 0.00	52.19 1.37 0.00	51.37 1.83 0.00	51.20 1.68 0.00	51.53 1.79 0.00	55.02 2.22 0.00	55.80 1.99 0.00	59.05 2.27 0.00	60.13 2.60 0.27	54.17 1.32 0.01	52.12 1.47 0.01	47.98 1.71 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.81 2.15 0.00	45.57 1.88 0.00	44.30 1.83 0.00	42.36 1.67 0.00	41.68 1.76 0.00	45.45 1.83 0.00	52.31 2.20 0.00	57.32 2.47 0.00	59.68 3.00 0.00	59.73 3.01 0.00	59.68 3.32 0.00	59.38 3.10 0.00	55.46 2.89 0.00	53.41 2.59 0.00	52.27 2.72 0.00	52.10 2.58 0.00	52.43 2.69 0.00	55.71 2.90 0.00	56.56 2.74 0.00	60.08 3.29 0.00	61.10 3.29 0.00	55.34 2.48 0.00	52.99 2.33 0.00	48.44 2.17 0.00
FORT ORANGE____ 23900	48.33 0.67 0.00	44.35 0.66 0.00	43.11 0.64 0.00	41.34 0.65 0.00	40.60 0.68 0.00	44.23 0.61 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.81 1.13 0.00	57.92 1.19 0.00	57.54 1.19 0.00	57.30 1.01 0.00	53.31 0.74 0.00	51.53 0.71 0.00	50.39 0.84 0.00	50.36 0.84 0.00	50.69 0.94 0.00	53.86 1.06 0.00	54.89 1.08 0.00	58.21 1.42 0.00	59.13 1.33 0.00	53.70 0.84 0.00	51.46 0.81 0.00	47.00 0.74 0.00
FORT_DRUM_COGEN 23780	47.67 0.00 0.00	43.78 0.09 0.00	42.60 0.13 0.00	40.77 0.08 0.00	40.04 0.12 0.00	43.75 0.13 0.00	50.11 0.00 0.00	54.74 -0.11 0.00	56.45 -0.23 0.00	56.61 -0.11 0.00	56.02 -0.34 0.00	55.66 -0.62 0.00	52.05 -0.53 0.00	50.21 -0.61 0.00	48.85 -0.69 0.00	48.88 -0.64 0.00	49.05 -0.70 0.00	52.23 -0.58 0.00	53.82 0.00 0.00	57.47 0.68 0.00	58.44 0.64 0.00	53.34 0.48 0.00	50.96 0.30 0.00	46.36 0.09 0.00
FOX_HILLS___ESR 323835	50.81 3.05 -0.09	50.65 2.71 -4.25	50.61 2.59 -5.54	50.64 2.40 -7.55	50.76 2.52 -8.32	50.61 2.66 -4.33	53.22 3.11 -0.01	58.26 3.40 -0.01	60.59 3.91 -0.01	60.70 3.97 -0.01	61.49 4.34 -0.79	62.42 4.16 -1.97	58.81 3.89 -2.34	56.52 3.66 -2.04	54.84 3.77 -1.53	55.26 3.66 -2.08	54.12 3.78 -0.59	59.78 3.91 -3.06	57.64 3.82 -0.01	61.17 4.37 -0.01	62.40 4.57 -0.03	56.36 3.49 -0.01	56.99 3.29 -3.04	51.44 3.05 -2.12
FPL FAR_ROCK_GT1 24212	50.14 2.48 0.00	45.96 2.27 0.00	44.56 2.08 0.00	42.44 1.75 0.00	41.76 1.84 0.00	45.76 2.14 0.00	52.46 2.36 0.00	57.15 2.36 0.06	59.90 3.23 0.00	60.07 3.35 0.00	59.73 3.38 0.00	59.77 3.49 0.00	55.61 3.05 0.00	53.66 2.84 0.00	52.56 3.02 0.00	52.44 2.92 0.00	52.72 2.98 0.00	55.81 3.01 0.00	56.88 3.07 0.00	60.30 3.52 0.00	61.65 3.87 0.03	55.44 2.59 0.01	53.08 2.43 0.01	48.76 2.50 0.00

FPL FAR_ROCK_GT2 23815	50.14 2.48 0.00	45.96 2.27 0.00	44.56 2.08 0.00	42.44 1.75 0.00	41.76 1.84 0.00	45.76 2.14 0.00	52.46 2.36 0.00	57.15 2.36 0.06	59.90 3.23 0.00	60.07 3.35 0.00	59.73 3.38 0.00	59.77 3.49 0.00	55.61 3.05 0.00	53.66 2.84 0.00	52.56 3.02 0.00	52.44 2.92 0.00	52.72 2.98 0.00	55.81 3.01 0.00	56.88 3.07 0.00	60.30 3.52 0.00	61.65 3.87 0.03	55.44 2.59 0.01	53.08 2.43 0.01	48.76 2.50 0.00
FRANKLIN_FALL_HYD 24054	48.29 0.62 0.00	44.56 0.87 0.00	43.28 0.81 0.00	41.47 0.77 0.00	40.68 0.76 0.00	44.45 0.83 0.00	50.76 0.65 0.00	55.40 0.55 0.00	57.07 0.40 0.00	57.24 0.51 0.00	56.69 0.34 0.00	56.68 0.39 0.00	53.15 0.58 0.00	51.43 0.61 0.00	49.99 0.45 0.00	49.97 0.45 0.00	50.09 0.35 0.00	53.12 0.32 0.00	54.14 0.32 0.00	56.79 0.00 0.00	58.04 0.23 0.00	53.65 0.79 0.00	51.42 0.76 0.00	46.86 0.60 0.00
FREEPORT_EQUS_GT1 23764	49.62 1.96 0.00	45.48 1.79 0.00	44.09 1.61 0.00	42.03 1.34 0.00	41.32 1.40 0.00	45.28 1.66 0.00	51.91 1.80 0.00	56.32 1.75 0.29	59.23 2.55 0.00	59.39 2.67 0.00	59.00 2.65 0.00	58.98 2.70 0.00	54.88 2.31 0.00	52.95 2.13 0.00	51.92 2.38 0.00	51.80 2.28 0.00	52.13 2.39 0.00	55.18 2.38 0.00	56.24 2.42 0.00	59.62 2.84 0.00	60.77 3.12 0.15	54.81 1.96 0.01	52.47 1.82 0.01	48.30 2.03 0.00
FREEPORT___CT2 23818	49.62 1.96 0.00	45.48 1.79 0.00	44.09 1.61 0.00	42.03 1.34 0.00	41.32 1.40 0.00	45.28 1.66 0.00	51.91 1.80 0.00	56.32 1.75 0.29	59.23 2.55 0.00	59.39 2.67 0.00	59.00 2.65 0.00	58.98 2.70 0.00	54.88 2.31 0.00	52.95 2.13 0.00	51.92 2.38 0.00	51.80 2.28 0.00	52.13 2.39 0.00	55.18 2.38 0.00	56.24 2.42 0.00	59.62 2.84 0.00	60.77 3.12 0.15	54.81 1.96 0.01	52.47 1.82 0.01	48.30 2.03 0.00
FRESHKLS_33_KV_LOAD 356253	50.71 2.96 -0.09	50.56 2.62 -4.25	50.52 2.51 -5.54	50.56 2.32 -7.55	50.68 2.44 -8.32	50.56 2.62 -4.33	53.07 2.96 -0.01	58.10 3.24 -0.01	60.42 3.74 -0.01	60.53 3.80 -0.01	61.37 4.23 -0.79	62.31 4.05 -1.97	58.70 3.79 -2.34	56.42 3.56 -2.04	54.74 3.67 -1.53	55.17 3.57 -2.08	54.02 3.68 -0.59	56.62 3.80 -0.01	57.54 3.71 -0.01	61.05 4.26 -0.01	62.34 4.51 -0.03	56.25 3.38 -0.01	56.83 3.14 -3.04	51.35 2.96 -2.12
FULTON COGEN____ 23766	46.90 -0.76 0.00	42.95 -0.74 0.00	41.71 -0.76 0.00	40.00 -0.69 0.00	39.16 -0.76 0.00	42.84 -0.79 0.00	49.25 -0.85 0.00	53.97 -0.88 0.00	55.88 -0.79 0.00	55.93 -0.79 0.00	55.62 -0.73 0.00	55.49 -0.79 0.00	51.73 -0.84 0.00	50.06 -0.76 0.00	48.70 -0.84 0.00	48.73 -0.79 0.00	48.90 -0.85 0.00	51.91 -0.90 0.00	52.96 -0.86 0.00	56.05 -0.74 0.00	57.11 -0.69 0.00	52.01 -0.85 0.00	49.85 -0.81 0.00	45.48 -0.79 0.00
FULTON___LFGE 323630	50.81 3.15 0.00	46.57 2.88 0.00	45.28 2.80 0.00	43.30 2.61 0.00	42.52 2.59 0.00	46.46 2.83 0.00	53.52 3.41 0.00	58.58 3.73 0.00	60.59 3.91 0.00	60.64 3.91 0.00	60.19 3.83 0.00	59.77 3.49 0.00	55.41 2.84 0.00	53.72 2.90 0.00	52.42 2.87 0.00	52.39 2.87 0.00	52.78 3.03 0.00	56.19 3.38 0.00	57.53 3.71 0.00	61.39 4.60 0.00	62.43 4.63 0.00	56.61 3.75 0.00	54.25 3.60 0.00	49.41 3.15 0.00
G.F.CEMENT___DRP 24184	50.34 2.67 0.00	46.09 2.40 0.00	44.86 2.38 0.00	42.89 2.20 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.08 3.40 0.00	60.19 3.46 0.00	60.07 3.72 0.00	59.60 3.32 0.00	55.31 2.73 0.00	53.62 2.80 0.00	52.27 2.72 0.00	52.30 2.77 0.00	52.73 2.98 0.00	55.98 3.17 0.00	57.15 3.34 0.00	60.71 3.92 0.00	61.73 3.93 0.00	55.82 2.96 0.00	53.44 2.79 0.00	48.72 2.45 0.00
GARDENVILLE___LBMP 24039	45.47 -2.19 0.00	41.77 -1.92 0.00	40.61 -1.87 0.00	39.11 -1.59 0.00	37.65 -2.28 0.00	41.44 -2.18 0.00	47.65 -2.46 0.00	52.16 -2.69 0.00	54.01 -2.66 0.00	53.21 -3.52 0.00	53.71 -2.65 0.00	53.36 -2.93 0.00	49.84 -2.73 0.00	48.48 -2.34 0.00	46.67 -2.87 0.00	47.25 -2.28 0.00	47.51 -2.24 0.00	50.38 -2.43 0.00	51.56 -2.26 0.00	54.91 -1.87 0.00	55.78 -2.02 0.00	50.75 -2.11 0.00	48.93 -1.72 0.00	44.83 -1.43 0.00
GARDNVLA_35_KV_LD 355827	45.62 -2.05 0.00	41.90 -1.79 0.00	40.78 -1.70 0.00	39.23 -1.46 0.00	37.77 -2.16 0.00	41.57 -2.05 0.00	47.80 -2.30 0.00	52.38 -2.47 0.00	54.18 -2.49 0.00	53.43 -3.29 0.00	53.87 -2.48 0.00	53.58 -2.70 0.00	50.05 -2.52 0.00	48.69 -2.13 0.00	46.87 -2.68 0.00	47.44 -2.08 0.00	47.70 -2.04 0.00	50.59 -2.22 0.00	51.77 -2.05 0.00	55.14 -1.65 0.00	56.01 -1.79 0.00	50.90 -1.96 0.00	49.14 -1.52 0.00	44.97 -1.30 0.00
GELCKHM___115KV_LOAD 80723	47.24 -0.43 0.00	43.25 -0.44 0.00	42.05 -0.42 0.00	40.33 -0.37 0.00	39.48 -0.44 0.00	43.19 -0.44 0.00	49.66 -0.45 0.00	54.41 -0.44 0.00	56.34 -0.34 0.00	56.33 -0.40 0.00	56.07 -0.28 0.00	55.95 -0.34 0.00	52.15 -0.42 0.00	50.47 -0.36 0.00	49.10 -0.45 0.00	49.13 -0.40 0.00	49.35 -0.40 0.00	52.39 -0.42 0.00	53.39 -0.43 0.00	56.56 -0.23 0.00	57.57 -0.23 0.00	52.44 -0.42 0.00	50.25 -0.41 0.00	45.85 -0.42 0.00
GENERAL___MILLS 23808	45.52 -2.15 0.00	41.85 -1.83 0.00	40.69 -1.78 0.00	39.19 -1.51 0.00	37.69 -2.24 0.00	41.48 -2.14 0.00	47.75 -2.35 0.00	52.27 -2.58 0.00	54.07 -2.61 0.00	53.32 -3.40 0.00	53.76 -2.59 0.00	53.47 -2.81 0.00	49.94 -2.63 0.00	48.54 -2.29 0.00	46.77 -2.77 0.00	47.34 -2.18 0.00	47.61 -2.14 0.00	50.48 -2.32 0.00	51.66 -2.15 0.00	55.03 -1.76 0.00	55.90 -1.91 0.00	50.80 -2.06 0.00	49.04 -1.62 0.00	44.88 -1.39 0.00
GE_PLASTICS___DRP 24183	48.33 0.67 0.00	44.26 0.57 0.00	43.07 0.59 0.00	41.26 0.57 0.00	40.56 0.64 0.00	44.19 0.57 0.00	50.91 0.80 0.00	55.73 0.88 0.00	57.75 1.08 0.00	57.75 1.02 0.00	57.48 1.13 0.00	57.24 0.96 0.00	53.36 0.79 0.00	51.59 0.76 0.00	50.39 0.84 0.00	50.32 0.79 0.00	50.64 0.90 0.00	53.76 0.95 0.00	54.73 0.91 0.00	57.98 1.19 0.00	58.96 1.16 0.00	53.65 0.79 0.00	51.37 0.71 0.00	46.91 0.65 0.00
GILBOA___1 23756	48.48 0.81 0.00	44.39 0.70 0.00	43.15 0.68 0.00	41.30 0.61 0.00	40.56 0.64 0.00	44.32 0.70 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.87 1.19 0.00	58.03 1.31 0.00	57.65 1.30 0.00	57.52 1.24 0.00	53.57 1.00 0.00	51.79 0.96 0.00	50.53 0.99 0.00	50.51 0.99 0.00	50.79 1.05 0.00	53.86 1.06 0.00	54.79 0.97 0.00	58.09 1.31 0.00	59.07 1.27 0.00	53.81 0.95 0.00	51.57 0.91 0.00	47.10 0.83 0.00
GILBOA___2 23757	48.48 0.81 0.00	44.39 0.70 0.00	43.15 0.68 0.00	41.30 0.61 0.00	40.56 0.64 0.00	44.32 0.70 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.87 1.19 0.00	58.03 1.31 0.00	57.65 1.30 0.00	57.52 1.24 0.00	53.57 1.00 0.00	51.79 0.96 0.00	50.53 0.99 0.00	50.51 0.99 0.00	50.79 1.05 0.00	53.86 1.06 0.00	54.79 0.97 0.00	58.09 1.31 0.00	59.07 1.27 0.00	53.81 0.95 0.00	51.57 0.91 0.00	47.10 0.83 0.00

GILBOA___3 23758	48.48 0.81 0.00	44.39 0.70 0.00	43.15 0.68 0.00	41.30 0.61 0.00	40.56 0.64 0.00	44.32 0.70 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.87 1.19 0.00	58.03 1.31 0.00	57.65 1.30 0.00	57.52 1.24 0.00	53.57 1.00 0.00	51.79 0.96 0.00	50.53 0.99 0.00	50.51 0.99 0.00	50.79 1.05 0.00	53.86 1.06 0.00	54.79 0.97 0.00	58.09 1.31 0.00	59.07 1.27 0.00	53.81 0.95 0.00	51.57 0.91 0.00	47.10 0.83 0.00
GILBOA___4 23759	48.48 0.81 0.00	44.39 0.70 0.00	43.15 0.68 0.00	41.30 0.61 0.00	40.56 0.64 0.00	44.32 0.70 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.87 1.19 0.00	58.03 1.31 0.00	57.65 1.30 0.00	57.52 1.24 0.00	53.57 1.00 0.00	51.79 0.96 0.00	50.53 0.99 0.00	50.51 0.99 0.00	50.79 1.05 0.00	53.86 1.06 0.00	54.79 0.97 0.00	58.09 1.31 0.00	59.07 1.27 0.00	53.81 0.95 0.00	51.57 0.91 0.00	47.10 0.83 0.00
GILBOA___ 23599	48.48 0.81 0.00	44.39 0.70 0.00	43.16 0.68 0.00	41.34 0.65 0.00	40.60 0.68 0.00	44.32 0.70 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.92 1.25 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.41 1.13 0.00	53.57 1.00 0.00	51.79 0.97 0.00	50.54 0.99 0.00	50.51 0.99 0.00	50.79 1.04 0.00	53.92 1.11 0.00	54.79 0.97 0.00	58.04 1.25 0.00	59.08 1.27 0.00	53.81 0.95 0.00	51.52 0.86 0.00	47.10 0.83 0.00
GINNA___ 23603	44.95 -2.72 0.00	40.89 -2.80 0.00	39.80 -2.67 0.00	38.29 -2.40 0.00	37.41 -2.51 0.00	40.79 -2.83 0.00	46.75 -3.36 0.00	51.29 -3.56 0.00	53.16 -3.51 0.00	53.49 -3.23 0.00	52.97 -3.38 0.00	53.24 -3.04 0.00	49.42 -3.15 0.00	47.77 -3.05 0.00	46.32 -3.22 0.00	46.45 -3.07 0.00	46.56 -3.18 0.00	49.53 -3.27 0.00	50.48 -3.34 0.00	53.55 -3.23 0.00	54.68 -3.12 0.00	49.58 -3.28 0.00	47.82 -2.84 0.00	43.63 -2.64 0.00
GLEN PARK___ 23778	47.76 0.10 0.00	43.82 0.13 0.00	42.65 0.17 0.00	40.82 0.12 0.00	40.12 0.20 0.00	43.84 0.22 0.00	50.21 0.10 0.00	54.80 -0.05 0.00	56.51 -0.17 0.00	56.72 0.00 0.00	56.02 -0.34 0.00	55.72 -0.56 0.00	52.05 -0.53 0.00	50.22 -0.61 0.00	48.85 -0.69 0.00	48.88 -0.65 0.00	49.05 -0.70 0.00	52.28 -0.53 0.00	53.93 0.11 0.00	57.64 0.85 0.00	58.61 0.81 0.00	53.44 0.58 0.00	51.01 0.36 0.00	46.40 0.14 0.00
GLENDALE_27_KV_LOAD 356172	50.77 3.10 -0.01	46.41 2.71 -0.01	45.08 2.59 -0.01	43.10 2.40 -0.01	42.44 2.52 -0.01	46.33 2.70 -0.01	53.32 3.21 -0.01	58.37 3.51 -0.01	60.71 4.02 -0.01	60.81 4.08 -0.01	60.70 4.34 -0.01	60.51 4.22 -0.01	56.47 3.89 -0.01	54.49 3.66 -0.01	53.32 3.77 -0.01	53.20 3.66 -0.01	53.54 3.78 -0.01	56.73 3.91 -0.01	57.70 3.87 -0.01	61.22 4.43 -0.01	62.46 4.62 -0.03	56.46 3.59 -0.01	54.06 3.39 -0.01	49.37 3.10 -0.01
GLENWOOD_IC_1_G5 23712	50.00 2.34 0.00	45.74 2.05 0.00	44.39 1.91 0.00	42.40 1.71 0.00	41.80 1.88 0.00	45.72 2.09 0.00	52.36 2.25 0.00	57.09 2.41 0.17	59.62 2.95 0.00	59.73 3.01 0.00	59.45 3.10 0.00	59.32 3.04 0.00	55.41 2.84 0.00	53.51 2.69 0.00	52.46 2.92 0.00	52.29 2.77 0.00	52.57 2.84 0.00	55.60 2.80 0.00	56.50 2.69 0.00	59.91 3.12 0.00	61.05 3.35 0.10	55.18 2.33 0.00	52.98 2.33 0.00	48.58 2.31 0.00
GLENWOOD_IC_2_G1 23688	49.86 2.19 0.00	45.66 1.97 0.00	44.34 1.87 0.00	42.36 1.67 0.00	41.60 1.68 0.00	45.54 1.92 0.00	52.36 2.26 0.00	57.26 2.41 0.00	59.67 3.00 0.00	59.84 3.12 0.00	59.50 3.15 0.00	59.43 3.15 0.00	55.30 2.73 0.00	53.41 2.59 0.00	52.31 2.77 0.00	52.19 2.67 0.00	52.47 2.73 0.00	55.60 2.80 0.00	56.61 2.80 0.00	60.02 3.24 0.00	61.19 3.41 0.03	55.29 2.43 0.00	52.94 2.28 0.00	48.48 2.22 0.00
GLENWOOD_IC_3_G1 23689	49.86 2.19 0.00	45.66 1.97 0.00	44.34 1.87 0.00	42.36 1.67 0.00	41.60 1.68 0.00	45.54 1.92 0.00	52.36 2.26 0.00	57.26 2.41 0.00	59.67 3.00 0.00	59.84 3.12 0.00	59.50 3.15 0.00	59.43 3.15 0.00	55.30 2.73 0.00	53.41 2.59 0.00	52.31 2.77 0.00	52.19 2.67 0.00	52.47 2.73 0.00	55.60 2.80 0.00	56.61 2.80 0.00	60.02 3.24 0.00	61.19 3.41 0.03	55.29 2.43 0.00	52.94 2.28 0.00	48.48 2.22 0.00
GLENWOOD___4 23550	50.00 2.34 0.00	45.74 2.05 0.00	44.39 1.91 0.00	42.40 1.71 0.00	41.80 1.88 0.00	45.72 2.09 0.00	52.36 2.25 0.00	57.09 2.41 0.17	59.73 3.06 0.00	59.78 3.06 0.00	59.51 3.16 0.00	59.37 3.10 0.00	55.46 2.89 0.00	53.51 2.69 0.00	52.46 2.92 0.00	52.29 2.77 0.00	52.57 2.84 0.00	55.65 2.85 0.00	56.56 2.74 0.00	59.96 3.18 0.00	61.17 3.47 0.10	55.23 2.38 0.00	52.98 2.33 0.00	48.58 2.31 0.00
GLENWOOD___5 23614	50.00 2.34 0.00	45.74 2.05 0.00	44.39 1.91 0.00	42.40 1.71 0.00	41.80 1.88 0.00	45.72 2.09 0.00	52.36 2.25 0.00	57.09 2.41 0.17	59.73 3.06 0.00	59.78 3.06 0.00	59.51 3.16 0.00	59.37 3.10 0.00	55.46 2.89 0.00	53.51 2.69 0.00	52.46 2.92 0.00	52.29 2.77 0.00	52.57 2.84 0.00	55.65 2.85 0.00	56.56 2.74 0.00	59.96 3.18 0.00	61.17 3.47 0.10	55.23 2.38 0.00	52.98 2.33 0.00	48.58 2.31 0.00
GLOBAL GREEN_PORT_GT1 23814	48.53 0.86 0.00	44.43 0.74 0.00	43.03 0.55 0.00	40.94 0.25 0.00	40.32 0.40 0.00	44.28 0.66 0.00	51.71 1.60 0.00	55.82 1.48 0.51	59.00 2.32 0.00	59.10 2.38 0.00	57.53 1.19 0.00	57.80 1.52 0.00	53.67 1.11 0.00	51.58 0.76 0.00	50.53 0.99 0.00	50.61 1.09 0.00	50.93 1.19 0.00	54.39 1.58 0.00	55.37 1.56 0.00	58.65 1.87 0.00	59.55 2.02 0.27	53.54 0.69 0.01	51.81 1.17 0.01	47.98 1.71 0.00
GLOBE___DSASP 323697	44.00 -3.67 0.00	40.46 -3.23 0.00	39.38 -3.10 0.00	37.93 -2.77 0.00	36.41 -3.51 0.00	40.04 -3.58 0.00	46.05 -4.06 0.00	50.24 -4.61 0.00	52.14 -4.53 0.00	51.28 -5.45 0.00	51.85 -4.51 0.00	51.50 -4.78 0.00	48.16 -4.42 0.00	46.86 -3.96 0.00	45.18 -4.36 0.00	45.76 -3.76 0.00	46.01 -3.73 0.00	48.74 -4.07 0.00	49.83 -3.98 0.00	52.98 -3.80 0.00	53.87 -3.93 0.00	49.00 -3.86 0.00	47.36 -3.29 0.00	43.44 -2.82 0.00
GOETHSLN___LBMP 323567	50.19 2.53 0.00	45.87 2.18 0.00	44.60 2.12 0.00	42.61 1.91 0.00	42.00 2.08 0.00	45.80 2.18 0.00	52.71 2.61 0.00	57.65 2.80 0.00	60.14 3.46 0.00	60.13 3.40 0.00	59.97 3.61 0.00	59.72 3.43 0.00	55.78 3.21 0.00	53.83 3.00 0.00	52.72 3.17 0.00	52.55 3.02 0.00	52.88 3.13 0.00	55.98 3.17 0.00	56.94 3.12 0.00	60.43 3.63 0.00	61.65 3.82 -0.03	55.77 2.91 0.00	53.39 2.74 0.00	48.81 2.54 0.00
GOLAH___69_KV_TB 1_2 80279	46.24 -1.43 0.00	42.33 -1.35 0.00	41.24 -1.23 0.00	39.72 -0.98 0.00	38.48 -1.44 0.00	42.23 -1.40 0.00	48.45 -1.65 0.00	52.99 -1.86 0.00	54.86 -1.81 0.00	54.40 -2.33 0.00	54.49 -1.86 0.00	54.31 -1.97 0.00	50.63 -1.95 0.00	49.15 -1.68 0.00	47.61 -1.93 0.00	47.89 -1.63 0.00	48.05 -1.69 0.00	51.01 -1.80 0.00	52.15 -1.67 0.00	55.54 -1.25 0.00	56.59 -1.21 0.00	51.38 -1.48 0.00	49.59 -1.06 0.00	45.38 -0.88 0.00

GOODYEAR_LAKE_HYD 323669	49.43 1.76 0.00	45.26 1.57 0.00	44.05 1.57 0.00	42.16 1.46 0.00	41.36 1.44 0.00	45.19 1.57 0.00	52.06 1.95 0.00	57.05 2.19 0.00	59.17 2.49 0.00	59.22 2.50 0.00	58.95 2.59 0.00	58.65 2.36 0.00	54.73 2.16 0.00	52.86 2.03 0.00	51.53 1.98 0.00	51.50 1.98 0.00	51.68 1.94 0.00	54.81 2.01 0.00	56.02 2.21 0.00	59.57 2.78 0.00	60.58 2.77 0.00	55.03 2.17 0.00	52.68 2.03 0.00	48.07 1.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.71 0.05 0.00	43.69 0.00 0.00	42.48 0.00 0.00	40.73 0.04 0.00	39.80 -0.12 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	55.02 0.16 0.00	56.85 0.17 0.00	56.72 0.00 0.00	56.52 0.17 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.57 0.05 0.00	49.84 0.10 0.00	52.86 0.05 0.00	53.98 0.16 0.00	57.30 0.51 0.00	58.27 0.46 0.00	53.02 0.16 0.00	50.86 0.20 0.00	46.45 0.19 0.00
GOUDEY___7 23579	47.71 0.05 0.00	43.69 0.00 0.00	42.48 0.00 0.00	40.73 0.04 0.00	39.80 -0.12 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	55.02 0.16 0.00	56.85 0.17 0.00	56.72 0.00 0.00	56.52 0.17 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.57 0.05 0.00	49.84 0.10 0.00	52.86 0.05 0.00	53.98 0.16 0.00	57.30 0.51 0.00	58.27 0.46 0.00	53.02 0.16 0.00	50.86 0.20 0.00	46.45 0.19 0.00
GOUDEY___8 23580	47.71 0.05 0.00	43.69 0.00 0.00	42.48 0.00 0.00	40.73 0.04 0.00	39.80 -0.12 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	55.02 0.16 0.00	56.85 0.17 0.00	56.72 0.00 0.00	56.52 0.17 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.57 0.05 0.00	49.84 0.10 0.00	52.86 0.05 0.00	53.98 0.16 0.00	57.30 0.51 0.00	58.27 0.46 0.00	53.02 0.16 0.00	50.86 0.20 0.00	46.45 0.19 0.00
GOWANUS_GT1_1 24077	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT1_2 24078	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT1_3 24079	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT1_4 24080	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT1_5 24084	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT1_6 24111	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT1_7 24112	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT1_8 24113	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	58.96 4.05 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.81 3.98 -0.01	61.34 4.54 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.14 3.44 -3.04	51.58 3.19 -2.12
GOWANUS_GT2_1 24114	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT2_2 24115	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT2_3 24116	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12

GOWANUS_GT2_4 24117	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT2_5 24118	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT2_6 24119	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT2_7 24120	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT2_8 24121	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_1 24122	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_2 24123	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_3 24124	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_4 24125	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_5 24126	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_6 24127	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_7 24128	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT3_8 24129	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.88 4.01 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
GOWANUS_GT4_1 24130	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GOWANUS_GT4_2 24131	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12

GOWANUS_GT4_3 24132	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GOWANUS_GT4_4 24133	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GOWANUS_GT4_5 24134	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GOWANUS_GT4_6 24135	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GOWANUS_GT4_7 24136	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GOWANUS_GT4_8 24137	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GREENBSH_115KV_TB3 55895	48.19 0.52 0.00	44.13 0.44 0.00	42.94 0.47 0.00	41.18 0.49 0.00	40.44 0.52 0.00	44.06 0.44 0.00	50.76 0.65 0.00	55.62 0.77 0.00	57.58 0.91 0.00	57.63 0.91 0.00	57.31 0.96 0.00	57.07 0.79 0.00	53.20 0.63 0.00	51.43 0.61 0.00	50.24 0.69 0.00	50.22 0.69 0.00	50.49 0.75 0.00	53.60 0.79 0.00	54.62 0.81 0.00	57.87 1.08 0.00	58.84 1.04 0.00	53.44 0.58 0.00	51.21 0.56 0.00	46.77 0.51 0.00
GREENIDGE_115KV_TB5 80291	47.67 0.00 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.73 0.04 0.00	39.68 -0.24 0.00	43.53 -0.09 0.00	50.16 0.05 0.00	54.63 -0.22 0.00	56.45 -0.23 0.00	56.21 -0.51 0.00	55.96 -0.39 0.00	55.72 -0.56 0.00	52.31 -0.26 0.00	50.72 -0.10 0.00	49.15 -0.40 0.00	49.37 -0.15 0.00	49.69 -0.05 0.00	52.39 -0.42 0.00	53.60 -0.22 0.00	56.96 0.17 0.00	58.04 0.23 0.00	52.70 -0.16 0.00	51.01 0.35 0.00	46.49 0.23 0.00
GREENIDGE___3 23582	47.67 0.00 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.73 0.04 0.00	39.68 -0.24 0.00	43.53 -0.09 0.00	50.16 0.05 0.00	54.63 -0.22 0.00	56.45 -0.23 0.00	56.21 -0.51 0.00	55.96 -0.39 0.00	55.72 -0.56 0.00	52.31 -0.26 0.00	50.72 -0.10 0.00	49.15 -0.40 0.00	49.37 -0.15 0.00	49.69 -0.05 0.00	52.39 -0.42 0.00	53.60 -0.22 0.00	56.96 0.17 0.00	58.04 0.23 0.00	52.70 -0.16 0.00	51.01 0.35 0.00	46.49 0.23 0.00
GREENIDGE___4 23583	47.86 0.19 0.00	43.60 -0.09 0.00	42.43 -0.04 0.00	40.73 0.04 0.00	39.84 -0.08 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	54.63 -0.22 0.00	56.45 -0.23 0.00	56.72 0.00 0.00	55.96 -0.39 0.00	56.00 -0.28 0.00	52.31 -0.26 0.00	50.72 -0.10 0.00	49.15 -0.40 0.00	49.38 -0.15 0.00	49.69 -0.05 0.00	52.86 0.05 0.00	53.60 -0.21 0.00	56.96 0.17 0.00	58.04 0.23 0.00	52.70 -0.16 0.00	51.01 0.36 0.00	46.50 0.23 0.00
GREENLWN_69_KV_BK 3 55738	49.34 1.67 0.00	45.22 1.53 0.00	43.79 1.32 0.00	41.79 1.10 0.00	41.32 1.40 0.00	45.28 1.66 0.00	51.31 1.20 0.00	55.28 0.93 0.50	58.54 1.87 0.00	58.65 1.93 0.00	58.15 1.80 0.00	58.08 1.80 0.00	54.30 1.73 0.00	52.24 1.42 0.00	51.37 1.83 0.00	51.10 1.58 0.00	51.43 1.69 0.00	54.70 1.90 0.00	55.43 1.61 0.00	58.66 1.87 0.00	59.79 2.25 0.27	54.01 1.16 0.01	51.66 1.01 0.01	47.65 1.39 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12
GRISSOM___SOLAR 323813	50.62 2.96 0.00	46.35 2.67 0.00	45.11 2.63 0.00	43.13 2.44 0.00	42.32 2.40 0.00	46.28 2.66 0.00	53.32 3.21 0.00	58.36 3.51 0.00	60.36 3.68 0.00	60.41 3.69 0.00	60.02 3.66 0.00	59.60 3.32 0.00	55.25 2.68 0.00	53.57 2.74 0.00	52.27 2.72 0.00	52.29 2.77 0.00	52.63 2.88 0.00	56.03 3.22 0.00	57.31 3.50 0.00	61.10 4.31 0.00	62.14 4.34 0.00	56.35 3.49 0.00	54.00 3.34 0.00	49.23 2.96 0.00
GROVEVILLE___HYD 323602	49.81 2.15 0.00	45.57 1.88 0.00	44.30 1.83 0.00	42.36 1.67 0.00	41.68 1.76 0.00	45.45 1.83 0.00	52.31 2.20 0.00	57.32 2.47 0.00	59.68 3.00 0.00	59.73 3.01 0.00	59.68 3.32 0.00	59.38 3.10 0.00	55.46 2.89 0.00	53.41 2.59 0.00	52.27 2.72 0.00	52.10 2.58 0.00	52.43 2.69 0.00	55.71 2.90 0.00	56.56 2.74 0.00	60.08 3.29 0.00	61.10 3.29 0.00	55.34 2.48 0.00	52.99 2.33 0.00	48.44 2.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.57 -0.10 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.72 -0.20 0.00	43.49 -0.13 0.00	50.01 -0.10 0.00	54.80 -0.05 0.00	56.73 0.06 0.00	56.78 0.06 0.00	56.47 0.11 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.69 -0.05 0.00	52.70 -0.11 0.00	53.76 -0.05 0.00	56.96 0.17 0.00	57.98 0.17 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.17 -0.09 0.00

HAMLTNNY_34_KV_TB 80303	47.62 -0.05 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.65 -0.04 0.00	39.76 -0.16 0.00	43.49 -0.13 0.00	50.06 -0.05 0.00	54.91 0.05 0.00	56.85 0.17 0.00	56.84 0.11 0.00	56.52 0.17 0.00	56.40 0.11 0.00	52.57 0.00 0.00	50.92 0.10 0.00	49.49 -0.05 0.00	49.57 0.05 0.00	49.74 0.00 0.00	52.81 0.00 0.00	53.82 0.00 0.00	57.01 0.23 0.00	58.09 0.29 0.00	52.86 0.00 0.00	50.71 0.05 0.00	46.22 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	46.95 -0.71 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.64 -0.28 0.00	43.32 -0.30 0.00	49.30 -0.80 0.00	53.81 -1.04 0.00	55.43 -1.25 0.00	55.42 -1.30 0.00	54.95 -1.41 0.00	54.77 -1.52 0.00	51.36 -1.21 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.24 -1.29 0.00	48.40 -1.34 0.00	51.43 -1.37 0.00	52.68 -1.13 0.00	55.71 -1.08 0.00	56.70 -1.10 0.00	52.28 -0.58 0.00	50.00 -0.66 0.00	45.57 -0.69 0.00
HARDSCRABBLE_WT_PWR 323673	46.90 -0.76 0.00	43.03 -0.65 0.00	41.84 -0.64 0.00	40.04 -0.65 0.00	39.36 -0.56 0.00	43.14 -0.48 0.00	49.70 -0.40 0.00	54.52 -0.33 0.00	56.56 -0.11 0.00	56.95 0.23 0.00	56.64 0.28 0.00	56.40 0.11 0.00	52.57 0.00 0.00	50.82 0.00 0.00	49.64 0.10 0.00	49.62 0.10 0.00	49.74 0.00 0.00	52.76 -0.05 0.00	53.82 0.00 0.00	57.02 0.23 0.00	57.92 0.12 0.00	52.81 -0.05 0.00	50.66 0.00 0.00	46.26 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.53 1.86 0.00	45.31 1.62 0.00	44.05 1.57 0.00	42.12 1.42 0.00	41.44 1.52 0.00	45.19 1.57 0.00	52.01 1.90 0.00	57.05 2.19 0.00	59.34 2.66 0.00	59.39 2.67 0.00	59.23 2.87 0.00	58.99 2.70 0.00	55.10 2.52 0.00	53.11 2.29 0.00	51.97 2.43 0.00	51.80 2.28 0.00	52.13 2.39 0.00	55.34 2.53 0.00	56.24 2.42 0.00	59.74 2.95 0.00	60.76 2.95 0.00	55.08 2.22 0.00	52.68 2.03 0.00	48.16 1.90 0.00
HARSNRAD_115KV_TB1 81005	44.76 -2.91 0.00	41.16 -2.53 0.00	40.01 -2.46 0.00	38.54 -2.16 0.00	37.05 -2.87 0.00	40.74 -2.88 0.00	46.85 -3.26 0.00	51.18 -3.68 0.00	53.05 -3.63 0.00	52.24 -4.48 0.00	52.75 -3.61 0.00	52.46 -3.83 0.00	49.00 -3.57 0.00	47.62 -3.20 0.00	45.93 -3.62 0.00	46.50 -3.02 0.00	46.76 -2.98 0.00	49.53 -3.27 0.00	50.70 -3.12 0.00	53.95 -2.84 0.00	54.86 -2.95 0.00	49.90 -2.96 0.00	48.17 -2.48 0.00	44.18 -2.08 0.00
HARZA MOOSE___RIVER 24016	48.24 0.57 0.00	44.26 0.57 0.00	43.03 0.55 0.00	41.22 0.53 0.00	40.48 0.56 0.00	44.23 0.61 0.00	50.76 0.65 0.00	55.51 0.66 0.00	57.41 0.74 0.00	57.52 0.79 0.00	57.03 0.68 0.00	56.79 0.51 0.00	53.04 0.47 0.00	51.18 0.36 0.00	49.89 0.35 0.00	49.87 0.35 0.00	50.04 0.30 0.00	53.18 0.37 0.00	54.46 0.65 0.00	57.87 1.08 0.00	58.84 1.04 0.00	53.71 0.85 0.00	51.37 0.71 0.00	46.82 0.56 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.29 -0.38 0.00	43.30 -0.39 0.00	42.09 -0.38 0.00	40.33 -0.37 0.00	39.48 -0.44 0.00	43.19 -0.44 0.00	49.66 -0.45 0.00	54.47 -0.38 0.00	56.34 -0.34 0.00	56.33 -0.40 0.00	56.07 -0.28 0.00	55.95 -0.34 0.00	52.20 -0.37 0.00	50.52 -0.30 0.00	49.15 -0.40 0.00	49.18 -0.35 0.00	49.40 -0.35 0.00	52.39 -0.42 0.00	53.44 -0.38 0.00	56.56 -0.23 0.00	57.63 -0.17 0.00	52.44 -0.42 0.00	50.30 -0.35 0.00	45.89 -0.37 0.00
HELLGATE_13_KV_LD 55870	50.87 3.19 -0.01	46.49 2.80 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.42 3.57 -0.01	60.76 4.08 -0.01	60.81 4.08 -0.01	60.70 4.34 -0.01	60.51 4.22 -0.01	56.52 3.94 -0.01	54.49 3.66 -0.01	53.37 3.81 -0.01	53.25 3.71 -0.01	53.54 3.78 -0.01	56.78 3.96 -0.01	57.70 3.87 -0.01	61.22 4.43 -0.01	62.51 4.68 -0.03	56.57 3.70 -0.01	54.11 3.44 -0.01	49.42 3.15 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.87 3.19 -0.01	46.49 2.80 -0.01	45.16 2.68 -0.01	43.18 2.48 -0.01	42.52 2.59 -0.01	46.38 2.75 -0.01	53.37 3.26 -0.01	58.42 3.57 -0.01	60.76 4.08 -0.01	60.81 4.08 -0.01	60.70 4.34 -0.01	60.51 4.22 -0.01	56.52 3.94 -0.01	54.49 3.66 -0.01	53.37 3.81 -0.01	53.25 3.71 -0.01	53.54 3.78 -0.01	56.78 3.96 -0.01	57.70 3.87 -0.01	61.22 4.43 -0.01	62.51 4.68 -0.03	56.57 3.70 -0.01	54.11 3.44 -0.01	49.42 3.15 -0.01
HEMPSTEAD___ 23647	49.48 1.81 0.00	45.35 1.66 0.00	43.96 1.49 0.00	41.96 1.26 0.00	41.24 1.32 0.00	45.15 1.53 0.00	51.76 1.65 0.00	56.24 1.64 0.26	59.05 2.38 0.00	59.27 2.55 0.00	58.89 2.54 0.00	58.81 2.54 0.00	54.77 2.21 0.00	52.90 2.08 0.00	51.82 2.28 0.00	51.69 2.18 0.00	51.98 2.24 0.00	55.02 2.22 0.00	56.02 2.21 0.00	59.40 2.61 0.00	60.55 2.89 0.14	54.65 1.80 0.01	52.32 1.67 0.01	48.12 1.85 0.00
HEWLETT_69_KV_BK3 55828	49.96 2.29 0.00	45.74 2.05 0.00	44.35 1.87 0.00	42.32 1.63 0.00	41.80 1.88 0.00	45.76 2.14 0.00	52.21 2.10 0.00	56.93 2.14 0.06	59.68 3.00 0.00	59.78 3.06 0.00	59.45 3.10 0.00	59.37 3.10 0.00	55.51 2.94 0.00	53.31 2.49 0.00	52.36 2.82 0.00	52.14 2.62 0.00	52.48 2.74 0.00	55.71 2.90 0.00	56.56 2.74 0.00	59.96 3.18 0.00	61.36 3.58 0.03	55.18 2.33 0.01	52.78 2.13 0.01	48.53 2.27 0.00
HICKLING___1 23621	47.38 -0.29 0.00	43.43 -0.26 0.00	42.22 -0.25 0.00	40.53 -0.16 0.00	39.44 -0.48 0.00	43.27 -0.35 0.00	49.86 -0.25 0.00	54.69 -0.16 0.00	56.45 -0.23 0.00	56.10 -0.62 0.00	55.96 -0.39 0.00	55.72 -0.56 0.00	51.99 -0.58 0.00	50.42 -0.41 0.00	48.85 -0.69 0.00	49.08 -0.45 0.00	49.40 -0.35 0.00	52.33 -0.48 0.00	53.55 -0.27 0.00	57.01 0.23 0.00	58.04 0.23 0.00	52.70 -0.16 0.00	50.71 0.05 0.00	46.31 0.05 0.00
HICKLING___2 23622	47.38 -0.29 0.00	43.43 -0.26 0.00	42.22 -0.25 0.00	40.53 -0.16 0.00	39.44 -0.48 0.00	43.27 -0.35 0.00	49.86 -0.25 0.00	54.69 -0.16 0.00	56.45 -0.23 0.00	56.10 -0.62 0.00	55.96 -0.39 0.00	55.72 -0.56 0.00	51.99 -0.58 0.00	50.42 -0.41 0.00	48.85 -0.69 0.00	49.08 -0.45 0.00	49.40 -0.35 0.00	52.33 -0.48 0.00	53.55 -0.27 0.00	57.01 0.23 0.00	58.04 0.23 0.00	52.70 -0.16 0.00	50.71 0.05 0.00	46.31 0.05 0.00
HIGH FALLS___HY 23754	49.76 2.10 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.60 1.68 0.00	45.41 1.79 0.00	52.21 2.10 0.00	57.26 2.41 0.00	59.62 2.95 0.00	59.62 2.89 0.00	59.45 3.10 0.00	59.27 2.98 0.00	55.36 2.79 0.00	53.31 2.49 0.00	52.12 2.58 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.66 2.85 0.00	56.56 2.74 0.00	60.14 3.35 0.00	61.10 3.29 0.00	55.40 2.54 0.00	52.99 2.33 0.00	48.44 2.17 0.00
HIGH_RIVER___SOLAR 323847	49.52 1.86 0.00	45.39 1.70 0.00	44.13 1.65 0.00	42.24 1.55 0.00	41.44 1.52 0.00	45.28 1.66 0.00	52.16 2.06 0.00	57.05 2.20 0.00	59.00 2.32 0.00	58.93 2.21 0.00	58.50 2.14 0.00	58.14 1.85 0.00	54.04 1.47 0.00	52.30 1.47 0.00	51.08 1.54 0.00	51.11 1.58 0.00	51.48 1.74 0.00	54.76 1.96 0.00	56.02 2.21 0.00	59.63 2.84 0.00	60.64 2.83 0.00	55.08 2.22 0.00	52.78 2.13 0.00	48.16 1.90 0.00

HILLBURN___GT 23639	49.52 1.86 0.00	45.35 1.66 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.40 1.48 0.00	45.24 1.61 0.00	52.11 2.01 0.00	57.15 2.30 0.00	59.40 2.72 0.00	59.56 2.84 0.00	59.28 2.93 0.00	59.15 2.87 0.00	55.10 2.52 0.00	53.16 2.34 0.00	51.97 2.43 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.34 2.53 0.00	56.30 2.48 0.00	59.80 3.01 0.00	60.81 3.00 -0.01	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
HILLSIDE_115KV_TB1 80332	46.86 -0.81 0.00	42.95 -0.74 0.00	41.75 -0.72 0.00	40.08 -0.61 0.00	39.00 -0.92 0.00	42.75 -0.87 0.00	49.30 -0.80 0.00	54.08 -0.77 0.00	55.77 -0.91 0.00	55.48 -1.25 0.00	55.34 -1.01 0.00	55.10 -1.18 0.00	51.41 -1.16 0.00	49.86 -0.97 0.00	48.36 -1.19 0.00	48.58 -0.94 0.00	48.90 -0.85 0.00	51.80 -1.00 0.00	52.96 -0.86 0.00	56.33 -0.45 0.00	57.34 -0.46 0.00	52.07 -0.79 0.00	50.05 -0.61 0.00	45.80 -0.46 0.00
HISHELDN_WT_PWR 323625	46.19 -1.48 0.00	41.90 -1.79 0.00	40.82 -1.66 0.00	39.31 -1.38 0.00	38.28 -1.64 0.00	41.79 -1.83 0.00	48.00 -2.10 0.00	52.49 -2.36 0.00	54.30 -2.38 0.00	54.63 -2.10 0.00	53.88 -2.48 0.00	54.03 -2.25 0.00	50.26 -2.31 0.00	48.64 -2.18 0.00	46.87 -2.68 0.00	47.35 -2.18 0.00	47.66 -2.09 0.00	50.59 -2.22 0.00	51.72 -2.10 0.00	55.09 -1.70 0.00	56.07 -1.73 0.00	50.96 -1.90 0.00	49.14 -1.52 0.00	44.97 -1.30 0.00
HOLTSVILLE_IC_1 23690	48.81 1.14 0.00	44.74 1.05 0.00	43.33 0.85 0.00	41.26 0.57 0.00	40.60 0.68 0.00	44.49 0.87 0.00	51.41 1.30 0.00	55.38 1.04 0.52	58.49 1.81 0.00	58.65 1.93 0.00	57.81 1.46 0.00	57.80 1.52 0.00	53.72 1.16 0.00	51.83 1.02 0.00	50.83 1.29 0.00	50.80 1.29 0.00	51.13 1.39 0.00	54.34 1.53 0.00	55.37 1.56 0.00	58.60 1.82 0.00	59.61 2.08 0.27	53.80 0.95 0.01	51.81 1.17 0.01	47.74 1.48 0.00
HOLTSVILLE_IC_10 23699	49.00 1.33 0.00	44.87 1.18 0.00	43.45 0.98 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.63 1.00 0.00	51.61 1.50 0.00	55.65 1.31 0.51	58.77 2.10 0.00	58.93 2.21 0.00	58.04 1.69 0.00	58.08 1.80 0.00	53.99 1.42 0.00	52.04 1.22 0.00	51.02 1.48 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.65 1.85 0.00	55.64 1.83 0.00	58.94 2.16 0.00	59.90 2.37 0.27	54.07 1.22 0.01	52.06 1.42 0.01	47.98 1.71 0.00
HOLTSVILLE_IC_2 23691	48.81 1.14 0.00	44.74 1.05 0.00	43.33 0.85 0.00	41.26 0.57 0.00	40.60 0.68 0.00	44.49 0.87 0.00	51.41 1.30 0.00	55.38 1.04 0.52	58.49 1.81 0.00	58.65 1.93 0.00	57.81 1.46 0.00	57.80 1.52 0.00	53.72 1.16 0.00	51.83 1.02 0.00	50.83 1.29 0.00	50.80 1.29 0.00	51.13 1.39 0.00	54.34 1.53 0.00	55.37 1.56 0.00	58.60 1.82 0.00	59.61 2.08 0.27	53.80 0.95 0.01	51.81 1.17 0.01	47.74 1.48 0.00
HOLTSVILLE_IC_3 23692	48.81 1.14 0.00	44.74 1.05 0.00	43.33 0.85 0.00	41.26 0.57 0.00	40.60 0.68 0.00	44.49 0.87 0.00	51.41 1.30 0.00	55.38 1.04 0.52	58.49 1.81 0.00	58.65 1.93 0.00	57.81 1.46 0.00	57.80 1.52 0.00	53.72 1.16 0.00	51.83 1.02 0.00	50.83 1.29 0.00	50.80 1.29 0.00	51.13 1.39 0.00	54.34 1.53 0.00	55.37 1.56 0.00	58.60 1.82 0.00	59.61 2.08 0.27	53.80 0.95 0.01	51.81 1.17 0.01	47.74 1.48 0.00
HOLTSVILLE_IC_4 23693	48.81 1.14 0.00	44.74 1.05 0.00	43.33 0.85 0.00	41.26 0.57 0.00	40.60 0.68 0.00	44.49 0.87 0.00	51.41 1.30 0.00	55.38 1.04 0.52	58.49 1.81 0.00	58.65 1.93 0.00	57.81 1.46 0.00	57.80 1.52 0.00	53.72 1.16 0.00	51.83 1.02 0.00	50.83 1.29 0.00	50.80 1.29 0.00	51.13 1.39 0.00	54.34 1.53 0.00	55.37 1.56 0.00	58.60 1.82 0.00	59.61 2.08 0.27	53.80 0.95 0.01	51.81 1.17 0.01	47.74 1.48 0.00
HOLTSVILLE_IC_5 23694	48.81 1.14 0.00	44.74 1.05 0.00	43.33 0.85 0.00	41.26 0.57 0.00	40.60 0.68 0.00	44.49 0.87 0.00	51.41 1.30 0.00	55.38 1.04 0.52	58.49 1.81 0.00	58.65 1.93 0.00	57.81 1.46 0.00	57.80 1.52 0.00	53.72 1.16 0.00	51.83 1.02 0.00	50.83 1.29 0.00	50.80 1.29 0.00	51.13 1.39 0.00	54.34 1.53 0.00	55.37 1.56 0.00	58.60 1.82 0.00	59.61 2.08 0.27	53.80 0.95 0.01	51.81 1.17 0.01	47.74 1.48 0.00
HOLTSVILLE_IC_6 23695	49.00 1.33 0.00	44.87 1.18 0.00	43.45 0.98 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.63 1.00 0.00	51.61 1.50 0.00	55.65 1.31 0.51	58.77 2.10 0.00	58.93 2.21 0.00	58.04 1.69 0.00	58.08 1.80 0.00	53.99 1.42 0.00	52.04 1.22 0.00	51.02 1.48 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.65 1.85 0.00	55.64 1.83 0.00	58.94 2.16 0.00	59.90 2.37 0.27	54.07 1.22 0.01	52.06 1.42 0.01	47.98 1.71 0.00
HOLTSVILLE_IC_7 23696	49.00 1.33 0.00	44.87 1.18 0.00	43.45 0.98 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.63 1.00 0.00	51.61 1.50 0.00	55.65 1.31 0.51	58.77 2.10 0.00	58.93 2.21 0.00	58.04 1.69 0.00	58.08 1.80 0.00	53.99 1.42 0.00	52.04 1.22 0.00	51.02 1.48 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.65 1.85 0.00	55.64 1.83 0.00	58.94 2.16 0.00	59.90 2.37 0.27	54.07 1.22 0.01	52.06 1.42 0.01	47.98 1.71 0.00
HOLTSVILLE_IC_8 23697	49.00 1.33 0.00	44.87 1.18 0.00	43.45 0.98 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.63 1.00 0.00	51.61 1.50 0.00	55.65 1.31 0.51	58.77 2.10 0.00	58.93 2.21 0.00	58.04 1.69 0.00	58.08 1.80 0.00	53.99 1.42 0.00	52.04 1.22 0.00	51.02 1.48 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.65 1.85 0.00	55.64 1.83 0.00	58.94 2.16 0.00	59.90 2.37 0.27	54.07 1.22 0.01	52.06 1.42 0.01	47.98 1.71 0.00
HOLTSVILLE_IC_9 23698	49.00 1.33 0.00	44.87 1.18 0.00	43.45 0.98 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.63 1.00 0.00	51.61 1.50 0.00	55.65 1.31 0.51	58.77 2.10 0.00	58.93 2.21 0.00	58.04 1.69 0.00	58.08 1.80 0.00	53.99 1.42 0.00	52.04 1.22 0.00	51.02 1.48 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.65 1.85 0.00	55.64 1.83 0.00	58.94 2.16 0.00	59.90 2.37 0.27	54.07 1.22 0.01	52.06 1.42 0.01	47.98 1.71 0.00
HOMER_HL_115KV_TB2 355744	45.90 -1.76 0.00	42.12 -1.57 0.00	40.95 -1.53 0.00	39.39 -1.30 0.00	38.09 -1.84 0.00	41.88 -1.74 0.00	48.30 -1.80 0.00	53.15 -1.70 0.00	54.64 -2.04 0.00	54.00 -2.72 0.00	54.27 -2.09 0.00	53.92 -2.36 0.00	50.31 -2.26 0.00	48.89 -1.93 0.00	47.17 -2.38 0.00	47.64 -1.88 0.00	47.95 -1.79 0.00	50.85 -1.95 0.00	52.04 -1.78 0.00	55.54 -1.25 0.00	56.42 -1.39 0.00	51.22 -1.64 0.00	49.34 -1.32 0.00	45.11 -1.16 0.00
HOWARD_WT_PWR 323690	47.71 0.05 0.00	43.34 -0.35 0.00	42.27 -0.21 0.00	40.61 -0.08 0.00	39.64 -0.28 0.00	43.40 -0.22 0.00	49.91 -0.20 0.00	54.74 -0.11 0.00	56.34 -0.34 0.00	56.72 0.00 0.00	55.79 -0.56 0.00	55.78 -0.51 0.00	51.78 -0.79 0.00	50.11 -0.71 0.00	48.50 -1.04 0.00	48.88 -0.65 0.00	49.25 -0.50 0.00	52.38 -0.42 0.00	53.55 -0.27 0.00	57.13 0.34 0.00	58.26 0.46 0.00	52.91 0.05 0.00	50.91 0.25 0.00	46.45 0.19 0.00

HQ_GEN_CEDARS 23644	47.48 -0.19 0.00	44.04 0.35 0.00	42.82 0.34 0.00	41.02 0.33 0.00	40.24 0.32 0.00	43.97 0.35 0.00	49.86 -0.25 0.00	54.41 -0.44 0.00	55.94 -0.74 0.00	56.10 -0.62 0.00	55.57 -0.79 0.00	55.66 -0.62 0.00	52.20 -0.37 0.00	50.47 -0.36 0.00	49.10 -0.45 0.00	49.08 -0.45 0.00	49.20 -0.55 0.00	52.17 -0.63 0.00	53.17 -0.65 0.00	55.71 -1.08 0.00	56.82 -0.98 0.00	52.60 -0.26 0.00	50.45 -0.20 0.00	46.03 -0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	47.48 -0.19 0.00	44.04 0.35 0.00	42.81 0.34 0.00	41.02 0.32 0.00	40.24 0.32 0.00	43.97 0.35 0.00	49.86 -0.25 0.00	55.22 -0.44 -0.81	55.51 -0.68 0.49	55.44 -0.96 0.32	55.57 -0.79 0.00	55.44 -0.84 0.00	52.21 -0.37 0.00	50.47 -0.35 0.00	49.10 -0.45 0.00	49.08 -0.45 0.00	49.20 -0.55 0.00	52.18 -0.63 0.00	53.17 -0.64 0.00	55.71 -1.08 0.00	56.82 -0.98 0.00	52.60 -0.26 0.00	50.45 -0.20 0.00	46.03 -0.23 0.00
HQ_GEN_IMPORT 323601	47.43 -0.24 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.61 -0.08 0.00	39.84 -0.08 0.00	43.53 -0.09 0.00	49.86 -0.25 0.00	55.34 -0.33 -0.81	55.62 -0.57 0.49	55.61 -0.79 0.32	55.62 -0.73 0.00	55.61 -0.67 0.00	52.21 -0.37 0.00	50.52 -0.30 0.00	49.20 -0.34 0.00	49.18 -0.34 0.00	49.34 -0.40 0.00	52.38 -0.42 0.00	53.38 -0.43 0.00	55.94 -0.85 0.00	56.99 -0.81 0.00	52.60 -0.26 0.00	50.40 -0.25 0.00	46.03 -0.23 0.00
HQ_GEN_WHEEL 23651	47.43 -0.24 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.61 -0.08 0.00	39.84 -0.08 0.00	43.53 -0.09 0.00	49.86 -0.25 0.00	55.34 -0.33 -0.81	55.62 -0.57 0.49	55.61 -0.79 0.32	55.62 -0.73 0.00	55.61 -0.67 0.00	52.21 -0.37 0.00	50.52 -0.30 0.00	49.20 -0.34 0.00	49.18 -0.34 0.00	49.34 -0.40 0.00	52.38 -0.42 0.00	53.38 -0.43 0.00	55.94 -0.85 0.00	56.99 -0.81 0.00	52.60 -0.26 0.00	50.40 -0.25 0.00	46.03 -0.23 0.00
HUDSON_AVE_GT_3 23810	50.43 2.76 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.81 2.12 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.96 2.86 0.00	57.92 3.07 0.00	60.42 3.74 0.00	60.47 3.74 0.00	60.25 3.89 0.00	60.06 3.77 0.00	56.10 3.52 0.00	54.08 3.25 0.00	52.97 3.42 0.00	52.80 3.27 0.00	53.13 3.38 0.00	56.30 3.49 0.00	57.27 3.44 0.00	60.77 3.98 0.00	61.99 4.16 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
HUDSON_AVE_GT_4 23540	50.43 2.76 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.81 2.12 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.96 2.86 0.00	57.92 3.07 0.00	60.42 3.74 0.00	60.47 3.74 0.00	60.25 3.89 0.00	60.06 3.77 0.00	56.10 3.52 0.00	54.08 3.25 0.00	52.97 3.42 0.00	52.80 3.27 0.00	53.13 3.38 0.00	56.30 3.49 0.00	57.27 3.44 0.00	60.77 3.98 0.00	61.99 4.16 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
HUDSON_AVE_GT_5 23657	50.43 2.76 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.81 2.12 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.96 2.86 0.00	57.92 3.07 0.00	60.42 3.74 0.00	60.47 3.74 0.00	60.25 3.89 0.00	60.06 3.77 0.00	56.10 3.52 0.00	54.08 3.25 0.00	52.97 3.42 0.00	52.80 3.27 0.00	53.13 3.38 0.00	56.30 3.49 0.00	57.27 3.44 0.00	60.77 3.98 0.00	61.99 4.16 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
HUDSON_AVE_10 24168	50.29 2.62 0.00	45.96 2.27 0.00	44.64 2.17 0.00	42.69 1.99 0.00	42.04 2.12 0.00	45.89 2.27 0.00	52.81 2.71 0.00	57.81 2.96 0.00	60.25 3.57 0.00	60.36 3.63 0.00	60.13 3.78 0.00	59.95 3.66 0.00	55.99 3.42 0.00	53.98 3.15 0.00	52.87 3.32 0.00	52.70 3.17 0.00	53.03 3.28 0.00	56.25 3.43 0.00	57.21 3.39 0.00	60.71 3.92 0.00	61.93 4.10 -0.03	55.93 3.07 0.00	53.49 2.84 0.00	48.85 2.59 0.00
HUDSON___115KV_TB 4 355613	48.91 1.24 0.00	44.83 1.14 0.00	43.62 1.15 0.00	41.79 1.10 0.00	41.04 1.12 0.00	44.76 1.13 0.00	51.51 1.40 0.00	56.39 1.54 0.00	58.43 1.76 0.00	58.37 1.65 0.00	58.10 1.75 0.00	57.75 1.46 0.00	53.73 1.16 0.00	51.99 1.17 0.00	50.73 1.19 0.00	50.76 1.24 0.00	51.19 1.44 0.00	54.55 1.74 0.00	55.54 1.72 0.00	58.95 2.16 0.00	59.88 2.08 0.00	54.34 1.48 0.00	52.07 1.42 0.00	47.56 1.30 0.00
HUNTER MOUNT___DRP 323613	49.00 1.33 0.00	44.87 1.18 0.00	43.71 1.23 0.00	41.83 1.14 0.00	41.12 1.20 0.00	44.80 1.18 0.00	51.56 1.45 0.00	56.44 1.59 0.00	58.55 1.87 0.00	58.48 1.76 0.00	58.27 1.92 0.00	57.80 1.52 0.00	53.78 1.21 0.00	52.04 1.22 0.00	50.78 1.24 0.00	50.81 1.29 0.00	51.24 1.49 0.00	54.66 1.85 0.00	55.65 1.83 0.00	59.12 2.33 0.00	60.00 2.20 0.00	54.45 1.59 0.00	52.13 1.47 0.00	47.65 1.39 0.00
HUNTINGTON_RES_REC 323705	49.15 1.48 0.00	45.04 1.36 0.00	43.66 1.19 0.00	41.59 0.89 0.00	40.92 1.00 0.00	44.84 1.22 0.00	51.41 1.30 0.00	55.38 1.04 0.51	58.54 1.87 0.00	58.76 2.04 0.00	58.10 1.75 0.00	58.08 1.80 0.00	54.04 1.47 0.00	52.14 1.32 0.00	51.12 1.59 0.00	51.10 1.58 0.00	51.43 1.69 0.00	54.60 1.80 0.00	55.53 1.72 0.00	58.82 2.04 0.00	59.85 2.31 0.27	54.07 1.22 0.01	51.81 1.17 0.01	47.79 1.52 0.00
HUNTLEY___63 23557	45.09 -2.57 0.00	41.46 -2.23 0.00	40.31 -2.17 0.00	38.82 -1.87 0.00	37.33 -2.59 0.00	41.09 -2.53 0.00	47.20 -2.91 0.00	51.61 -3.24 0.00	53.50 -3.17 0.00	52.70 -4.03 0.00	53.25 -3.10 0.00	52.91 -3.38 0.00	49.42 -3.15 0.00	48.08 -2.74 0.00	46.27 -3.27 0.00	46.90 -2.62 0.00	47.11 -2.64 0.00	49.96 -2.85 0.00	51.13 -2.69 0.00	54.40 -2.39 0.00	55.32 -2.49 0.00	50.27 -2.59 0.00	48.53 -2.13 0.00	44.51 -1.76 0.00
HUNTLEY___64 23558	45.09 -2.57 0.00	41.46 -2.23 0.00	40.31 -2.17 0.00	38.82 -1.87 0.00	37.33 -2.59 0.00	41.09 -2.53 0.00	47.20 -2.91 0.00	51.61 -3.24 0.00	53.50 -3.17 0.00	52.70 -4.03 0.00	53.25 -3.10 0.00	52.91 -3.38 0.00	49.42 -3.15 0.00	48.08 -2.74 0.00	46.27 -3.27 0.00	46.90 -2.62 0.00	47.11 -2.64 0.00	49.96 -2.85 0.00	51.13 -2.69 0.00	54.40 -2.39 0.00	55.32 -2.49 0.00	50.27 -2.59 0.00	48.53 -2.13 0.00	44.51 -1.76 0.00
HUNTLEY___65 23559	45.09 -2.57 0.00	41.46 -2.23 0.00	40.31 -2.17 0.00	38.82 -1.87 0.00	37.33 -2.59 0.00	41.09 -2.53 0.00	47.20 -2.91 0.00	51.61 -3.24 0.00	53.50 -3.17 0.00	52.70 -4.03 0.00	53.25 -3.10 0.00	52.91 -3.38 0.00	49.42 -3.15 0.00	48.08 -2.74 0.00	46.27 -3.27 0.00	46.90 -2.62 0.00	47.11 -2.64 0.00	49.96 -2.85 0.00	51.13 -2.69 0.00	54.40 -2.39 0.00	55.32 -2.49 0.00	50.27 -2.59 0.00	48.53 -2.13 0.00	44.51 -1.76 0.00
HUNTLEY___66 23560	45.09 -2.57 0.00	41.46 -2.23 0.00	40.31 -2.17 0.00	38.82 -1.87 0.00	37.33 -2.59 0.00	41.09 -2.53 0.00	47.20 -2.91 0.00	51.61 -3.24 0.00	53.50 -3.17 0.00	52.70 -4.03 0.00	53.25 -3.10 0.00	52.91 -3.38 0.00	49.42 -3.15 0.00	48.08 -2.74 0.00	46.27 -3.27 0.00	46.90 -2.62 0.00	47.11 -2.64 0.00	49.96 -2.85 0.00	51.13 -2.69 0.00	54.40 -2.39 0.00	55.32 -2.49 0.00	50.27 -2.59 0.00	48.53 -2.13 0.00	44.51 -1.76 0.00

HUNTLEY___67 23561	44.95 -2.72 0.00	41.33 -2.36 0.00	40.23 -2.25 0.00	38.74 -1.95 0.00	37.25 -2.67 0.00	40.96 -2.66 0.00	47.10 -3.01 0.00	51.51 -3.35 0.00	53.39 -3.29 0.00	52.58 -4.14 0.00	53.09 -3.27 0.00	52.74 -3.55 0.00	49.31 -3.26 0.00	47.93 -2.90 0.00	46.23 -3.32 0.00	46.80 -2.72 0.00	47.01 -2.74 0.00	49.85 -2.96 0.00	50.96 -2.85 0.00	54.29 -2.50 0.00	55.15 -2.66 0.00	50.16 -2.70 0.00	48.43 -2.23 0.00	44.37 -1.90 0.00
HUNTLEY___68 23562	44.95 -2.72 0.00	41.33 -2.36 0.00	40.23 -2.25 0.00	38.74 -1.95 0.00	37.25 -2.67 0.00	40.96 -2.66 0.00	47.10 -3.01 0.00	51.51 -3.35 0.00	53.39 -3.29 0.00	52.58 -4.14 0.00	53.09 -3.27 0.00	52.74 -3.55 0.00	49.31 -3.26 0.00	47.93 -2.90 0.00	46.23 -3.32 0.00	46.80 -2.72 0.00	47.01 -2.74 0.00	49.85 -2.96 0.00	50.96 -2.85 0.00	54.29 -2.50 0.00	55.15 -2.66 0.00	50.16 -2.70 0.00	48.43 -2.23 0.00	44.37 -1.90 0.00
HYLAND___LFGE 323620	48.76 1.10 0.00	44.22 0.53 0.00	43.07 0.59 0.00	41.46 0.77 0.00	40.44 0.52 0.00	44.19 0.57 0.00	50.61 0.50 0.00	55.46 0.60 0.00	57.02 0.34 0.00	57.07 0.34 0.00	55.79 -0.56 0.00	55.78 -0.51 0.00	51.68 -0.89 0.00	49.96 -0.86 0.00	48.31 -1.24 0.00	48.68 -0.84 0.00	49.10 -0.65 0.00	52.65 -0.16 0.00	54.36 0.54 0.00	58.21 1.42 0.00	59.71 1.90 0.00	53.97 1.11 0.00	52.13 1.47 0.00	47.37 1.11 0.00
INDECK___CORINTH 23802	50.14 2.48 0.00	46.00 2.31 0.00	44.77 2.29 0.00	42.77 2.07 0.00	42.00 2.07 0.00	45.80 2.18 0.00	52.76 2.65 0.00	57.76 2.91 0.00	59.85 3.17 0.00	60.13 3.40 0.00	59.91 3.55 0.00	59.60 3.32 0.00	55.15 2.58 0.00	53.51 2.69 0.00	52.17 2.62 0.00	52.20 2.67 0.00	52.63 2.88 0.00	55.82 3.01 0.00	56.99 3.17 0.00	60.53 3.75 0.00	61.51 3.70 0.00	55.66 2.80 0.00	53.29 2.63 0.00	48.58 2.31 0.00
INDECK___ILION 23567	47.05 -0.62 0.00	43.16 -0.52 0.00	41.97 -0.51 0.00	40.12 -0.57 0.00	39.48 -0.44 0.00	43.23 -0.39 0.00	49.86 -0.25 0.00	54.69 -0.16 0.00	56.79 0.11 0.00	57.12 0.40 0.00	56.86 0.51 0.00	56.56 0.28 0.00	52.78 0.21 0.00	51.03 0.20 0.00	49.79 0.25 0.00	49.77 0.25 0.00	49.89 0.15 0.00	52.91 0.11 0.00	54.03 0.22 0.00	57.24 0.45 0.00	58.15 0.35 0.00	52.97 0.11 0.00	50.81 0.15 0.00	46.40 0.14 0.00
INDECK___OLEAN 23982	46.28 -1.38 0.00	42.07 -1.62 0.00	40.95 -1.53 0.00	39.39 -1.30 0.00	38.36 -1.56 0.00	42.01 -1.61 0.00	48.30 -1.80 0.00	53.21 -1.64 0.00	54.64 -2.04 0.00	54.91 -1.82 0.00	54.27 -2.08 0.00	54.37 -1.91 0.00	50.57 -2.00 0.00	48.94 -1.88 0.00	47.17 -2.38 0.00	47.64 -1.88 0.00	47.96 -1.79 0.00	50.91 -1.90 0.00	52.04 -1.77 0.00	55.48 -1.30 0.00	56.42 -1.39 0.00	51.22 -1.64 0.00	49.29 -1.37 0.00	45.11 -1.15 0.00
INDECK___OSWEGO 23783	46.86 -0.81 0.00	42.86 -0.83 0.00	41.67 -0.81 0.00	39.96 -0.73 0.00	39.16 -0.76 0.00	42.79 -0.83 0.00	49.15 -0.95 0.00	53.87 -0.99 0.00	55.71 -0.96 0.00	55.93 -0.79 0.00	55.45 -0.90 0.00	55.44 -0.84 0.00	51.63 -0.94 0.00	49.91 -0.91 0.00	48.55 -0.99 0.00	48.58 -0.94 0.00	48.80 -0.95 0.00	51.80 -1.00 0.00	52.85 -0.97 0.00	55.94 -0.85 0.00	56.94 -0.87 0.00	51.91 -0.95 0.00	49.75 -0.91 0.00	45.38 -0.88 0.00
INDECK___YERKES 23781	45.67 -2.00 0.00	41.42 -2.27 0.00	40.31 -2.16 0.00	38.86 -1.83 0.00	37.80 -2.12 0.00	41.22 -2.40 0.00	47.25 -2.85 0.00	51.67 -3.18 0.00	53.50 -3.17 0.00	53.95 -2.78 0.00	53.31 -3.04 0.00	53.53 -2.76 0.00	49.84 -2.74 0.00	48.18 -2.64 0.00	46.32 -3.22 0.00	46.90 -2.63 0.00	47.16 -2.59 0.00	50.06 -2.75 0.00	51.18 -2.64 0.00	54.40 -2.38 0.00	55.32 -2.48 0.00	50.32 -2.54 0.00	48.58 -2.08 0.00	44.51 -1.76 0.00
INDIAN POINT_GT_1 24139	49.62 1.95 0.00	45.39 1.70 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.52 1.60 0.00	45.28 1.66 0.00	52.16 2.05 0.00	57.15 2.30 0.00	59.46 2.78 0.00	59.45 2.72 0.00	59.29 2.93 0.00	59.04 2.76 0.00	55.15 2.58 0.00	53.16 2.34 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.40 2.59 0.00	56.29 2.48 0.00	59.74 2.95 0.00	60.82 3.01 -0.01	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
INDIAN POINT_GT_2 23659	49.62 1.95 0.00	45.39 1.70 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.52 1.60 0.00	45.28 1.66 0.00	52.16 2.05 0.00	57.15 2.30 0.00	59.46 2.78 0.00	59.45 2.72 0.00	59.29 2.93 0.00	59.04 2.76 0.00	55.15 2.58 0.00	53.16 2.34 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.40 2.59 0.00	56.29 2.48 0.00	59.74 2.95 0.00	60.82 3.01 -0.01	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
INDIAN POINT_GT_3 24019	49.62 1.95 0.00	45.39 1.70 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.52 1.60 0.00	45.28 1.66 0.00	52.16 2.05 0.00	57.15 2.30 0.00	59.46 2.78 0.00	59.45 2.72 0.00	59.29 2.93 0.00	59.04 2.76 0.00	55.15 2.58 0.00	53.16 2.34 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.40 2.59 0.00	56.29 2.48 0.00	59.74 2.95 0.00	60.82 3.01 -0.01	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
INDIAN POINT___2 23530	49.38 1.71 0.00	45.26 1.57 0.00	44.00 1.53 0.00	42.08 1.38 0.00	41.28 1.36 0.00	45.15 1.53 0.00	51.96 1.86 0.00	56.99 2.14 0.00	59.23 2.55 0.00	59.39 2.67 0.00	59.06 2.70 0.00	58.93 2.65 0.00	54.88 2.31 0.00	53.01 2.18 0.00	51.83 2.28 0.00	51.70 2.18 0.00	52.03 2.29 0.00	55.13 2.32 0.00	56.13 2.31 0.00	59.57 2.78 0.00	60.64 2.83 -0.01	54.98 2.12 0.00	52.63 1.97 0.00	48.07 1.80 0.00
INDIAN POINT___3 23531	49.67 2.00 0.00	45.44 1.75 0.00	44.13 1.66 0.00	42.20 1.51 0.00	41.56 1.64 0.00	45.32 1.70 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.51 2.83 0.00	59.56 2.84 0.00	59.34 2.99 0.00	59.10 2.81 0.00	55.20 2.63 0.00	53.21 2.39 0.00	52.07 2.53 0.00	51.95 2.43 0.00	52.23 2.49 0.00	55.45 2.64 0.00	56.40 2.58 0.00	59.86 3.07 0.00	60.94 3.12 -0.01	55.19 2.33 0.00	52.83 2.18 0.00	48.25 1.99 0.00
INGHAM_C_115KV_TB7 356103	46.86 -0.81 0.00	42.95 -0.74 0.00	41.75 -0.72 0.00	39.96 -0.73 0.00	39.28 -0.64 0.00	43.05 -0.57 0.00	49.61 -0.50 0.00	54.41 -0.44 0.00	56.45 -0.23 0.00	56.84 0.11 0.00	56.52 0.17 0.00	56.23 -0.06 0.00	52.47 -0.11 0.00	50.72 -0.10 0.00	49.54 0.00 0.00	49.47 -0.05 0.00	49.64 -0.10 0.00	52.65 -0.16 0.00	53.71 -0.11 0.00	56.96 0.17 0.00	57.80 0.00 0.00	52.70 -0.16 0.00	50.55 -0.10 0.00	46.22 -0.05 0.00
IP CORINTH___1 23988	50.24 2.57 0.00	46.00 2.32 0.00	44.77 2.29 0.00	42.77 2.08 0.00	42.04 2.12 0.00	45.80 2.18 0.00	52.76 2.66 0.00	57.76 2.91 0.00	59.91 3.23 0.00	60.01 3.29 0.00	59.90 3.55 0.00	59.49 3.21 0.00	55.15 2.58 0.00	53.52 2.69 0.00	52.17 2.63 0.00	52.20 2.67 0.00	52.63 2.89 0.00	55.82 3.01 0.00	56.99 3.18 0.00	60.54 3.75 0.00	61.50 3.70 0.00	55.66 2.80 0.00	53.29 2.63 0.00	48.58 2.31 0.00

IP__TICONDEROGA 23804	51.58 3.91 0.00	47.32 3.63 0.00	46.04 3.57 0.00	43.99 3.30 0.00	43.20 3.27 0.00	47.16 3.53 0.00	54.37 4.26 0.00	59.40 4.55 0.00	61.55 4.87 0.00	61.66 4.94 0.00	61.65 5.30 0.00	61.07 4.78 0.00	56.41 3.84 0.00	54.79 3.96 0.00	53.41 3.86 0.00	53.49 3.96 0.00	54.07 4.33 0.00	57.46 4.65 0.00	58.71 4.90 0.00	62.58 5.79 0.00	63.64 5.84 0.00	57.25 4.39 0.00	54.86 4.20 0.00	49.92 3.65 0.00
ISLIP_RES_REC 323679	49.15 1.48 0.00	45.00 1.31 0.00	43.58 1.10 0.00	41.51 0.81 0.00	40.84 0.92 0.00	44.80 1.18 0.00	51.81 1.70 0.00	55.88 1.53 0.51	59.00 2.32 0.00	59.16 2.44 0.00	58.32 1.97 0.00	58.36 2.08 0.00	54.20 1.63 0.00	52.24 1.42 0.00	51.23 1.69 0.00	51.25 1.73 0.00	51.58 1.84 0.00	54.86 2.06 0.00	55.91 2.10 0.00	59.22 2.44 0.00	60.20 2.66 0.27	54.28 1.43 0.01	52.27 1.62 0.01	48.12 1.85 0.00
JAMAICA__27_KV_LOAD 355505	50.29 2.62 0.00	46.00 2.32 0.00	44.64 2.17 0.00	42.65 1.95 0.00	42.04 2.12 0.00	45.89 2.27 0.00	52.81 2.71 0.00	57.76 2.91 0.00	60.31 3.63 0.00	60.36 3.63 0.00	60.25 3.89 0.00	60.00 3.71 0.00	56.05 3.47 0.00	54.03 3.20 0.00	52.87 3.32 0.00	52.75 3.22 0.00	53.13 3.38 0.00	56.40 3.59 0.00	57.37 3.55 0.00	60.88 4.09 0.00	62.17 4.34 -0.03	56.03 3.17 0.00	53.49 2.84 0.00	48.85 2.59 0.00
JANIS__SOLAR 323808	49.72 2.05 0.00	45.44 1.75 0.00	44.22 1.74 0.00	42.36 1.67 0.00	41.52 1.60 0.00	45.50 1.87 0.00	52.36 2.26 0.00	57.43 2.58 0.00	59.29 2.61 0.00	59.45 2.72 0.00	58.61 2.26 0.00	58.42 2.14 0.00	54.30 1.73 0.00	52.50 1.67 0.00	51.13 1.59 0.00	51.26 1.73 0.00	51.59 1.84 0.00	54.87 2.06 0.00	56.35 2.53 0.00	59.97 3.18 0.00	61.04 3.24 0.00	55.40 2.54 0.00	53.04 2.38 0.00	48.30 2.03 0.00
JARVIS____ 23743	47.86 0.19 0.00	43.82 0.13 0.00	42.65 0.17 0.00	40.82 0.12 0.00	40.08 0.16 0.00	43.80 0.18 0.00	50.36 0.25 0.00	55.13 0.28 0.00	57.02 0.34 0.00	57.12 0.40 0.00	56.75 0.40 0.00	56.62 0.34 0.00	52.84 0.26 0.00	51.08 0.26 0.00	49.84 0.30 0.00	49.77 0.25 0.00	49.99 0.25 0.00	53.07 0.27 0.00	54.14 0.32 0.00	57.24 0.45 0.00	58.21 0.41 0.00	53.13 0.27 0.00	50.86 0.20 0.00	46.45 0.19 0.00
JENNISON__1 23625	49.76 2.10 0.00	45.61 1.92 0.00	44.39 1.91 0.00	42.52 1.83 0.00	41.64 1.72 0.00	45.63 2.01 0.00	52.56 2.46 0.00	57.65 2.80 0.00	59.68 3.00 0.00	59.73 3.01 0.00	59.28 2.93 0.00	58.98 2.70 0.00	54.99 2.42 0.00	53.21 2.39 0.00	51.77 2.23 0.00	51.80 2.28 0.00	51.98 2.24 0.00	55.13 2.32 0.00	56.51 2.69 0.00	60.25 3.46 0.00	61.21 3.41 0.00	55.56 2.70 0.00	53.14 2.48 0.00	48.44 2.17 0.00
JENNISON__2 23626	49.76 2.10 0.00	45.61 1.92 0.00	44.39 1.91 0.00	42.52 1.83 0.00	41.64 1.72 0.00	45.63 2.01 0.00	52.56 2.46 0.00	57.65 2.80 0.00	59.68 3.00 0.00	59.73 3.01 0.00	59.28 2.93 0.00	58.98 2.70 0.00	54.99 2.42 0.00	53.21 2.39 0.00	51.77 2.23 0.00	51.80 2.28 0.00	51.98 2.24 0.00	55.13 2.32 0.00	56.51 2.69 0.00	60.25 3.46 0.00	61.21 3.41 0.00	55.56 2.70 0.00	53.14 2.48 0.00	48.44 2.17 0.00
JERICHO_RISE_WT_PWR 323719	48.14 0.48 0.00	44.35 0.66 0.00	43.07 0.59 0.00	41.30 0.61 0.00	40.48 0.56 0.00	44.23 0.61 0.00	50.56 0.45 0.00	55.24 0.39 0.00	56.85 0.17 0.00	56.61 -0.11 0.00	56.35 0.00 0.00	56.17 -0.11 0.00	52.89 0.32 0.00	51.18 0.36 0.00	49.79 0.25 0.00	49.77 0.25 0.00	49.94 0.20 0.00	52.97 0.16 0.00	53.98 0.16 0.00	56.50 -0.28 0.00	57.69 -0.12 0.00	53.39 0.53 0.00	51.16 0.51 0.00	46.68 0.42 0.00
KATONAH__115KV_46KV_TB4 355592	49.96 2.29 0.00	45.70 2.01 0.00	44.43 1.95 0.00	42.44 1.75 0.00	41.80 1.88 0.00	45.58 1.96 0.00	52.51 2.41 0.00	57.48 2.63 0.00	59.91 3.23 0.00	59.96 3.23 0.00	59.79 3.44 0.00	59.49 3.21 0.00	55.62 3.05 0.00	53.57 2.74 0.00	52.42 2.87 0.00	52.30 2.77 0.00	52.53 2.79 0.00	55.82 3.01 0.00	56.72 2.91 0.00	60.19 3.41 0.00	61.27 3.47 0.00	55.56 2.70 0.00	53.14 2.48 0.00	48.53 2.27 0.00
KCE_NY_1 323755	49.76 2.09 0.00	45.66 1.97 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.68 1.75 0.00	45.50 1.87 0.00	52.41 2.31 0.00	57.43 2.58 0.00	59.45 2.78 0.00	59.62 2.89 0.00	59.40 3.04 0.00	59.10 2.81 0.00	54.83 2.26 0.00	53.11 2.29 0.00	51.87 2.33 0.00	51.85 2.33 0.00	52.23 2.49 0.00	55.39 2.59 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
KCE_NY_6_ESR 323823	46.10 -1.57 0.00	41.81 -1.88 0.00	40.69 -1.78 0.00	39.19 -1.50 0.00	38.17 -1.76 0.00	41.66 -1.96 0.00	47.80 -2.30 0.00	52.33 -2.52 0.00	54.07 -2.61 0.00	54.45 -2.27 0.00	53.82 -2.53 0.00	54.03 -2.25 0.00	50.31 -2.26 0.00	48.64 -2.18 0.00	46.82 -2.72 0.00	47.35 -2.18 0.00	47.61 -2.14 0.00	50.59 -2.22 0.00	51.66 -2.15 0.00	54.97 -1.82 0.00	55.95 -1.85 0.00	50.85 -2.01 0.00	49.03 -1.62 0.00	44.92 -1.34 0.00
KEDC_PORT_JEFF_GT2 24210	49.00 1.33 0.00	44.91 1.22 0.00	43.49 1.02 0.00	41.38 0.69 0.00	40.76 0.84 0.00	44.67 1.05 0.00	51.61 1.50 0.00	55.65 1.31 0.51	58.77 2.10 0.00	58.93 2.21 0.00	58.10 1.75 0.00	58.08 1.80 0.00	54.04 1.47 0.00	52.09 1.27 0.00	51.08 1.54 0.00	51.06 1.54 0.00	51.43 1.69 0.00	54.65 1.85 0.00	55.70 1.88 0.00	58.94 2.16 0.00	59.96 2.43 0.27	54.07 1.22 0.01	52.06 1.42 0.01	47.93 1.66 0.00
KEDC_PORT_JEFF_GT3 24211	49.00 1.33 0.00	44.91 1.22 0.00	43.49 1.02 0.00	41.38 0.69 0.00	40.76 0.84 0.00	44.67 1.05 0.00	51.61 1.50 0.00	55.65 1.31 0.51	58.77 2.10 0.00	58.93 2.21 0.00	58.10 1.75 0.00	58.08 1.80 0.00	54.04 1.47 0.00	52.09 1.27 0.00	51.08 1.54 0.00	51.06 1.54 0.00	51.43 1.69 0.00	54.65 1.85 0.00	55.70 1.88 0.00	58.94 2.16 0.00	59.96 2.43 0.27	54.07 1.22 0.01	52.06 1.42 0.01	47.93 1.66 0.00
KEDC_GLWD_GT4 24219	49.96 2.29 0.00	45.74 2.05 0.00	44.43 1.95 0.00	42.36 1.67 0.00	41.64 1.72 0.00	45.59 1.96 0.00	52.36 2.26 0.00	57.09 2.41 0.17	59.56 2.89 0.00	59.78 3.06 0.00	59.45 3.10 0.00	59.37 3.09 0.00	55.30 2.73 0.00	53.51 2.69 0.00	52.41 2.87 0.00	52.29 2.77 0.00	52.57 2.83 0.00	55.49 2.69 0.00	56.50 2.69 0.00	59.96 3.18 0.00	61.05 3.35 0.10	55.18 2.32 0.00	52.98 2.33 0.00	48.58 2.31 0.00
KEDC_GLWD_GT5 24220	49.96 2.29 0.00	45.74 2.05 0.00	44.43 1.95 0.00	42.36 1.67 0.00	41.64 1.72 0.00	45.59 1.96 0.00	52.36 2.26 0.00	57.09 2.41 0.17	59.56 2.89 0.00	59.78 3.06 0.00	59.45 3.10 0.00	59.37 3.09 0.00	55.30 2.73 0.00	53.51 2.69 0.00	52.41 2.87 0.00	52.29 2.77 0.00	52.57 2.83 0.00	55.49 2.69 0.00	56.50 2.69 0.00	59.96 3.18 0.00	61.05 3.35 0.10	55.18 2.32 0.00	52.98 2.33 0.00	48.58 2.31 0.00

KENSICO____ 23655	49.96 2.29 0.00	45.66 1.97 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.76 1.84 0.00	45.58 1.96 0.00	52.46 2.35 0.00	57.48 2.63 0.00	59.85 3.17 0.00	59.90 3.18 0.00	59.68 3.32 0.00	59.44 3.15 0.00	55.52 2.94 0.00	53.52 2.69 0.00	52.37 2.82 0.00	52.25 2.72 0.00	52.53 2.79 0.00	55.77 2.96 0.00	56.73 2.91 0.00	60.20 3.41 0.00	61.29 3.47 -0.01	55.45 2.59 0.00	53.14 2.48 0.00	48.53 2.27 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.72 2.05 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.60 1.68 0.00	45.37 1.74 0.00	52.21 2.10 0.00	57.21 2.36 0.00	59.57 2.89 0.00	59.56 2.84 0.00	59.40 3.04 0.00	59.15 2.87 0.00	55.25 2.68 0.00	53.26 2.44 0.00	52.07 2.53 0.00	51.95 2.43 0.00	52.28 2.54 0.00	55.61 2.80 0.00	56.51 2.69 0.00	60.08 3.29 0.00	61.04 3.24 0.00	55.34 2.48 0.00	52.99 2.33 0.00	48.39 2.13 0.00
KIAC_JFK_GT1 23816	50.00 2.34 0.00	45.74 2.05 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.84 1.92 0.00	45.63 2.01 0.00	52.46 2.35 0.00	57.37 2.52 0.00	59.91 3.23 0.00	60.02 3.29 0.00	59.85 3.49 0.00	59.66 3.38 0.00	55.73 3.15 0.00	53.67 2.85 0.00	52.57 3.02 0.00	52.45 2.92 0.00	52.78 3.03 0.00	56.03 3.22 0.00	57.00 3.18 0.00	60.48 3.69 0.00	61.76 3.93 -0.03	55.66 2.80 0.00	52.99 2.33 0.00	48.39 2.13 0.00
KIAC_JFK_GT2 23817	50.00 2.34 0.00	45.74 2.05 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.84 1.92 0.00	45.63 2.01 0.00	52.46 2.35 0.00	57.37 2.52 0.00	59.91 3.23 0.00	60.02 3.29 0.00	59.85 3.49 0.00	59.66 3.38 0.00	55.73 3.15 0.00	53.67 2.85 0.00	52.57 3.02 0.00	52.45 2.92 0.00	52.78 3.03 0.00	56.03 3.22 0.00	57.00 3.18 0.00	60.48 3.69 0.00	61.76 3.93 -0.03	55.66 2.80 0.00	52.99 2.33 0.00	48.39 2.13 0.00
KIAC_JFK____ 323774	49.91 2.24 0.00	45.79 2.10 0.00	44.47 2.00 0.00	42.48 1.79 0.00	41.72 1.80 0.00	45.63 2.01 0.00	52.46 2.36 0.00	57.38 2.52 0.00	59.85 3.17 0.00	60.13 3.40 0.00	59.85 3.50 0.00	59.72 3.43 0.00	55.62 3.05 0.00	53.67 2.84 0.00	52.52 2.97 0.00	52.45 2.92 0.00	52.78 3.03 0.00	55.98 3.17 0.00	57.00 3.17 0.00	60.54 3.75 0.00	61.76 3.93 -0.03	55.66 2.80 0.00	52.99 2.33 0.00	48.39 2.13 0.00
KINTIGH____ 23543	45.52 -2.15 0.00	41.81 -1.88 0.00	40.65 -1.83 0.00	39.11 -1.59 0.00	37.81 -2.12 0.00	41.48 -2.14 0.00	47.70 -2.41 0.00	52.11 -2.74 0.00	54.01 -2.66 0.00	53.43 -3.29 0.00	53.71 -2.65 0.00	53.53 -2.76 0.00	49.94 -2.63 0.00	48.48 -2.34 0.00	46.92 -2.63 0.00	47.34 -2.18 0.00	47.56 -2.19 0.00	50.38 -2.43 0.00	51.50 -2.31 0.00	54.74 -2.04 0.00	55.72 -2.08 0.00	50.64 -2.22 0.00	48.83 -1.82 0.00	44.74 -1.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.81 1.14 0.00	45.00 1.31 0.00	43.71 1.23 0.00	41.87 1.18 0.00	41.08 1.16 0.00	44.89 1.27 0.00	51.31 1.20 0.00	56.06 1.21 0.00	57.75 1.08 0.00	57.92 1.19 0.00	57.31 0.96 0.00	57.30 1.01 0.00	53.73 1.16 0.00	51.99 1.17 0.00	50.54 0.99 0.00	50.51 0.99 0.00	50.69 0.95 0.00	53.76 0.95 0.00	54.79 0.97 0.00	57.47 0.68 0.00	58.67 0.87 0.00	54.23 1.37 0.00	51.97 1.32 0.00	47.37 1.11 0.00
LACHUTE__HYDRO 323717	51.53 3.86 0.00	47.31 3.62 0.00	46.05 3.57 0.00	43.99 3.29 0.00	43.15 3.23 0.00	47.15 3.53 0.00	54.36 4.26 0.00	59.40 4.55 0.00	61.55 4.87 0.00	61.83 5.11 0.00	61.65 5.30 0.00	61.18 4.89 0.00	56.41 3.84 0.00	54.79 3.97 0.00	53.41 3.87 0.00	53.49 3.96 0.00	54.07 4.33 0.00	57.46 4.65 0.00	58.71 4.90 0.00	62.58 5.80 0.00	63.64 5.84 0.00	57.24 4.38 0.00	54.86 4.20 0.00	49.92 3.65 0.00
LAWRNCV_115KV_TB1 80681	46.81 -0.86 0.00	43.38 -0.31 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.64 -0.28 0.00	43.32 -0.31 0.00	49.10 -1.00 0.00	53.59 -1.26 0.00	55.09 -1.59 0.00	55.25 -1.47 0.00	54.66 -1.69 0.00	54.76 -1.52 0.00	51.36 -1.21 0.00	49.65 -1.17 0.00	48.31 -1.24 0.00	48.24 -1.29 0.00	48.35 -1.39 0.00	51.33 -1.48 0.00	52.36 -1.45 0.00	54.91 -1.87 0.00	56.01 -1.79 0.00	51.91 -0.95 0.00	49.74 -0.91 0.00	45.34 -0.93 0.00
LEDERLE____ 23769	49.76 2.10 0.00	45.48 1.79 0.00	44.22 1.74 0.00	42.28 1.59 0.00	41.60 1.68 0.00	45.41 1.79 0.00	52.26 2.15 0.00	57.32 2.47 0.00	59.63 2.95 0.00	59.68 2.95 0.00	59.51 3.16 0.00	59.27 2.98 0.00	55.36 2.79 0.00	53.37 2.54 0.00	52.22 2.68 0.00	52.05 2.53 0.00	52.38 2.64 0.00	55.56 2.75 0.00	56.51 2.69 0.00	59.97 3.18 0.00	61.05 3.24 -0.01	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
LIGHTHSE_115KV_TB6 355974	47.19 -0.48 0.00	43.25 -0.44 0.00	42.05 -0.42 0.00	40.29 -0.41 0.00	39.48 -0.44 0.00	43.14 -0.48 0.00	49.45 -0.65 0.00	54.14 -0.71 0.00	56.00 -0.68 0.00	56.10 -0.62 0.00	55.79 -0.56 0.00	55.61 -0.68 0.00	51.89 -0.68 0.00	50.16 -0.66 0.00	48.70 -0.84 0.00	48.73 -0.79 0.00	48.90 -0.85 0.00	51.96 -0.84 0.00	53.17 -0.65 0.00	56.45 -0.34 0.00	57.46 -0.35 0.00	52.44 -0.42 0.00	50.25 -0.41 0.00	45.80 -0.46 0.00
LINDEN COGEN____ 23786	50.10 2.43 0.00	45.87 2.18 0.00	44.60 2.12 0.00	42.61 1.91 0.00	41.84 1.92 0.00	45.80 2.18 0.00	52.71 2.60 0.00	57.65 2.80 0.00	60.08 3.40 0.00	60.25 3.52 0.00	59.91 3.55 0.00	59.78 3.49 0.00	55.68 3.10 0.00	53.83 3.00 0.00	52.67 3.12 0.00	52.55 3.02 0.00	52.83 3.09 0.00	55.93 3.11 0.00	56.94 3.12 0.00	60.43 3.64 0.00	61.64 3.81 -0.03	55.76 2.91 0.00	53.39 2.73 0.00	48.76 2.50 0.00
LINDHRST_69_KV_BK1 356055	49.67 2.00 0.00	45.44 1.75 0.00	44.01 1.53 0.00	41.95 1.26 0.00	41.48 1.56 0.00	45.50 1.88 0.00	51.91 1.80 0.00	56.05 1.65 0.44	59.22 2.55 0.00	59.27 2.55 0.00	58.77 2.42 0.00	58.70 2.42 0.00	54.83 2.26 0.00	52.70 1.88 0.00	51.82 2.28 0.00	51.60 2.08 0.00	51.98 2.24 0.00	55.34 2.53 0.00	56.18 2.37 0.00	59.45 2.67 0.00	60.63 3.06 0.24	54.65 1.80 0.01	52.42 1.77 0.01	48.30 2.04 0.00
LIPA_MISC_IPP 23656	48.57 0.91 0.00	44.39 0.70 0.00	42.99 0.51 0.00	40.98 0.28 0.00	40.56 0.64 0.00	44.54 0.92 0.00	51.41 1.30 0.00	55.38 1.04 0.51	58.54 1.87 0.00	58.54 1.82 0.00	57.42 1.07 0.00	57.40 1.13 0.00	53.62 1.05 0.00	51.48 0.66 0.00	50.68 1.14 0.00	50.46 0.94 0.00	50.83 1.09 0.00	54.28 1.48 0.00	55.10 1.29 0.00	58.32 1.53 0.00	59.32 1.79 0.27	53.49 0.63 0.01	51.71 1.06 0.01	47.61 1.34 0.00
LISF__SOLAR 323691	48.53 0.86 0.00	44.48 0.79 0.00	43.07 0.59 0.00	40.98 0.29 0.00	40.36 0.44 0.00	44.23 0.61 0.00	51.46 1.35 0.00	55.49 1.15 0.51	58.49 1.81 0.00	58.65 1.93 0.00	57.53 1.19 0.00	57.57 1.30 0.00	53.46 0.89 0.00	51.53 0.71 0.00	50.53 0.99 0.00	50.56 1.04 0.00	50.88 1.15 0.00	54.17 1.37 0.00	55.21 1.40 0.00	58.48 1.70 0.00	59.44 1.90 0.27	53.59 0.74 0.01	51.81 1.17 0.01	47.74 1.48 0.00

LITTLE FALLS___HYD 24013	46.86 -0.81 0.00	42.95 -0.74 0.00	41.75 -0.72 0.00	39.96 -0.73 0.00	39.28 -0.64 0.00	43.05 -0.57 0.00	49.61 -0.50 0.00	54.41 -0.44 0.00	56.45 -0.23 0.00	56.84 0.11 0.00	56.52 0.17 0.00	56.23 -0.06 0.00	52.47 -0.11 0.00	50.72 -0.10 0.00	49.54 0.00 0.00	49.47 -0.05 0.00	49.64 -0.10 0.00	52.65 -0.16 0.00	53.71 -0.11 0.00	56.96 0.17 0.00	57.80 0.00 0.00	52.70 -0.16 0.00	50.55 -0.10 0.00	46.22 -0.05 0.00
LITTLRIV_115KV_TB1 356100	47.33 -0.33 0.00	43.86 0.17 0.00	42.65 0.17 0.00	40.82 0.12 0.00	40.08 0.16 0.00	43.84 0.22 0.00	49.71 -0.40 0.00	54.14 -0.71 0.00	55.60 -1.08 0.00	55.70 -1.02 0.00	55.00 -1.35 0.00	55.10 -1.18 0.00	51.73 -0.84 0.00	50.01 -0.81 0.00	48.65 -0.89 0.00	48.63 -0.89 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	53.01 -0.81 0.00	55.59 -1.19 0.00	56.71 -1.10 0.00	52.54 -0.32 0.00	50.30 -0.35 0.00	45.85 -0.42 0.00
LI_NEWBRDGE___DRP 323616	49.29 1.62 0.00	45.09 1.40 0.00	43.71 1.23 0.00	41.71 1.02 0.00	41.20 1.28 0.00	45.15 1.53 0.00	51.46 1.35 0.00	55.56 1.26 0.55	58.77 2.10 0.00	58.88 2.16 0.00	58.43 2.09 0.00	58.36 2.08 0.00	54.56 2.00 0.00	52.44 1.63 0.00	51.57 2.03 0.00	51.30 1.78 0.00	51.63 1.89 0.00	54.81 2.01 0.00	55.64 1.83 0.00	58.88 2.10 0.00	60.00 2.49 0.29	54.23 1.37 0.01	51.91 1.27 0.01	47.79 1.53 0.00
LOCKPORT_115KV_TB60_63_64 80432	44.71 -2.96 0.00	41.11 -2.58 0.00	40.01 -2.46 0.00	38.54 -2.16 0.00	37.01 -2.91 0.00	40.74 -2.88 0.00	46.80 -3.31 0.00	51.18 -3.68 0.00	53.05 -3.63 0.00	52.24 -4.48 0.00	52.75 -3.61 0.00	52.46 -3.83 0.00	49.00 -3.57 0.00	47.62 -3.20 0.00	45.88 -3.67 0.00	46.45 -3.07 0.00	46.71 -3.03 0.00	49.53 -3.27 0.00	50.70 -3.12 0.00	53.95 -2.84 0.00	54.86 -2.95 0.00	49.85 -3.01 0.00	48.17 -2.48 0.00	44.14 -2.13 0.00
LOCKPORT___CC1 323769	45.33 -2.33 0.00	41.07 -2.62 0.00	39.97 -2.51 0.00	38.54 -2.16 0.00	37.49 -2.44 0.00	40.88 -2.75 0.00	46.85 -3.26 0.00	51.18 -3.67 0.00	53.05 -3.63 0.00	53.43 -3.29 0.00	52.75 -3.61 0.00	53.02 -3.27 0.00	49.36 -3.21 0.00	47.72 -3.10 0.00	45.93 -3.61 0.00	46.50 -3.02 0.00	46.76 -2.98 0.00	49.58 -3.22 0.00	50.69 -3.12 0.00	53.89 -2.89 0.00	54.86 -2.95 0.00	49.85 -3.01 0.00	48.17 -2.48 0.00	44.18 -2.08 0.00
LOCKPORT___CC2 323770	45.33 -2.33 0.00	41.07 -2.62 0.00	39.97 -2.51 0.00	38.54 -2.16 0.00	37.49 -2.44 0.00	40.88 -2.75 0.00	46.85 -3.26 0.00	51.18 -3.67 0.00	53.05 -3.63 0.00	53.43 -3.29 0.00	52.75 -3.61 0.00	53.02 -3.27 0.00	49.36 -3.21 0.00	47.72 -3.10 0.00	45.93 -3.61 0.00	46.50 -3.02 0.00	46.76 -2.98 0.00	49.58 -3.22 0.00	50.69 -3.12 0.00	53.89 -2.89 0.00	54.86 -2.95 0.00	49.85 -3.01 0.00	48.17 -2.48 0.00	44.18 -2.08 0.00
LOCKPORT___CC3 323771	45.33 -2.33 0.00	41.07 -2.62 0.00	39.97 -2.51 0.00	38.54 -2.16 0.00	37.49 -2.44 0.00	40.88 -2.75 0.00	46.85 -3.26 0.00	51.18 -3.67 0.00	53.05 -3.63 0.00	53.43 -3.29 0.00	52.75 -3.61 0.00	53.02 -3.27 0.00	49.36 -3.21 0.00	47.72 -3.10 0.00	45.93 -3.61 0.00	46.50 -3.02 0.00	46.76 -2.98 0.00	49.58 -3.22 0.00	50.69 -3.12 0.00	53.89 -2.89 0.00	54.86 -2.95 0.00	49.85 -3.01 0.00	48.17 -2.48 0.00	44.18 -2.08 0.00
LONG_LAKE_PHOENIX 24014	46.90 -0.76 0.00	42.95 -0.74 0.00	41.71 -0.76 0.00	40.00 -0.69 0.00	39.16 -0.76 0.00	42.84 -0.79 0.00	49.25 -0.85 0.00	53.97 -0.88 0.00	55.88 -0.79 0.00	55.93 -0.79 0.00	55.62 -0.73 0.00	55.49 -0.79 0.00	51.73 -0.84 0.00	50.06 -0.76 0.00	48.70 -0.84 0.00	48.73 -0.79 0.00	48.90 -0.85 0.00	51.91 -0.90 0.00	52.96 -0.86 0.00	56.05 -0.74 0.00	57.11 -0.69 0.00	52.01 -0.85 0.00	49.85 -0.81 0.00	45.48 -0.79 0.00
LOVETT___3 23632	49.62 1.95 0.00	45.35 1.66 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.48 1.56 0.00	45.28 1.66 0.00	52.11 2.00 0.00	57.15 2.30 0.00	59.40 2.72 0.00	59.45 2.72 0.00	59.23 2.87 0.00	58.99 2.70 0.00	55.10 2.52 0.00	53.16 2.34 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.34 2.53 0.00	56.29 2.48 0.00	59.74 2.95 0.00	60.82 3.01 -0.01	55.08 2.22 0.00	52.73 2.08 0.00	48.21 1.94 0.00
LOVETT___4 23642	49.62 1.95 0.00	45.35 1.66 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.48 1.56 0.00	45.28 1.66 0.00	52.11 2.00 0.00	57.15 2.30 0.00	59.40 2.72 0.00	59.45 2.72 0.00	59.23 2.87 0.00	58.99 2.70 0.00	55.10 2.52 0.00	53.16 2.34 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.34 2.53 0.00	56.29 2.48 0.00	59.74 2.95 0.00	60.82 3.01 -0.01	55.08 2.22 0.00	52.73 2.08 0.00	48.21 1.94 0.00
LOVETT___5 23593	49.62 1.95 0.00	45.35 1.66 0.00	44.09 1.61 0.00	42.16 1.46 0.00	41.48 1.56 0.00	45.28 1.66 0.00	52.11 2.00 0.00	57.15 2.30 0.00	59.40 2.72 0.00	59.45 2.72 0.00	59.23 2.87 0.00	58.99 2.70 0.00	55.10 2.52 0.00	53.16 2.34 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.34 2.53 0.00	56.29 2.48 0.00	59.74 2.95 0.00	60.82 3.01 -0.01	55.08 2.22 0.00	52.73 2.08 0.00	48.21 1.94 0.00
LOWER RAQUET___HYD 24057	46.57 -1.09 0.00	43.17 -0.52 0.00	41.97 -0.51 0.00	40.16 -0.53 0.00	39.44 -0.48 0.00	43.10 -0.52 0.00	48.90 -1.20 0.00	53.32 -1.54 0.00	54.86 -1.82 0.00	54.63 -2.10 0.00	54.38 -1.97 0.00	54.20 -2.08 0.00	51.10 -1.47 0.00	49.40 -1.42 0.00	48.06 -1.49 0.00	47.99 -1.54 0.00	48.10 -1.64 0.00	51.07 -1.74 0.00	52.15 -1.67 0.00	54.69 -2.10 0.00	55.78 -2.02 0.00	51.70 -1.16 0.00	49.49 -1.16 0.00	45.15 -1.11 0.00
LOWER___HUDSON 24059	49.00 1.33 0.00	44.91 1.22 0.00	43.66 1.19 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.61 1.50 0.00	56.61 1.75 0.00	58.55 1.87 0.00	58.71 1.98 0.00	58.38 2.03 0.00	58.14 1.85 0.00	54.04 1.47 0.00	52.30 1.47 0.00	51.08 1.54 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.55 1.74 0.00	55.65 1.83 0.00	58.94 2.16 0.00	59.94 2.14 0.00	54.44 1.58 0.00	52.13 1.47 0.00	47.61 1.34 0.00
LOWVILLE_115KV_TB2 356335	48.05 0.38 0.00	44.13 0.44 0.00	42.90 0.42 0.00	41.10 0.41 0.00	40.36 0.44 0.00	44.15 0.52 0.00	50.56 0.45 0.00	55.23 0.38 0.00	57.02 0.34 0.00	57.12 0.40 0.00	56.52 0.17 0.00	56.28 0.00 0.00	52.57 0.00 0.00	50.77 -0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.64 -0.10 0.00	52.76 -0.05 0.00	54.19 0.38 0.00	57.64 0.85 0.00	58.61 0.81 0.00	53.55 0.69 0.00	51.21 0.56 0.00	46.63 0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.81 2.15 0.00	45.61 1.92 0.00	44.35 1.87 0.00	42.44 1.75 0.00	41.68 1.76 0.00	45.50 1.88 0.00	52.41 2.30 0.00	57.37 2.52 0.00	59.45 2.78 0.00	59.50 2.78 0.00	59.34 2.99 0.00	58.98 2.70 0.00	54.83 2.26 0.00	53.11 2.29 0.00	51.82 2.28 0.00	51.80 2.28 0.00	52.18 2.44 0.00	55.40 2.59 0.00	56.51 2.69 0.00	59.91 3.12 0.00	60.93 3.12 0.00	55.24 2.38 0.00	52.94 2.28 0.00	48.30 2.04 0.00

LUTHERNY_35_KV_BK2 355980	49.81 2.15 0.00	45.66 1.97 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.68 1.76 0.00	45.54 1.92 0.00	52.41 2.30 0.00	57.43 2.58 0.00	59.51 2.83 0.00	59.56 2.84 0.00	59.40 3.04 0.00	59.04 2.76 0.00	54.83 2.26 0.00	53.11 2.29 0.00	51.82 2.28 0.00	51.85 2.33 0.00	52.23 2.49 0.00	55.45 2.64 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
LWR___OSWEGATCHIE_HYD 23850	47.00 -0.67 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.64 -0.28 0.00	43.32 -0.31 0.00	49.30 -0.80 0.00	53.81 -1.04 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.36 -1.21 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.24 -1.29 0.00	48.40 -1.34 0.00	51.43 -1.37 0.00	52.69 -1.13 0.00	55.71 -1.08 0.00	56.71 -1.10 0.00	52.28 -0.58 0.00	50.00 -0.66 0.00	45.57 -0.69 0.00
LYONS_FALL_HYD 23570	48.24 0.57 0.00	44.26 0.57 0.00	43.03 0.55 0.00	41.22 0.53 0.00	40.48 0.56 0.00	44.23 0.61 0.00	50.76 0.65 0.00	55.51 0.66 0.00	57.41 0.73 0.00	57.58 0.85 0.00	57.03 0.68 0.00	56.79 0.51 0.00	53.04 0.47 0.00	51.18 0.36 0.00	49.89 0.35 0.00	49.87 0.35 0.00	50.04 0.30 0.00	53.18 0.37 0.00	54.47 0.65 0.00	57.86 1.08 0.00	58.85 1.04 0.00	53.70 0.84 0.00	51.36 0.71 0.00	46.82 0.56 0.00
MADISON___COUNTY_LFGE 323628	48.72 1.05 0.00	44.65 0.96 0.00	43.41 0.93 0.00	41.59 0.90 0.00	40.80 0.88 0.00	44.63 1.00 0.00	51.36 1.25 0.00	56.22 1.37 0.00	58.15 1.47 0.00	58.26 1.53 0.00	57.82 1.47 0.00	57.63 1.35 0.00	53.78 1.21 0.00	51.94 1.12 0.00	50.63 1.09 0.00	50.61 1.09 0.00	50.79 1.04 0.00	53.92 1.11 0.00	55.16 1.35 0.00	58.55 1.76 0.00	59.54 1.73 0.00	54.18 1.32 0.00	51.87 1.22 0.00	47.28 1.02 0.00
MALONE___115KV_TB1 356076	48.29 0.62 0.00	44.56 0.87 0.00	43.28 0.81 0.00	41.47 0.77 0.00	40.68 0.76 0.00	44.45 0.83 0.00	50.76 0.65 0.00	55.40 0.55 0.00	57.07 0.40 0.00	57.24 0.51 0.00	56.69 0.34 0.00	56.68 0.39 0.00	53.15 0.58 0.00	51.43 0.61 0.00	49.99 0.45 0.00	49.97 0.45 0.00	50.09 0.35 0.00	53.12 0.32 0.00	54.14 0.32 0.00	56.79 0.00 0.00	58.04 0.23 0.00	53.65 0.79 0.00	51.42 0.76 0.00	46.86 0.60 0.00
MAPLEWOD_115KV_TB3 80458	48.81 1.14 0.00	44.69 1.00 0.00	43.45 0.98 0.00	41.63 0.94 0.00	40.92 1.00 0.00	44.63 1.00 0.00	51.41 1.30 0.00	56.28 1.43 0.00	58.32 1.64 0.00	58.37 1.65 0.00	58.10 1.75 0.00	57.80 1.52 0.00	53.83 1.26 0.00	52.04 1.22 0.00	50.83 1.29 0.00	50.86 1.34 0.00	51.14 1.39 0.00	54.34 1.53 0.00	55.38 1.56 0.00	58.66 1.87 0.00	59.65 1.85 0.00	54.18 1.32 0.00	51.87 1.22 0.00	47.37 1.11 0.00
MAPLE_RIDGE_WT_1 323574	47.48 -0.19 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.65 -0.04 0.00	39.88 -0.04 0.00	43.58 -0.04 0.00	49.96 -0.15 0.00	54.63 -0.22 0.00	56.34 -0.34 0.00	56.33 -0.39 0.00	56.02 -0.34 0.00	55.95 -0.34 0.00	52.36 -0.21 0.00	50.62 -0.20 0.00	49.35 -0.20 0.00	49.28 -0.25 0.00	49.50 -0.25 0.00	52.49 -0.31 0.00	53.50 -0.32 0.00	56.28 -0.51 0.00	57.28 -0.52 0.00	52.60 -0.26 0.00	50.45 -0.20 0.00	46.08 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	47.48 -0.19 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.65 -0.04 0.00	39.88 -0.04 0.00	43.58 -0.04 0.00	49.96 -0.15 0.00	54.63 -0.22 0.00	56.34 -0.34 0.00	56.33 -0.39 0.00	56.02 -0.34 0.00	55.95 -0.34 0.00	52.36 -0.21 0.00	50.62 -0.20 0.00	49.35 -0.20 0.00	49.28 -0.25 0.00	49.50 -0.25 0.00	52.49 -0.31 0.00	53.50 -0.32 0.00	56.28 -0.51 0.00	57.28 -0.52 0.00	52.60 -0.26 0.00	50.45 -0.20 0.00	46.08 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	48.19 0.53 0.00	44.39 0.70 0.00	43.15 0.68 0.00	41.34 0.65 0.00	40.56 0.64 0.00	44.28 0.66 0.00	50.66 0.55 0.00	55.34 0.49 0.00	56.96 0.28 0.00	56.78 0.06 0.00	56.47 0.11 0.00	56.28 0.00 0.00	52.99 0.42 0.00	51.23 0.40 0.00	49.84 0.30 0.00	49.82 0.30 0.00	49.99 0.25 0.00	53.07 0.27 0.00	54.09 0.27 0.00	56.67 -0.11 0.00	57.80 0.00 0.00	53.44 0.58 0.00	51.27 0.61 0.00	46.77 0.51 0.00
MARSHVLE_115KV_TB1 80742	50.96 3.29 0.00	46.66 2.97 0.00	45.41 2.93 0.00	43.42 2.73 0.00	42.60 2.67 0.00	46.54 2.92 0.00	53.61 3.51 0.00	58.69 3.84 0.00	60.70 4.02 0.00	60.53 3.80 0.00	60.24 3.89 0.00	59.60 3.32 0.00	55.46 2.89 0.00	53.72 2.90 0.00	52.42 2.87 0.00	52.45 2.92 0.00	52.73 2.98 0.00	56.19 3.38 0.00	57.58 3.77 0.00	61.56 4.77 0.00	62.60 4.80 0.00	56.82 3.96 0.00	54.40 3.75 0.00	49.59 3.33 0.00
MARSH_HILL_WT_PWR 323713	47.67 0.00 0.00	43.30 -0.39 0.00	42.22 -0.25 0.00	40.57 -0.12 0.00	39.60 -0.32 0.00	43.36 -0.26 0.00	49.86 -0.25 0.00	54.69 -0.16 0.00	56.28 -0.39 0.00	56.61 -0.11 0.00	55.68 -0.67 0.00	55.67 -0.62 0.00	51.73 -0.84 0.00	50.06 -0.76 0.00	48.45 -1.09 0.00	48.78 -0.74 0.00	49.20 -0.55 0.00	52.33 -0.48 0.00	53.50 -0.32 0.00	57.07 0.29 0.00	58.21 0.41 0.00	52.86 0.00 0.00	50.81 0.15 0.00	46.40 0.14 0.00
MCINTYRE_115KV_TB2 80467	47.86 0.19 0.00	44.34 0.66 0.00	43.11 0.64 0.00	41.30 0.61 0.00	40.56 0.64 0.00	44.32 0.70 0.00	50.31 0.20 0.00	54.74 -0.11 0.00	56.05 -0.62 0.00	56.16 -0.57 0.00	55.45 -0.90 0.00	55.55 -0.73 0.00	52.15 -0.42 0.00	50.42 -0.41 0.00	49.10 -0.45 0.00	49.08 -0.45 0.00	49.25 -0.50 0.00	52.33 -0.48 0.00	53.55 -0.27 0.00	56.22 -0.57 0.00	57.34 -0.46 0.00	53.12 0.26 0.00	50.86 0.20 0.00	46.40 0.14 0.00
MECO_____69_KV_BK1 80468	51.39 3.72 0.00	47.05 3.36 0.00	45.75 3.27 0.00	43.75 3.05 0.00	42.96 3.03 0.00	46.98 3.36 0.00	54.11 4.01 0.00	59.18 4.33 0.00	61.27 4.59 0.00	61.15 4.42 0.00	60.92 4.56 0.00	60.28 4.00 0.00	55.88 3.31 0.00	54.23 3.41 0.00	52.91 3.37 0.00	52.94 3.42 0.00	53.38 3.63 0.00	56.87 4.07 0.00	58.23 4.41 0.00	62.18 5.39 0.00	63.24 5.43 0.00	57.25 4.39 0.00	54.86 4.20 0.00	49.96 3.70 0.00
MENANDS___115KV_TB5 355628	48.57 0.91 0.00	44.48 0.79 0.00	43.24 0.76 0.00	41.43 0.73 0.00	40.72 0.80 0.00	44.41 0.79 0.00	51.16 1.05 0.00	56.00 1.15 0.00	58.04 1.36 0.00	58.09 1.36 0.00	57.82 1.47 0.00	57.52 1.24 0.00	53.57 1.00 0.00	51.84 1.02 0.00	50.63 1.09 0.00	50.61 1.09 0.00	50.89 1.14 0.00	54.02 1.21 0.00	55.06 1.24 0.00	58.32 1.53 0.00	59.31 1.50 0.00	53.86 1.00 0.00	51.57 0.91 0.00	47.14 0.88 0.00
MG INDUSTRY___DRP 24185	48.57 0.91 0.00	44.52 0.83 0.00	43.28 0.81 0.00	41.47 0.77 0.00	40.76 0.84 0.00	44.45 0.83 0.00	51.11 1.00 0.00	55.95 1.10 0.00	57.92 1.25 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.35 1.07 0.00	53.41 0.84 0.00	51.69 0.86 0.00	50.44 0.89 0.00	50.41 0.89 0.00	50.79 1.04 0.00	53.92 1.11 0.00	54.95 1.13 0.00	58.21 1.42 0.00	59.19 1.39 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.14 0.88 0.00

MID___OSWEGATCHIE_HYD 23849	47.00 -0.67 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.64 -0.28 0.00	43.32 -0.31 0.00	49.30 -0.80 0.00	53.81 -1.04 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.36 -1.21 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.24 -1.29 0.00	48.40 -1.34 0.00	51.43 -1.37 0.00	52.69 -1.13 0.00	55.71 -1.08 0.00	56.71 -1.10 0.00	52.28 -0.58 0.00	50.00 -0.66 0.00	45.57 -0.69 0.00
MID___RAQUETTE_HYD 23851	46.57 -1.10 0.00	43.16 -0.52 0.00	41.97 -0.51 0.00	40.16 -0.53 0.00	39.44 -0.48 0.00	43.10 -0.52 0.00	48.90 -1.20 0.00	53.32 -1.54 0.00	54.81 -1.87 0.00	55.02 -1.70 0.00	54.38 -1.97 0.00	54.43 -1.86 0.00	51.10 -1.47 0.00	49.40 -1.42 0.00	48.06 -1.49 0.00	47.99 -1.54 0.00	48.10 -1.64 0.00	51.07 -1.74 0.00	52.15 -1.67 0.00	54.69 -2.10 0.00	55.78 -2.02 0.00	51.70 -1.16 0.00	49.49 -1.17 0.00	45.15 -1.11 0.00
MILLIKEN___1 23584	48.38 0.72 0.00	44.30 0.61 0.00	43.07 0.59 0.00	41.30 0.61 0.00	40.40 0.48 0.00	44.23 0.61 0.00	50.96 0.85 0.00	55.89 1.04 0.00	57.81 1.13 0.00	57.75 1.02 0.00	57.37 1.01 0.00	57.18 0.90 0.00	53.25 0.68 0.00	51.59 0.76 0.00	50.19 0.64 0.00	50.27 0.74 0.00	50.54 0.80 0.00	53.65 0.84 0.00	54.84 1.02 0.00	58.15 1.36 0.00	59.25 1.45 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.05 0.79 0.00
MILLIKEN___2 23585	48.38 0.72 0.00	44.30 0.61 0.00	43.07 0.59 0.00	41.30 0.61 0.00	40.40 0.48 0.00	44.23 0.61 0.00	50.96 0.85 0.00	55.89 1.04 0.00	57.81 1.13 0.00	57.75 1.02 0.00	57.37 1.01 0.00	57.18 0.90 0.00	53.25 0.68 0.00	51.59 0.76 0.00	50.19 0.64 0.00	50.27 0.74 0.00	50.54 0.80 0.00	53.65 0.84 0.00	54.84 1.02 0.00	58.15 1.36 0.00	59.25 1.45 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.05 0.79 0.00
MILLIKEN___DIESEL 23629	48.38 0.72 0.00	44.30 0.61 0.00	43.07 0.59 0.00	41.30 0.61 0.00	40.40 0.48 0.00	44.23 0.61 0.00	50.96 0.85 0.00	55.89 1.04 0.00	57.81 1.13 0.00	57.75 1.02 0.00	57.37 1.01 0.00	57.18 0.90 0.00	53.25 0.68 0.00	51.59 0.76 0.00	50.19 0.64 0.00	50.27 0.74 0.00	50.54 0.80 0.00	53.65 0.84 0.00	54.84 1.02 0.00	58.15 1.36 0.00	59.25 1.45 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.05 0.79 0.00
MILLSEAT___LFGE 323607	46.19 -1.48 0.00	41.81 -1.88 0.00	40.73 -1.74 0.00	39.27 -1.43 0.00	38.25 -1.68 0.00	41.66 -1.96 0.00	47.70 -2.40 0.00	52.27 -2.58 0.00	54.13 -2.55 0.00	54.57 -2.16 0.00	53.88 -2.48 0.00	54.20 -2.08 0.00	50.31 -2.26 0.00	48.59 -2.24 0.00	46.82 -2.72 0.00	47.35 -2.18 0.00	47.51 -2.24 0.00	50.54 -2.27 0.00	51.66 -2.15 0.00	54.97 -1.82 0.00	56.07 -1.73 0.00	50.85 -2.01 0.00	49.14 -1.52 0.00	44.92 -1.34 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.76 2.10 0.00	45.52 1.83 0.00	44.22 1.74 0.00	42.28 1.59 0.00	41.64 1.72 0.00	45.41 1.79 0.00	52.26 2.15 0.00	57.26 2.41 0.00	59.63 2.95 0.00	59.68 2.95 0.00	59.46 3.10 0.00	59.21 2.93 0.00	55.31 2.73 0.00	53.31 2.49 0.00	52.17 2.63 0.00	52.05 2.53 0.00	52.33 2.59 0.00	55.56 2.75 0.00	56.51 2.69 0.00	59.91 3.12 0.00	61.05 3.24 -0.01	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
MILLWOOD_13_KV_LOAD 356217	49.86 2.19 0.00	45.61 1.92 0.00	44.30 1.83 0.00	42.36 1.67 0.00	41.72 1.80 0.00	45.50 1.88 0.00	52.36 2.25 0.00	57.37 2.52 0.00	59.74 3.06 0.00	59.79 3.06 0.00	59.57 3.21 0.00	59.32 3.04 0.00	55.41 2.84 0.00	53.42 2.59 0.00	52.27 2.72 0.00	52.15 2.62 0.00	52.43 2.69 0.00	55.66 2.85 0.00	56.62 2.80 0.00	60.03 3.24 0.00	61.17 3.35 -0.01	55.40 2.54 0.00	53.04 2.38 0.00	48.44 2.17 0.00
MODEL_CITY_ENERGY 24167	44.81 -2.86 0.00	40.59 -3.10 0.00	39.55 -2.93 0.00	38.13 -2.56 0.00	37.09 -2.83 0.00	40.39 -3.23 0.00	46.30 -3.81 0.00	50.57 -4.28 0.00	52.43 -4.25 0.00	52.81 -3.91 0.00	52.18 -4.17 0.00	52.45 -3.83 0.00	48.79 -3.79 0.00	47.16 -3.66 0.00	45.43 -4.11 0.00	46.01 -3.52 0.00	46.21 -3.53 0.00	49.06 -3.75 0.00	50.10 -3.71 0.00	53.27 -3.52 0.00	54.22 -3.58 0.00	49.32 -3.54 0.00	47.62 -3.04 0.00	43.67 -2.59 0.00
MODERN_LFGE___ 323580	44.81 -2.86 0.00	40.59 -3.10 0.00	39.55 -2.93 0.00	38.13 -2.56 0.00	37.09 -2.83 0.00	40.39 -3.23 0.00	46.30 -3.81 0.00	50.57 -4.28 0.00	52.43 -4.25 0.00	52.81 -3.91 0.00	52.18 -4.17 0.00	52.45 -3.83 0.00	48.79 -3.79 0.00	47.16 -3.66 0.00	45.43 -4.11 0.00	46.01 -3.52 0.00	46.21 -3.53 0.00	49.06 -3.75 0.00	50.10 -3.71 0.00	53.27 -3.52 0.00	54.22 -3.58 0.00	49.32 -3.54 0.00	47.62 -3.04 0.00	43.67 -2.59 0.00
MOHAWK_PAPER___DRP 24187	48.81 1.14 0.00	44.69 1.00 0.00	43.45 0.98 0.00	41.63 0.94 0.00	40.92 1.00 0.00	44.63 1.00 0.00	51.41 1.30 0.00	56.28 1.43 0.00	58.32 1.64 0.00	58.37 1.65 0.00	58.10 1.75 0.00	57.80 1.52 0.00	53.83 1.26 0.00	52.04 1.22 0.00	50.83 1.29 0.00	50.86 1.34 0.00	51.14 1.39 0.00	54.34 1.53 0.00	55.38 1.56 0.00	58.66 1.87 0.00	59.65 1.85 0.00	54.18 1.32 0.00	51.87 1.22 0.00	47.37 1.11 0.00
MOHICAN___35_KV_115KV_LD 80490	50.34 2.67 0.00	46.09 2.40 0.00	44.86 2.38 0.00	42.89 2.20 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.08 3.40 0.00	60.19 3.46 0.00	60.07 3.72 0.00	59.60 3.32 0.00	55.31 2.73 0.00	53.62 2.80 0.00	52.27 2.72 0.00	52.30 2.77 0.00	52.73 2.98 0.00	55.98 3.17 0.00	57.15 3.34 0.00	60.71 3.92 0.00	61.73 3.93 0.00	55.82 2.96 0.00	53.44 2.79 0.00	48.72 2.45 0.00
MONGAUP___HYD 23641	49.15 1.48 0.00	45.22 1.53 0.00	44.05 1.57 0.00	42.08 1.38 0.00	41.32 1.40 0.00	45.11 1.48 0.00	51.66 1.55 0.00	55.78 0.93 0.00	57.92 1.25 0.00	57.97 1.25 0.00	57.71 1.35 0.00	57.52 1.24 0.00	53.57 1.00 0.00	51.94 1.12 0.00	50.78 1.24 0.00	50.76 1.24 0.00	51.09 1.34 0.00	54.92 2.11 0.00	55.86 2.04 0.00	59.40 2.61 0.00	60.35 2.54 0.00	54.76 1.90 0.00	52.38 1.72 0.00	48.07 1.80 0.00
MONTAUK___DIESEL 23721	48.24 0.57 0.00	44.08 0.39 0.00	42.69 0.21 0.00	40.65 -0.04 0.00	40.28 0.36 0.00	44.28 0.65 0.00	51.36 1.25 0.00	55.43 1.10 0.51	58.71 2.04 0.00	58.71 1.99 0.00	56.97 0.62 0.00	57.23 0.96 0.00	53.41 0.84 0.00	51.07 0.25 0.00	50.23 0.69 0.00	50.11 0.59 0.00	50.49 0.75 0.00	54.12 1.32 0.00	54.78 0.97 0.00	58.03 1.25 0.00	58.98 1.45 0.27	52.96 0.11 0.01	51.26 0.61 0.01	47.61 1.34 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.95 -0.72 0.00	43.12 -0.57 0.00	41.97 -0.51 0.00	40.37 -0.33 0.00	38.88 -1.04 0.00	42.88 -0.74 0.00	49.40 -0.70 0.00	54.25 -0.60 0.00	56.00 -0.68 0.00	55.36 -1.36 0.00	55.73 -0.62 0.00	55.33 -0.96 0.00	51.63 -0.95 0.00	50.21 -0.61 0.00	48.21 -1.34 0.00	48.78 -0.74 0.00	49.05 -0.70 0.00	52.07 -0.74 0.00	53.28 -0.54 0.00	56.90 0.11 0.00	57.75 -0.06 0.00	52.44 -0.42 0.00	50.55 -0.10 0.00	46.22 -0.05 0.00

MORRIS_RIDGE___SOLAR 323848	46.81 -0.86 0.00	42.51 -1.18 0.00	41.42 -1.06 0.00	39.84 -0.86 0.00	38.85 -1.08 0.00	42.49 -1.13 0.00	48.80 -1.30 0.00	53.42 -1.43 0.00	55.15 -1.53 0.00	55.42 -1.30 0.00	54.55 -1.81 0.00	54.65 -1.63 0.00	50.78 -1.79 0.00	49.15 -1.68 0.00	47.42 -2.13 0.00	47.79 -1.73 0.00	48.20 -1.54 0.00	51.23 -1.58 0.00	52.37 -1.45 0.00	55.88 -0.91 0.00	56.94 -0.87 0.00	51.70 -1.16 0.00	49.79 -0.86 0.00	45.57 -0.69 0.00
MORTIMER_115KV_TB3 55949	46.48 -1.19 0.00	42.60 -1.09 0.00	41.41 -1.06 0.00	39.84 -0.85 0.00	38.64 -1.28 0.00	42.36 -1.27 0.00	48.65 -1.45 0.00	53.26 -1.59 0.00	55.26 -1.42 0.00	54.91 -1.82 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.10 -1.47 0.00	49.55 -1.27 0.00	48.06 -1.49 0.00	48.29 -1.24 0.00	48.45 -1.29 0.00	51.43 -1.37 0.00	52.53 -1.29 0.00	55.77 -1.02 0.00	56.88 -0.92 0.00	51.64 -1.22 0.00	49.79 -0.86 0.00	45.48 -0.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.29 2.62 0.00	45.96 2.27 0.00	44.69 2.21 0.00	42.69 1.99 0.00	42.04 2.12 0.00	45.89 2.27 0.00	52.81 2.71 0.00	57.81 2.96 0.00	60.25 3.57 -0.01	60.30 3.57 -0.01	60.08 3.72 -0.01	59.89 3.60 -0.01	55.94 3.36 -0.01	53.93 3.10 -0.01	52.82 3.27 -0.01	52.65 3.12 -0.01	52.98 3.23 -0.01	56.14 3.33 -0.01	57.11 3.28 -0.01	60.60 3.80 -0.01	61.77 3.93 -0.03	55.87 3.01 0.00	53.49 2.84 0.00	48.85 2.59 0.00
MUNSVILLE_WIND_PWR 323609	51.19 3.53 0.00	46.88 3.19 0.00	45.66 3.19 0.00	43.70 3.01 0.00	42.92 3.00 0.00	47.03 3.40 0.00	54.22 4.11 0.00	59.40 4.55 0.00	61.44 4.76 0.00	61.83 5.11 0.00	60.92 4.56 0.00	60.73 4.45 0.00	56.41 3.84 0.00	54.53 3.71 0.00	53.16 3.61 0.00	53.14 3.61 0.00	53.28 3.53 0.00	56.56 3.75 0.00	58.23 4.41 0.00	62.24 5.45 0.00	63.24 5.43 0.00	57.24 4.38 0.00	54.71 4.05 0.00	49.83 3.56 0.00
N SALMON___HYD 24042	48.29 0.62 0.00	44.56 0.87 0.00	43.28 0.81 0.00	41.46 0.77 0.00	40.68 0.76 0.00	44.45 0.83 0.00	50.76 0.65 0.00	55.40 0.55 0.00	57.08 0.40 0.00	56.90 0.17 0.00	56.69 0.34 0.00	56.45 0.17 0.00	53.15 0.58 0.00	51.43 0.61 0.00	49.99 0.44 0.00	49.97 0.44 0.00	50.09 0.35 0.00	53.13 0.32 0.00	54.14 0.32 0.00	56.79 0.00 0.00	58.04 0.23 0.00	53.65 0.79 0.00	51.42 0.76 0.00	46.86 0.60 0.00
N.AKRON__115KV_KNAPP 355671	45.57 -2.10 0.00	41.85 -1.83 0.00	40.69 -1.78 0.00	39.23 -1.46 0.00	37.73 -2.20 0.00	41.48 -2.14 0.00	47.65 -2.46 0.00	52.16 -2.69 0.00	54.07 -2.61 0.00	53.32 -3.40 0.00	53.76 -2.59 0.00	53.53 -2.76 0.00	49.89 -2.68 0.00	48.48 -2.34 0.00	46.72 -2.82 0.00	47.25 -2.28 0.00	47.46 -2.29 0.00	50.38 -2.43 0.00	51.61 -2.21 0.00	54.97 -1.82 0.00	55.95 -1.85 0.00	50.75 -2.11 0.00	49.09 -1.57 0.00	44.88 -1.39 0.00
N.BELMOR_69_KV_BK1 55787	49.67 2.00 0.00	45.44 1.75 0.00	44.05 1.57 0.00	42.04 1.34 0.00	41.52 1.60 0.00	45.45 1.83 0.00	51.86 1.75 0.00	56.26 1.70 0.29	59.22 2.55 0.00	59.33 2.61 0.00	58.94 2.59 0.00	58.87 2.59 0.00	54.98 2.42 0.00	52.90 2.08 0.00	51.97 2.43 0.00	51.75 2.23 0.00	52.08 2.34 0.00	55.34 2.53 0.00	56.18 2.37 0.00	59.51 2.73 0.00	60.71 3.06 0.15	54.76 1.90 0.01	52.42 1.77 0.01	48.21 1.94 0.00
N.E_GEN_SANDY PD 24062	49.00 1.33 0.00	44.96 1.27 0.00	43.66 1.19 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.66 1.55 0.00	57.47 1.81 -0.81	58.22 2.04 0.49	58.44 2.04 0.32	58.44 2.09 0.00	58.20 1.91 0.00	54.20 1.63 0.00	52.40 1.58 0.00	51.23 1.69 0.00	51.16 1.63 0.00	51.48 1.74 0.00	54.66 1.85 0.00	55.70 1.88 0.00	59.00 2.21 0.00	60.00 2.20 0.00	54.50 1.64 0.00	52.13 1.47 0.00	47.65 1.39 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.62 1.95 0.00	45.39 1.70 0.00	44.13 1.66 0.00	42.20 1.51 0.00	41.52 1.60 0.00	45.28 1.66 0.00	52.11 2.00 0.00	57.15 2.30 0.00	59.46 2.78 0.00	59.51 2.78 0.00	59.29 2.93 0.00	59.10 2.81 0.00	55.15 2.58 0.00	53.21 2.39 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.40 2.59 0.00	56.35 2.53 0.00	59.80 3.01 0.00	60.87 3.06 -0.01	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
N.QUEENS_27_KV_LOAD 356247	50.92 3.24 -0.01	46.54 2.84 -0.01	45.20 2.72 -0.01	43.22 2.52 -0.01	42.56 2.63 -0.01	46.47 2.84 -0.01	53.47 3.36 -0.01	58.70 3.84 -0.01	60.71 4.02 -0.01	60.82 4.08 -0.01	60.71 4.34 -0.01	60.52 4.22 -0.01	56.47 3.89 -0.01	54.44 3.61 -0.01	53.33 3.77 -0.02	53.16 3.62 -0.02	53.49 3.73 -0.01	56.78 3.96 -0.01	57.76 3.93 -0.01	61.29 4.49 -0.01	62.52 4.68 -0.03	56.78 3.91 -0.01	54.21 3.55 -0.01	49.51 3.24 -0.01
N.TROY___115KV_TB1 355778	49.05 1.38 0.00	44.91 1.22 0.00	43.67 1.19 0.00	41.79 1.10 0.00	41.04 1.12 0.00	44.80 1.18 0.00	51.61 1.50 0.00	56.61 1.76 0.00	58.60 1.93 0.00	58.60 1.87 0.00	58.38 2.03 0.00	58.08 1.80 0.00	54.10 1.52 0.00	52.30 1.47 0.00	51.08 1.54 0.00	51.06 1.54 0.00	51.39 1.64 0.00	54.55 1.74 0.00	55.65 1.83 0.00	58.95 2.16 0.00	59.94 2.14 0.00	54.45 1.59 0.00	52.13 1.47 0.00	47.61 1.34 0.00
NARROWS_GT1_1 24228	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT1_2 24229	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT1_3 24230	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT1_4 24231	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12

NARROWS_GT1_5 24232	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT1_6 24233	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT1_7 24234	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT1_8 24235	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_1 24236	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_2 24237	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_3 24238	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_4 24239	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_5 24240	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_6 24241	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_7 24242	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NARROWS_GT2_8 24243	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.00 1.33 0.00	44.87 1.18 0.00	43.71 1.23 0.00	41.83 1.14 0.00	41.12 1.20 0.00	44.80 1.18 0.00	51.56 1.45 0.00	56.44 1.59 0.00	58.55 1.87 0.00	58.48 1.76 0.00	58.27 1.92 0.00	57.80 1.52 0.00	53.78 1.21 0.00	52.04 1.22 0.00	50.78 1.24 0.00	50.81 1.29 0.00	51.24 1.49 0.00	54.66 1.85 0.00	55.65 1.83 0.00	59.12 2.33 0.00	60.00 2.20 0.00	54.45 1.59 0.00	52.13 1.47 0.00	47.65 1.39 0.00
NCHELSEA_115KV_TR2 355582	49.76 2.10 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.32 1.63 0.00	41.64 1.72 0.00	45.41 1.79 0.00	52.26 2.15 0.00	57.26 2.41 0.00	59.62 2.95 0.00	59.67 2.95 0.00	59.57 3.21 0.00	59.27 2.98 0.00	55.36 2.79 0.00	53.36 2.54 0.00	52.17 2.63 0.00	52.05 2.53 0.00	52.33 2.59 0.00	55.61 2.80 0.00	56.51 2.69 0.00	60.02 3.24 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
NEG CAPITAL___MECHNVIL 23645	49.76 2.09 0.00	45.66 1.97 0.00	44.39 1.91 0.00	42.44 1.75 0.00	41.64 1.72 0.00	45.50 1.87 0.00	52.41 2.31 0.00	57.43 2.58 0.00	59.51 2.83 0.00	59.67 2.95 0.00	59.45 3.10 0.00	59.15 2.87 0.00	54.88 2.31 0.00	53.16 2.34 0.00	51.92 2.38 0.00	51.90 2.38 0.00	52.28 2.54 0.00	55.45 2.64 0.00	56.56 2.74 0.00	60.02 3.24 0.00	61.04 3.24 0.00	55.29 2.43 0.00	52.99 2.33 0.00	48.35 2.08 0.00

NEG CENTRAL_HIGH_ACRES 23767	46.28 -1.38 0.00	42.12 -1.57 0.00	40.95 -1.53 0.00	39.39 -1.30 0.00	38.49 -1.44 0.00	42.01 -1.61 0.00	48.15 -1.95 0.00	52.82 -2.03 0.00	54.75 -1.93 0.00	55.14 -1.59 0.00	54.55 -1.81 0.00	54.77 -1.52 0.00	50.84 -1.73 0.00	49.19 -1.63 0.00	47.66 -1.88 0.00	47.84 -1.68 0.00	48.00 -1.74 0.00	51.01 -1.80 0.00	52.04 -1.77 0.00	55.14 -1.65 0.00	56.30 -1.50 0.00	51.06 -1.80 0.00	49.19 -1.47 0.00	44.88 -1.39 0.00
NEG CENTRAL___DRP 24199	47.57 -0.10 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.65 -0.04 0.00	39.68 -0.24 0.00	43.49 -0.13 0.00	50.06 -0.05 0.00	54.80 -0.05 0.00	56.68 0.00 0.00	56.55 -0.17 0.00	56.30 -0.06 0.00	56.11 -0.17 0.00	52.41 -0.16 0.00	50.77 -0.05 0.00	49.30 -0.25 0.00	49.42 -0.10 0.00	49.69 -0.05 0.00	52.60 -0.21 0.00	53.76 -0.05 0.00	57.07 0.28 0.00	58.09 0.29 0.00	52.81 -0.05 0.00	50.86 0.20 0.00	46.36 0.09 0.00
NEG CENTRAL___INDECK 23768	48.29 0.62 0.00	43.82 0.13 0.00	42.65 0.17 0.00	41.06 0.37 0.00	40.08 0.16 0.00	43.75 0.13 0.00	50.21 0.10 0.00	55.02 0.17 0.00	56.79 0.11 0.00	57.01 0.29 0.00	56.02 -0.34 0.00	56.11 -0.17 0.00	52.05 -0.53 0.00	50.31 -0.51 0.00	48.65 -0.89 0.00	48.98 -0.54 0.00	49.30 -0.45 0.00	52.65 -0.16 0.00	54.03 0.22 0.00	57.64 0.85 0.00	58.96 1.16 0.00	53.44 0.58 0.00	51.52 0.86 0.00	46.91 0.65 0.00
NEG CENTRAL___SENECA 23627	47.71 0.05 0.00	43.69 0.00 0.00	42.48 0.00 0.00	40.77 0.08 0.00	39.72 -0.20 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	54.85 0.00 0.00	56.73 0.06 0.00	56.55 -0.17 0.00	56.30 -0.06 0.00	56.11 -0.17 0.00	52.47 -0.11 0.00	50.87 0.05 0.00	49.30 -0.25 0.00	49.52 0.00 0.00	49.74 0.00 0.00	52.65 -0.16 0.00	53.82 0.00 0.00	57.19 0.40 0.00	58.27 0.46 0.00	52.91 0.05 0.00	51.06 0.41 0.00	46.54 0.28 0.00
NEG CENTRAL___STATE_STREET 24147	47.67 0.00 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.69 0.00 0.00	39.80 -0.12 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	55.02 0.16 0.00	56.96 0.28 0.00	56.95 0.23 0.00	56.64 0.28 0.00	56.45 0.17 0.00	52.62 0.05 0.00	51.03 0.20 0.00	49.59 0.05 0.00	49.67 0.15 0.00	49.89 0.15 0.00	52.97 0.16 0.00	54.09 0.27 0.00	57.30 0.51 0.00	58.32 0.52 0.00	53.07 0.21 0.00	50.91 0.25 0.00	46.36 0.09 0.00
NEG MILLWOOD___DRP 24198	50.05 2.38 0.00	45.74 2.05 0.00	44.52 2.04 0.00	42.52 1.83 0.00	41.84 1.92 0.00	45.63 2.01 0.00	52.56 2.46 0.00	57.54 2.69 0.00	59.97 3.29 0.00	60.07 3.35 0.00	59.96 3.61 0.00	59.66 3.38 0.00	55.73 3.15 0.00	53.67 2.85 0.00	52.52 2.97 0.00	52.35 2.82 0.00	52.63 2.89 0.00	55.92 3.12 0.00	56.78 2.96 0.00	60.31 3.52 0.00	61.33 3.53 0.00	55.66 2.80 0.00	53.19 2.53 0.00	48.58 2.31 0.00
NEG NORTH_FLCN_SEA 23793	48.72 1.05 0.00	44.91 1.22 0.00	43.62 1.15 0.00	41.83 1.14 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.21 1.10 0.00	55.95 1.10 0.00	57.58 0.91 0.00	57.75 1.02 0.00	57.20 0.85 0.00	57.18 0.90 0.00	53.62 1.05 0.00	51.84 1.02 0.00	50.44 0.89 0.00	50.41 0.89 0.00	50.59 0.85 0.00	53.65 0.84 0.00	54.68 0.86 0.00	57.30 0.51 0.00	58.50 0.69 0.00	54.08 1.22 0.00	51.87 1.22 0.00	47.33 1.06 0.00
NEG NORTH_KES_CHATEGAY 23792	48.24 0.57 0.00	44.48 0.79 0.00	43.20 0.72 0.00	41.38 0.69 0.00	40.60 0.68 0.00	44.32 0.70 0.00	50.71 0.60 0.00	55.34 0.49 0.00	56.96 0.28 0.00	57.07 0.34 0.00	56.47 0.11 0.00	56.45 0.17 0.00	52.94 0.37 0.00	51.23 0.41 0.00	49.84 0.30 0.00	49.82 0.30 0.00	49.99 0.25 0.00	53.07 0.26 0.00	54.09 0.27 0.00	56.67 -0.11 0.00	57.80 0.00 0.00	53.49 0.63 0.00	51.31 0.66 0.00	46.82 0.56 0.00
NEG NORTH___ALICE_FALLS 23915	48.81 1.14 0.00	45.00 1.31 0.00	43.71 1.23 0.00	41.87 1.18 0.00	41.08 1.16 0.00	44.89 1.27 0.00	51.31 1.20 0.00	56.06 1.21 0.00	57.75 1.08 0.00	57.92 1.19 0.00	57.31 0.96 0.00	57.30 1.01 0.00	53.73 1.16 0.00	51.99 1.17 0.00	50.54 0.99 0.00	50.51 0.99 0.00	50.69 0.95 0.00	53.76 0.95 0.00	54.79 0.97 0.00	57.47 0.68 0.00	58.67 0.87 0.00	54.23 1.37 0.00	51.97 1.32 0.00	47.37 1.11 0.00
NEG NORTH___LWR_SARANAC 23913	48.81 1.14 0.00	45.00 1.31 0.00	43.71 1.23 0.00	41.87 1.18 0.00	41.08 1.16 0.00	44.89 1.27 0.00	51.31 1.20 0.00	56.06 1.21 0.00	57.75 1.08 0.00	57.92 1.19 0.00	57.31 0.96 0.00	57.30 1.01 0.00	53.73 1.16 0.00	51.99 1.17 0.00	50.54 0.99 0.00	50.51 0.99 0.00	50.69 0.95 0.00	53.76 0.95 0.00	54.79 0.97 0.00	57.47 0.68 0.00	58.67 0.87 0.00	54.23 1.37 0.00	51.97 1.32 0.00	47.37 1.11 0.00
NEG NORTH___PLATTSBURG 23628	48.81 1.14 0.00	45.00 1.31 0.00	43.71 1.23 0.00	41.87 1.18 0.00	41.08 1.16 0.00	44.89 1.27 0.00	51.31 1.20 0.00	56.06 1.21 0.00	57.75 1.07 0.00	57.58 0.85 0.00	57.31 0.96 0.00	57.07 0.79 0.00	53.73 1.16 0.00	51.99 1.17 0.00	50.53 0.99 0.00	50.51 0.99 0.00	50.69 0.94 0.00	53.76 0.95 0.00	54.79 0.97 0.00	57.47 0.68 0.00	58.67 0.87 0.00	54.23 1.37 0.00	51.97 1.31 0.00	47.37 1.11 0.00
NEG WEST_LEA_LOCKPORT 23791	44.76 -2.91 0.00	41.16 -2.53 0.00	40.01 -2.46 0.00	38.54 -2.16 0.00	37.05 -2.87 0.00	40.74 -2.88 0.00	46.85 -3.26 0.00	51.18 -3.68 0.00	53.05 -3.63 0.00	52.24 -4.48 0.00	52.75 -3.61 0.00	52.46 -3.83 0.00	49.00 -3.57 0.00	47.62 -3.20 0.00	45.93 -3.62 0.00	46.50 -3.02 0.00	46.76 -2.98 0.00	49.53 -3.27 0.00	50.70 -3.12 0.00	53.95 -2.84 0.00	54.86 -2.95 0.00	49.90 -2.96 0.00	48.17 -2.48 0.00	44.18 -2.08 0.00
NEG WEST___LANCASTER 23811	45.43 -2.24 0.00	41.72 -1.97 0.00	40.57 -1.91 0.00	39.02 -1.67 0.00	37.65 -2.28 0.00	41.44 -2.18 0.00	47.75 -2.35 0.00	52.44 -2.41 0.00	54.13 -2.55 0.00	53.43 -3.29 0.00	53.76 -2.59 0.00	53.47 -2.81 0.00	49.94 -2.63 0.00	48.54 -2.29 0.00	46.77 -2.77 0.00	47.29 -2.23 0.00	47.56 -2.19 0.00	50.43 -2.38 0.00	51.61 -2.21 0.00	55.03 -1.76 0.00	55.90 -1.91 0.00	50.80 -2.06 0.00	48.93 -1.72 0.00	44.74 -1.53 0.00
NEG_PENN_ALLEGHNY 23528	47.81 0.14 0.00	43.69 0.00 0.00	42.48 0.00 0.00	40.73 0.04 0.00	39.88 -0.04 0.00	43.62 0.00 0.00	50.16 0.05 0.00	55.02 0.17 0.00	56.91 0.23 0.00	57.12 0.40 0.00	56.58 0.23 0.00	56.57 0.28 0.00	52.68 0.11 0.00	50.98 0.15 0.00	49.50 -0.05 0.00	49.62 0.10 0.00	49.89 0.15 0.00	52.91 0.11 0.00	53.98 0.16 0.00	57.30 0.51 0.00	58.32 0.52 0.00	53.02 0.16 0.00	50.86 0.20 0.00	46.45 0.19 0.00
NEG___GEN_MONROE 24207	46.24 -1.43 0.00	42.33 -1.35 0.00	41.24 -1.23 0.00	39.72 -0.98 0.00	38.48 -1.44 0.00	42.23 -1.40 0.00	48.45 -1.65 0.00	52.99 -1.86 0.00	54.86 -1.81 0.00	54.40 -2.33 0.00	54.49 -1.86 0.00	54.31 -1.97 0.00	50.63 -1.95 0.00	49.15 -1.68 0.00	47.61 -1.93 0.00	47.89 -1.63 0.00	48.05 -1.69 0.00	51.01 -1.80 0.00	52.15 -1.67 0.00	55.54 -1.25 0.00	56.59 -1.21 0.00	51.38 -1.48 0.00	49.59 -1.06 0.00	45.38 -0.88 0.00

NEPA__ENERGY 23901	46.09 -1.57 0.00	42.33 -1.35 0.00	41.16 -1.32 0.00	39.59 -1.10 0.00	38.24 -1.68 0.00	42.05 -1.57 0.00	48.45 -1.65 0.00	53.15 -1.70 0.00	54.81 -1.87 0.00	54.12 -2.61 0.00	54.44 -1.92 0.00	54.09 -2.20 0.00	50.52 -2.05 0.00	49.09 -1.73 0.00	47.36 -2.18 0.00	47.84 -1.68 0.00	48.15 -1.59 0.00	51.01 -1.80 0.00	52.26 -1.56 0.00	55.71 -1.08 0.00	56.59 -1.21 0.00	51.38 -1.48 0.00	49.49 -1.17 0.00	45.38 -0.88 0.00
NEVERSink__HYD 23608	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.32 1.63 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.16 2.06 0.00	57.21 2.36 0.00	59.51 2.83 0.00	59.67 2.95 0.00	59.40 3.04 0.00	59.26 2.98 0.00	55.25 2.68 0.00	53.26 2.44 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.23 2.49 0.00	55.50 2.69 0.00	56.45 2.64 0.00	60.02 3.24 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00
NEWKRMKL_115KV_TB1 55635	48.24 0.57 0.00	44.21 0.52 0.00	43.03 0.55 0.00	41.22 0.53 0.00	40.52 0.60 0.00	44.15 0.52 0.00	50.86 0.75 0.00	55.67 0.82 0.00	57.70 1.02 0.00	57.75 1.02 0.00	57.48 1.13 0.00	57.18 0.90 0.00	53.31 0.74 0.00	51.53 0.71 0.00	50.34 0.79 0.00	50.32 0.79 0.00	50.59 0.85 0.00	53.71 0.90 0.00	54.73 0.91 0.00	57.98 1.19 0.00	58.96 1.16 0.00	53.55 0.69 0.00	51.26 0.61 0.00	46.82 0.56 0.00
NEWTON__FALLS_HYD 23847	47.00 -0.67 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.64 -0.28 0.00	43.32 -0.31 0.00	49.30 -0.80 0.00	53.81 -1.04 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.36 -1.21 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.24 -1.29 0.00	48.40 -1.34 0.00	51.43 -1.37 0.00	52.69 -1.13 0.00	55.71 -1.08 0.00	56.71 -1.10 0.00	52.28 -0.58 0.00	50.00 -0.66 0.00	45.57 -0.69 0.00
NGRID_A1_DSASP 323792	44.71 -2.96 0.00	40.50 -3.19 0.00	39.46 -3.01 0.00	38.05 -2.64 0.00	37.01 -2.91 0.00	40.30 -3.32 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.26 -4.42 0.00	52.64 -4.08 0.00	52.02 -4.34 0.00	52.29 -3.99 0.00	48.68 -3.89 0.00	47.06 -3.76 0.00	45.33 -4.21 0.00	45.91 -3.61 0.00	46.16 -3.58 0.00	48.96 -3.85 0.00	50.00 -3.82 0.00	53.10 -3.69 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.47 -3.19 0.00	43.58 -2.68 0.00
NGRID_A2_DSASP 323793	44.71 -2.96 0.00	40.50 -3.19 0.00	39.46 -3.01 0.00	38.05 -2.64 0.00	37.01 -2.91 0.00	40.30 -3.32 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.26 -4.42 0.00	52.64 -4.08 0.00	52.02 -4.34 0.00	52.29 -3.99 0.00	48.68 -3.89 0.00	47.06 -3.76 0.00	45.33 -4.21 0.00	45.91 -3.61 0.00	46.16 -3.58 0.00	48.96 -3.85 0.00	50.00 -3.82 0.00	53.10 -3.69 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.47 -3.19 0.00	43.58 -2.68 0.00
NGRID_A4_DSASP 323807	44.71 -2.96 0.00	40.50 -3.19 0.00	39.46 -3.01 0.00	38.05 -2.64 0.00	37.01 -2.91 0.00	40.30 -3.32 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.26 -4.42 0.00	52.64 -4.08 0.00	52.02 -4.34 0.00	52.29 -3.99 0.00	48.68 -3.89 0.00	47.06 -3.76 0.00	45.33 -4.21 0.00	45.91 -3.61 0.00	46.16 -3.58 0.00	48.96 -3.85 0.00	50.00 -3.82 0.00	53.10 -3.69 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.47 -3.19 0.00	43.58 -2.68 0.00
NIAGARA_115E_LBMP 323715	44.52 -3.15 0.00	40.37 -3.32 0.00	39.29 -3.19 0.00	37.89 -2.81 0.00	36.85 -3.07 0.00	40.13 -3.49 0.00	46.05 -4.06 0.00	50.24 -4.61 0.00	52.09 -4.59 0.00	52.47 -4.26 0.00	51.84 -4.51 0.00	52.12 -4.16 0.00	48.52 -4.05 0.00	46.86 -3.96 0.00	45.13 -4.41 0.00	45.71 -3.81 0.00	45.96 -3.78 0.00	48.74 -4.07 0.00	49.84 -3.98 0.00	52.92 -3.86 0.00	53.87 -3.93 0.00	49.00 -3.86 0.00	47.31 -3.34 0.00	43.44 -2.82 0.00
NIAGARA_115W_LBMP 323714	44.57 -3.10 0.00	40.37 -3.32 0.00	39.33 -3.14 0.00	37.92 -2.77 0.00	36.89 -3.04 0.00	40.17 -3.45 0.00	46.05 -4.06 0.00	50.24 -4.61 0.00	52.09 -4.59 0.00	52.47 -4.26 0.00	51.84 -4.51 0.00	52.12 -4.16 0.00	48.52 -4.05 0.00	46.91 -3.91 0.00	45.18 -4.36 0.00	45.76 -3.77 0.00	46.01 -3.73 0.00	48.79 -4.02 0.00	49.84 -3.98 0.00	52.92 -3.86 0.00	53.87 -3.93 0.00	49.00 -3.86 0.00	47.31 -3.34 0.00	43.44 -2.82 0.00
NIAGARA_230_LBMP 323716	45.00 -2.67 0.00	40.80 -2.88 0.00	39.72 -2.76 0.00	38.29 -2.40 0.00	37.25 -2.67 0.00	40.57 -3.05 0.00	46.55 -3.56 0.00	50.79 -4.06 0.00	52.65 -4.02 0.00	53.04 -3.69 0.00	52.35 -4.00 0.00	52.68 -3.60 0.00	48.99 -3.58 0.00	47.42 -3.40 0.00	45.68 -3.86 0.00	46.21 -3.32 0.00	46.46 -3.28 0.00	49.27 -3.54 0.00	50.32 -3.50 0.00	53.49 -3.30 0.00	54.45 -3.35 0.00	49.48 -3.38 0.00	47.77 -2.89 0.00	43.91 -2.36 0.00
NIAGARA__115KV_198_GIBSON 55903	44.00 -3.67 0.00	40.46 -3.23 0.00	39.38 -3.10 0.00	37.93 -2.77 0.00	36.41 -3.51 0.00	40.04 -3.58 0.00	46.05 -4.06 0.00	50.24 -4.61 0.00	52.14 -4.53 0.00	51.28 -5.45 0.00	51.85 -4.51 0.00	51.50 -4.78 0.00	48.16 -4.42 0.00	46.86 -3.96 0.00	45.18 -4.36 0.00	45.76 -3.76 0.00	46.01 -3.73 0.00	48.74 -4.07 0.00	49.83 -3.98 0.00	52.98 -3.80 0.00	53.87 -3.93 0.00	49.00 -3.86 0.00	47.36 -3.29 0.00	43.44 -2.82 0.00
NIAGARA____ 23760	45.00 -2.67 0.00	40.80 -2.88 0.00	39.72 -2.76 0.00	38.29 -2.40 0.00	37.25 -2.67 0.00	40.57 -3.05 0.00	46.55 -3.56 0.00	50.79 -4.06 0.00	52.65 -4.02 0.00	53.04 -3.69 0.00	52.35 -4.00 0.00	52.68 -3.60 0.00	48.99 -3.58 0.00	47.42 -3.40 0.00	45.68 -3.86 0.00	46.21 -3.32 0.00	46.46 -3.28 0.00	49.27 -3.54 0.00	50.32 -3.50 0.00	53.49 -3.30 0.00	54.45 -3.35 0.00	49.48 -3.38 0.00	47.77 -2.89 0.00	43.91 -2.36 0.00
NINE_MILE_1 23575	46.62 -1.05 0.00	42.64 -1.05 0.00	41.46 -1.02 0.00	39.76 -0.93 0.00	38.96 -0.96 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.53 -1.32 0.00	55.38 -1.30 0.00	55.53 -1.19 0.00	55.11 -1.24 0.00	55.04 -1.24 0.00	51.31 -1.26 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.33 -1.19 0.00	48.50 -1.24 0.00	51.49 -1.32 0.00	52.53 -1.29 0.00	55.54 -1.25 0.00	56.53 -1.27 0.00	51.54 -1.32 0.00	49.44 -1.22 0.00	45.15 -1.11 0.00
NINE_MILE_2 23744	46.62 -1.05 0.00	42.64 -1.05 0.00	41.46 -1.02 0.00	39.76 -0.93 0.00	38.96 -0.96 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.53 -1.32 0.00	55.38 -1.30 0.00	55.53 -1.19 0.00	55.11 -1.24 0.00	55.04 -1.24 0.00	51.31 -1.26 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.33 -1.19 0.00	48.50 -1.24 0.00	51.49 -1.32 0.00	52.53 -1.29 0.00	55.54 -1.25 0.00	56.53 -1.27 0.00	51.59 -1.27 0.00	49.44 -1.22 0.00	45.15 -1.11 0.00
NM_CAPITAL__DRP 24208	48.43 0.76 0.00	44.34 0.66 0.00	43.16 0.68 0.00	41.34 0.65 0.00	40.64 0.72 0.00	44.28 0.65 0.00	51.01 0.90 0.00	55.89 1.04 0.00	57.87 1.19 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.35 1.07 0.00	53.47 0.89 0.00	51.69 0.86 0.00	50.49 0.94 0.00	50.46 0.94 0.00	50.79 1.04 0.00	53.92 1.11 0.00	54.89 1.08 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.76 0.90 0.00	51.47 0.81 0.00	47.00 0.74 0.00

NM_CENTRAL___DRP 24181	47.33 -0.33 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.52 -0.40 0.00	43.23 -0.39 0.00	49.76 -0.35 0.00	54.52 -0.33 0.00	56.45 -0.23 0.00	56.44 -0.28 0.00	56.19 -0.17 0.00	56.06 -0.23 0.00	52.26 -0.32 0.00	50.57 -0.25 0.00	49.20 -0.35 0.00	49.23 -0.30 0.00	49.45 -0.30 0.00	52.44 -0.37 0.00	53.49 -0.32 0.00	56.67 -0.11 0.00	57.69 -0.12 0.00	52.54 -0.32 0.00	50.35 -0.30 0.00	45.94 -0.32 0.00
NM_FRONTIER___DRP 24179	44.00 -3.67 0.00	40.46 -3.23 0.00	39.38 -3.10 0.00	37.93 -2.77 0.00	36.41 -3.51 0.00	40.04 -3.58 0.00	46.05 -4.06 0.00	50.24 -4.61 0.00	52.14 -4.53 0.00	51.28 -5.45 0.00	51.85 -4.51 0.00	51.50 -4.78 0.00	48.16 -4.42 0.00	46.86 -3.96 0.00	45.18 -4.36 0.00	45.76 -3.76 0.00	46.01 -3.73 0.00	48.74 -4.07 0.00	49.83 -3.98 0.00	52.98 -3.80 0.00	53.87 -3.93 0.00	49.00 -3.86 0.00	47.36 -3.29 0.00	43.44 -2.82 0.00
NM_ST_REGIS___HYD 24053	47.05 -0.62 0.00	43.56 -0.13 0.00	42.31 -0.17 0.00	40.53 -0.16 0.00	39.80 -0.12 0.00	43.49 -0.13 0.00	49.40 -0.70 0.00	53.92 -0.93 0.00	55.43 -1.25 0.00	55.65 -1.08 0.00	55.00 -1.35 0.00	55.04 -1.24 0.00	51.68 -0.89 0.00	49.96 -0.86 0.00	48.55 -0.99 0.00	48.53 -0.99 0.00	48.65 -1.09 0.00	51.65 -1.16 0.00	52.69 -1.13 0.00	55.25 -1.53 0.00	56.42 -1.39 0.00	52.23 -0.63 0.00	50.05 -0.61 0.00	45.62 -0.65 0.00
NORTHPORT___1 23551	48.95 1.29 0.00	44.82 1.13 0.00	43.45 0.98 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.58 0.96 0.00	51.16 1.05 0.00	54.99 0.66 0.52	58.09 1.42 0.00	58.31 1.59 0.00	57.59 1.24 0.00	57.51 1.24 0.00	53.56 1.00 0.00	51.73 0.92 0.00	50.68 1.14 0.00	50.66 1.14 0.00	51.03 1.29 0.00	54.12 1.32 0.00	55.10 1.29 0.00	58.26 1.47 0.00	59.26 1.73 0.28	53.65 0.79 0.01	51.46 0.81 0.01	47.51 1.25 0.00
NORTHPORT___2 23552	48.95 1.29 0.00	44.82 1.13 0.00	43.45 0.98 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.58 0.96 0.00	51.16 1.05 0.00	54.99 0.66 0.52	58.09 1.42 0.00	58.31 1.59 0.00	57.59 1.24 0.00	57.51 1.24 0.00	53.56 1.00 0.00	51.73 0.92 0.00	50.68 1.14 0.00	50.66 1.14 0.00	51.03 1.29 0.00	54.12 1.32 0.00	55.10 1.29 0.00	58.26 1.47 0.00	59.26 1.73 0.28	53.65 0.79 0.01	51.46 0.81 0.01	47.51 1.25 0.00
NORTHPORT___3 23553	49.19 1.52 0.00	45.18 1.49 0.00	43.79 1.32 0.00	41.71 1.02 0.00	41.04 1.12 0.00	44.93 1.31 0.00	51.16 1.05 0.00	55.10 0.77 0.52	58.20 1.53 0.00	58.42 1.70 0.00	57.87 1.52 0.00	57.85 1.57 0.00	53.88 1.31 0.00	51.99 1.17 0.00	51.02 1.48 0.00	50.96 1.44 0.00	51.23 1.49 0.00	54.28 1.48 0.00	55.16 1.35 0.00	58.43 1.65 0.00	59.50 1.97 0.27	53.80 0.95 0.01	51.46 0.81 0.01	47.56 1.29 0.00
NORTHPORT___4 23650	49.19 1.52 0.00	45.18 1.49 0.00	43.79 1.32 0.00	41.71 1.02 0.00	41.04 1.12 0.00	44.93 1.31 0.00	51.16 1.05 0.00	55.10 0.77 0.52	58.20 1.53 0.00	58.42 1.70 0.00	57.87 1.52 0.00	57.85 1.57 0.00	53.88 1.31 0.00	51.99 1.17 0.00	51.02 1.48 0.00	50.96 1.44 0.00	51.23 1.49 0.00	54.28 1.48 0.00	55.16 1.35 0.00	58.43 1.65 0.00	59.50 1.97 0.27	53.80 0.95 0.01	51.46 0.81 0.01	47.56 1.29 0.00
NORTHPORT___IC 23718	49.00 1.33 0.00	44.83 1.14 0.00	43.41 0.93 0.00	41.43 0.73 0.00	41.00 1.08 0.00	44.97 1.35 0.00	51.16 1.05 0.00	54.99 0.66 0.52	58.26 1.59 0.00	58.25 1.53 0.00	57.59 1.24 0.00	57.46 1.18 0.00	53.78 1.21 0.00	51.68 0.86 0.00	50.93 1.39 0.00	50.66 1.14 0.00	51.03 1.29 0.00	54.39 1.58 0.00	55.10 1.29 0.00	58.20 1.42 0.00	59.26 1.73 0.28	53.64 0.79 0.01	51.46 0.81 0.01	47.47 1.20 0.00
NORTH___COUNTRY_ESR 323785	48.14 0.48 0.00	44.35 0.66 0.00	43.07 0.59 0.00	41.30 0.61 0.00	40.48 0.56 0.00	44.23 0.61 0.00	50.56 0.45 0.00	55.24 0.39 0.00	56.85 0.17 0.00	56.61 -0.11 0.00	56.35 0.00 0.00	56.17 -0.11 0.00	52.89 0.32 0.00	51.18 0.36 0.00	49.79 0.25 0.00	49.77 0.25 0.00	49.94 0.20 0.00	52.97 0.16 0.00	53.98 0.16 0.00	56.50 -0.28 0.00	57.69 -0.12 0.00	53.39 0.53 0.00	51.16 0.51 0.00	46.68 0.42 0.00
NPX_GEN_1385_PROXY 323591	48.57 0.90 0.00	44.52 0.83 0.00	43.15 0.68 0.00	41.10 0.41 0.00	40.44 0.52 0.00	43.93 0.31 0.00	50.76 0.65 0.00	55.14 0.00 -0.29	56.97 0.79 0.50	57.36 0.96 0.33	56.97 0.62 0.00	56.50 0.23 0.00	52.57 0.00 0.00	50.97 0.15 0.00	49.79 0.25 0.00	50.11 0.60 0.00	50.64 0.90 0.00	53.70 0.90 0.00	54.94 1.13 0.00	57.41 0.63 0.00	58.45 0.92 0.28	53.27 0.42 0.01	51.10 0.45 0.01	47.14 0.88 0.00
NPX_GEN_CSC 323557	48.14 0.48 0.00	44.13 0.44 0.00	42.73 0.26 0.00	40.65 -0.04 0.00	40.04 0.12 0.00	43.89 0.26 0.00	51.41 1.30 0.00	56.19 1.04 -0.30	57.83 1.64 0.50	58.16 1.76 0.33	57.08 0.73 0.00	57.12 0.85 0.00	53.09 0.53 0.00	51.18 0.36 0.00	50.18 0.64 0.00	50.21 0.69 0.00	50.53 0.79 0.00	53.75 0.95 0.00	54.83 1.02 0.00	58.03 1.25 0.00	58.98 1.45 0.27	53.17 0.32 0.01	51.61 0.96 0.01	47.56 1.29 0.00
NSINS_S_GLNS_FALLS 23858	50.38 2.72 0.00	46.14 2.45 0.00	44.90 2.42 0.00	42.93 2.24 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.96 2.86 0.00	57.98 3.13 0.00	60.08 3.40 0.00	60.24 3.52 0.00	60.13 3.78 0.00	59.72 3.43 0.00	55.36 2.79 0.00	53.67 2.85 0.00	52.37 2.82 0.00	52.40 2.87 0.00	52.78 3.03 0.00	56.03 3.22 0.00	57.15 3.34 0.00	60.76 3.98 0.00	61.73 3.93 0.00	55.82 2.96 0.00	53.49 2.84 0.00	48.76 2.50 0.00
NUCOR_STEEL___DRP 24197	47.81 0.14 0.00	43.78 0.09 0.00	42.56 0.08 0.00	40.82 0.12 0.00	39.92 0.00 0.00	43.71 0.09 0.00	50.31 0.20 0.00	55.18 0.33 0.00	57.13 0.45 0.00	57.07 0.34 0.00	56.75 0.39 0.00	56.62 0.34 0.00	52.73 0.16 0.00	51.13 0.30 0.00	49.69 0.15 0.00	49.77 0.25 0.00	49.94 0.20 0.00	53.02 0.21 0.00	54.09 0.27 0.00	57.36 0.57 0.00	58.38 0.58 0.00	53.18 0.32 0.00	51.01 0.35 0.00	46.49 0.23 0.00
NUMBER_THREE_WT_PWR 323818	48.00 0.34 0.00	44.08 0.39 0.00	42.86 0.38 0.00	41.06 0.37 0.00	40.32 0.40 0.00	44.06 0.44 0.00	50.46 0.35 0.00	55.13 0.28 0.00	56.96 0.28 0.00	57.07 0.34 0.00	56.47 0.11 0.00	56.17 -0.11 0.00	52.52 -0.05 0.00	50.72 -0.10 0.00	49.40 -0.15 0.00	49.38 -0.15 0.00	49.55 -0.20 0.00	52.70 -0.11 0.00	54.09 0.27 0.00	57.52 0.74 0.00	58.50 0.70 0.00	53.50 0.64 0.00	51.11 0.45 0.00	46.59 0.33 0.00
NYISO_LBMP_REFERENCE 24008	47.67 0.00 0.00	43.69 0.00 0.00	42.48 0.00 0.00	40.69 0.00 0.00	39.92 0.00 0.00	43.62 0.00 0.00	50.11 0.00 0.00	54.85 0.00 0.00	56.68 0.00 0.00	56.72 0.00 0.00	56.35 0.00 0.00	56.28 0.00 0.00	52.57 0.00 0.00	50.82 0.00 0.00	49.54 0.00 0.00	49.52 0.00 0.00	49.74 0.00 0.00	52.81 0.00 0.00	53.82 0.00 0.00	56.79 0.00 0.00	57.80 0.00 0.00	52.86 0.00 0.00	50.66 0.00 0.00	46.26 0.00 0.00

NYPA_BRENTWD____GT 24164	49.38 1.71 0.00	45.26 1.57 0.00	43.84 1.36 0.00	41.75 1.06 0.00	41.08 1.16 0.00	45.02 1.40 0.00	51.76 1.65 0.00	55.77 1.42 0.51	58.88 2.21 0.00	59.10 2.38 0.00	58.44 2.09 0.00	58.42 2.14 0.00	54.30 1.73 0.00	52.40 1.58 0.00	51.37 1.83 0.00	51.35 1.83 0.00	51.68 1.94 0.00	54.92 2.11 0.00	55.91 2.10 0.00	59.22 2.44 0.00	60.20 2.66 0.27	54.39 1.53 0.01	52.22 1.57 0.01	48.12 1.85 0.00
NYPA_GOWANUS____GT5 24156	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NYPA_GOWANUS____GT6 24157	50.90 3.15 -0.09	50.83 2.88 -4.25	50.82 2.80 -5.54	50.81 2.57 -7.55	50.80 2.56 -8.32	50.78 2.83 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.77 4.08 -0.01	61.04 4.31 -0.01	61.66 4.51 -0.80	62.71 4.45 -1.98	58.92 3.99 -2.35	56.69 3.81 -2.05	54.99 3.91 -1.53	55.47 3.87 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.91 4.09 -0.01	61.45 4.66 -0.01	62.63 4.80 -0.03	56.62 3.75 -0.01	57.14 3.45 -3.04	51.58 3.19 -2.12
NYPA_HARLEM__RVR__GT1 24160	50.73 3.05 -0.01	46.41 2.71 -0.01	45.08 2.59 -0.01	43.10 2.40 -0.01	42.32 2.40 -0.01	46.25 2.62 -0.01	53.32 3.21 -0.01	58.48 3.62 -0.01	60.50 3.80 -0.02	60.71 3.97 -0.02	60.49 4.11 -0.02	60.41 4.11 -0.02	56.22 3.62 -0.02	54.30 3.46 -0.02	53.08 3.52 -0.02	53.01 3.47 -0.02	53.29 3.53 -0.01	56.57 3.75 -0.01	57.60 3.77 -0.02	61.12 4.31 -0.02	62.29 4.45 -0.04	56.57 3.70 -0.01	54.06 3.39 -0.01	49.37 3.10 -0.01
NYPA_HARLEM__RVR__GT2 24161	50.73 3.05 -0.01	46.41 2.71 -0.01	45.08 2.59 -0.01	43.10 2.40 -0.01	42.32 2.40 -0.01	46.25 2.62 -0.01	53.32 3.21 -0.01	58.48 3.62 -0.01	60.50 3.80 -0.02	60.71 3.97 -0.02	60.49 4.11 -0.02	60.41 4.11 -0.02	56.22 3.62 -0.02	54.30 3.46 -0.02	53.08 3.52 -0.02	53.01 3.47 -0.02	53.29 3.53 -0.01	56.57 3.75 -0.01	57.60 3.77 -0.02	61.12 4.31 -0.02	62.29 4.45 -0.04	56.57 3.70 -0.01	54.06 3.39 -0.01	49.37 3.10 -0.01
NYPA_KENT____GT 24152	50.80 3.00 -0.13	52.82 2.75 -6.38	53.41 2.63 -8.30	54.41 2.40 -11.32	54.80 2.40 -12.48	52.81 2.71 -6.48	53.27 3.16 -0.01	58.32 3.46 -0.01	60.59 3.91 -0.01	60.87 4.14 -0.01	61.82 4.28 -1.19	63.52 4.28 -2.96	59.88 3.79 -3.52	57.55 3.66 -3.06	52.52 3.72 0.74	56.30 3.66 -3.11	54.36 3.73 -0.88	57.68 3.85 -1.02	57.70 3.88 -0.01	61.23 4.43 -0.01	62.40 4.57 -0.03	56.46 3.60 -0.01	58.55 3.34 -4.55	52.50 3.05 -3.18
NYPA_POUCH1____GT 24155	50.76 3.00 -0.09	50.70 2.75 -4.25	50.69 2.68 -5.54	50.68 2.44 -7.55	50.68 2.44 -8.32	50.70 2.75 -4.33	53.22 3.11 -0.01	58.26 3.40 -0.01	60.54 3.86 -0.01	60.82 4.09 -0.01	61.49 4.34 -0.80	62.54 4.28 -1.98	58.76 3.84 -2.35	56.53 3.66 -2.05	54.79 3.72 -1.53	55.26 3.66 -2.08	54.12 3.78 -0.59	59.72 3.85 -3.06	57.70 3.88 -0.01	61.28 4.49 -0.01	62.46 4.63 -0.03	56.46 3.60 -0.01	56.94 3.24 -3.04	51.44 3.05 -2.12
NYPA_VERNON____GT2 24162	50.54 2.86 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.15 3.29 -0.01	60.48 3.80 -0.01	60.70 3.97 -0.01	60.47 4.11 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.29 3.53 0.09	56.36 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.25 3.39 -0.01	53.86 3.19 -0.01	49.19 2.92 -0.01
NYPA_VERNON____GT3 24163	50.54 2.86 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.15 3.29 -0.01	60.48 3.80 -0.01	60.70 3.97 -0.01	60.47 4.11 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.29 3.53 0.09	56.36 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.25 3.39 -0.01	53.86 3.19 -0.01	49.19 2.92 -0.01
NYPA__ASTORIA_CC1 323568	50.58 2.91 -0.01	46.32 2.62 -0.01	44.99 2.51 -0.01	43.02 2.32 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.17 3.06 -0.01	58.21 3.35 -0.01	60.42 3.74 -0.01	60.70 3.97 -0.01	60.42 4.06 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.46 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.30 3.43 -0.01	53.91 3.24 -0.01	49.19 2.92 -0.01
NYPA__ASTORIA_CC2 323569	50.58 2.91 -0.01	46.32 2.62 -0.01	44.99 2.51 -0.01	43.02 2.32 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.17 3.06 -0.01	58.21 3.35 -0.01	60.42 3.74 -0.01	60.70 3.97 -0.01	60.42 4.06 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.34 3.58 -0.01	56.46 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.30 3.43 -0.01	53.91 3.24 -0.01	49.19 2.92 -0.01
NYPA__HOLTSVILL 23794	48.81 1.14 0.00	44.74 1.05 0.00	43.33 0.85 0.00	41.26 0.57 0.00	40.60 0.68 0.00	44.49 0.87 0.00	51.41 1.30 0.00	55.38 1.04 0.52	58.43 1.76 0.00	58.59 1.87 0.00	57.76 1.41 0.00	57.80 1.52 0.00	53.72 1.16 0.00	51.83 1.02 0.00	50.83 1.29 0.00	50.80 1.29 0.00	51.13 1.39 0.00	54.34 1.53 0.00	55.32 1.50 0.00	58.60 1.82 0.00	59.55 2.02 0.27	53.80 0.95 0.01	51.76 1.11 0.01	47.74 1.48 0.00
NYPA__HELLGATE_GT1 24158	50.73 3.05 -0.01	46.41 2.71 -0.01	45.08 2.59 -0.01	43.10 2.40 -0.01	42.32 2.40 -0.01	46.25 2.62 -0.01	53.32 3.21 -0.01	58.48 3.62 -0.01	60.48 3.80 -0.01	60.70 3.97 -0.01	60.47 4.11 -0.01	60.40 4.11 -0.01	56.20 3.62 -0.01	54.29 3.46 -0.01	53.07 3.52 -0.01	53.00 3.47 -0.01	53.29 3.53 -0.01	56.57 3.75 -0.01	57.59 3.77 -0.01	61.11 4.31 -0.01	62.28 4.45 -0.03	56.57 3.70 -0.01	54.06 3.39 -0.01	49.37 3.10 -0.01
NYPA__HELLGATE_GT2 24159	50.73 3.05 -0.01	46.41 2.71 -0.01	45.08 2.59 -0.01	43.10 2.40 -0.01	42.32 2.40 -0.01	46.25 2.62 -0.01	53.32 3.21 -0.01	58.48 3.62 -0.01	60.48 3.80 -0.01	60.70 3.97 -0.01	60.47 4.11 -0.01	60.40 4.11 -0.01	56.20 3.62 -0.01	54.29 3.46 -0.01	53.07 3.52 -0.01	53.00 3.47 -0.01	53.29 3.53 -0.01	56.57 3.75 -0.01	57.59 3.77 -0.01	61.11 4.31 -0.01	62.28 4.45 -0.03	56.57 3.70 -0.01	54.06 3.39 -0.01	49.37 3.10 -0.01
NYS_BARGE__HYD 23848	45.29 -2.38 0.00	41.02 -2.67 0.00	39.97 -2.51 0.00	38.54 -2.16 0.00	37.49 -2.44 0.00	40.83 -2.79 0.00	46.80 -3.31 0.00	51.18 -3.67 0.00	52.99 -3.68 0.00	53.38 -3.35 0.00	52.75 -3.61 0.00	53.02 -3.27 0.00	49.31 -3.26 0.00	47.67 -3.15 0.00	45.88 -3.67 0.00	46.45 -3.07 0.00	46.71 -3.04 0.00	49.58 -3.22 0.00	50.69 -3.12 0.00	53.89 -2.89 0.00	54.86 -2.95 0.00	49.85 -3.01 0.00	48.12 -2.53 0.00	44.14 -2.13 0.00

OAK ORCHARD___HYD 24046	46.81 -0.86 0.00	42.55 -1.14 0.00	41.42 -1.06 0.00	39.84 -0.86 0.00	38.88 -1.04 0.00	42.40 -1.22 0.00	48.65 -1.45 0.00	53.26 -1.59 0.00	55.20 -1.47 0.00	55.53 -1.19 0.00	54.95 -1.41 0.00	55.21 -1.07 0.00	51.31 -1.26 0.00	49.60 -1.22 0.00	48.06 -1.49 0.00	48.29 -1.24 0.00	48.45 -1.29 0.00	51.49 -1.32 0.00	52.53 -1.29 0.00	55.77 -1.02 0.00	56.88 -0.93 0.00	51.65 -1.21 0.00	49.79 -0.86 0.00	45.43 -0.83 0.00
OAKDALE___35_KV_LOAD 356122	47.62 -0.05 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.65 -0.04 0.00	39.72 -0.20 0.00	43.49 -0.13 0.00	50.06 -0.05 0.00	54.91 0.05 0.00	56.79 0.11 0.00	56.67 -0.06 0.00	56.47 0.11 0.00	56.28 0.00 0.00	52.47 -0.11 0.00	50.82 0.00 0.00	49.40 -0.15 0.00	49.52 0.00 0.00	49.79 0.05 0.00	52.81 0.00 0.00	53.87 0.05 0.00	57.19 0.40 0.00	58.15 0.35 0.00	52.91 0.05 0.00	50.76 0.10 0.00	46.36 0.09 0.00
OCC_CHEM___DRP 24175	44.14 -3.53 0.00	40.59 -3.10 0.00	39.50 -2.97 0.00	38.05 -2.65 0.00	36.53 -3.39 0.00	40.18 -3.45 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.31 -4.36 0.00	51.45 -5.28 0.00	52.01 -4.34 0.00	51.67 -4.62 0.00	48.31 -4.26 0.00	47.01 -3.81 0.00	45.33 -4.21 0.00	45.91 -3.62 0.00	46.16 -3.58 0.00	48.90 -3.91 0.00	50.00 -3.82 0.00	53.15 -3.63 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.52 -3.14 0.00	43.58 -2.68 0.00
OH_GEN_PROXY 24063	45.05 -2.62 0.00	40.85 -2.84 0.00	39.76 -2.72 0.00	38.33 -2.36 0.00	37.33 -2.59 0.00	40.61 -3.01 0.00	46.60 -3.51 0.00	51.77 -3.89 -0.81	52.28 -3.91 0.49	52.77 -3.63 0.32	52.47 -3.89 0.00	52.74 -3.54 0.00	49.10 -3.47 0.00	47.47 -3.36 0.00	45.78 -3.77 0.00	46.31 -3.22 0.00	46.56 -3.18 0.00	49.38 -3.43 0.00	50.43 -3.39 0.00	53.61 -3.18 0.00	54.57 -3.24 0.00	49.58 -3.28 0.00	47.87 -2.79 0.00	43.95 -2.31 0.00
OLIN_CORP_DRP 24177	44.09 -3.58 0.00	40.54 -3.15 0.00	39.42 -3.06 0.00	38.01 -2.69 0.00	36.49 -3.43 0.00	40.13 -3.49 0.00	46.15 -3.96 0.00	50.41 -4.44 0.00	52.26 -4.42 0.00	51.39 -5.33 0.00	51.96 -4.40 0.00	51.61 -4.67 0.00	48.26 -4.31 0.00	46.96 -3.86 0.00	45.28 -4.26 0.00	45.86 -3.66 0.00	46.06 -3.68 0.00	48.85 -3.96 0.00	49.94 -3.87 0.00	53.15 -3.63 0.00	54.05 -3.76 0.00	49.11 -3.75 0.00	47.46 -3.19 0.00	43.53 -2.73 0.00
OLIN_CORP_DSASP 323712	44.71 -2.96 0.00	40.50 -3.19 0.00	39.46 -3.01 0.00	38.05 -2.64 0.00	37.01 -2.91 0.00	40.30 -3.32 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.26 -4.42 0.00	52.64 -4.08 0.00	52.02 -4.34 0.00	52.29 -3.99 0.00	48.68 -3.89 0.00	47.06 -3.76 0.00	45.33 -4.21 0.00	45.91 -3.61 0.00	46.16 -3.58 0.00	48.96 -3.85 0.00	50.00 -3.82 0.00	53.10 -3.69 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.47 -3.19 0.00	43.58 -2.68 0.00
ONEIDA_HERK_LFGE 323681	48.43 0.76 0.00	44.39 0.70 0.00	43.15 0.68 0.00	41.34 0.65 0.00	40.60 0.68 0.00	44.36 0.74 0.00	50.96 0.85 0.00	55.73 0.87 0.00	57.70 1.02 0.00	57.86 1.13 0.00	57.31 0.96 0.00	57.13 0.85 0.00	53.31 0.74 0.00	51.48 0.66 0.00	50.19 0.64 0.00	50.17 0.64 0.00	50.34 0.60 0.00	53.44 0.64 0.00	54.73 0.91 0.00	58.09 1.31 0.00	59.07 1.27 0.00	53.86 1.00 0.00	51.52 0.86 0.00	46.96 0.69 0.00
ONEIDA___115KV_TB4 55905	48.72 1.05 0.00	44.65 0.96 0.00	43.41 0.93 0.00	41.59 0.90 0.00	40.80 0.88 0.00	44.63 1.00 0.00	51.36 1.25 0.00	56.22 1.37 0.00	58.15 1.47 0.00	58.26 1.53 0.00	57.82 1.47 0.00	57.63 1.35 0.00	53.78 1.21 0.00	51.94 1.12 0.00	50.63 1.09 0.00	50.61 1.09 0.00	50.79 1.04 0.00	53.92 1.11 0.00	55.16 1.35 0.00	58.55 1.76 0.00	59.54 1.73 0.00	54.18 1.32 0.00	51.87 1.22 0.00	47.28 1.02 0.00
ONONDAGA_REF_OCCRA 23987	47.48 -0.19 0.00	43.47 -0.22 0.00	42.26 -0.21 0.00	40.49 -0.20 0.00	39.64 -0.28 0.00	43.36 -0.26 0.00	49.91 -0.20 0.00	54.69 -0.16 0.00	56.62 -0.06 0.00	56.61 -0.11 0.00	56.35 0.00 0.00	56.23 -0.06 0.00	52.41 -0.16 0.00	50.72 -0.10 0.00	49.35 -0.20 0.00	49.37 -0.15 0.00	49.59 -0.15 0.00	52.65 -0.16 0.00	53.71 -0.11 0.00	56.90 0.11 0.00	57.92 0.12 0.00	52.75 -0.11 0.00	50.55 -0.10 0.00	46.12 -0.14 0.00
ONONDAGA___COGEN 23986	47.57 -0.10 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.72 -0.20 0.00	43.49 -0.13 0.00	50.01 -0.10 0.00	54.80 -0.05 0.00	56.73 0.06 0.00	56.78 0.06 0.00	56.47 0.11 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.69 -0.05 0.00	52.70 -0.11 0.00	53.76 -0.05 0.00	56.96 0.17 0.00	57.98 0.17 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.17 -0.09 0.00
ONTARIO___LFGE 23819	47.91 0.24 0.00	43.65 -0.04 0.00	42.48 0.00 0.00	40.77 0.08 0.00	39.88 -0.04 0.00	43.62 0.00 0.00	50.16 0.05 0.00	54.85 0.00 0.00	56.68 0.00 0.00	57.01 0.29 0.00	56.30 -0.06 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.30 -0.25 0.00	49.52 0.00 0.00	49.74 0.00 0.00	52.91 0.11 0.00	53.82 0.00 0.00	57.19 0.40 0.00	58.26 0.46 0.00	52.91 0.05 0.00	51.01 0.36 0.00	46.54 0.28 0.00
ORANGEVILLE_WT_PWR 323706	46.33 -1.33 0.00	42.07 -1.62 0.00	40.99 -1.49 0.00	39.43 -1.26 0.00	38.45 -1.48 0.00	41.96 -1.66 0.00	48.20 -1.90 0.00	52.77 -2.08 0.00	54.52 -2.15 0.00	54.85 -1.87 0.00	54.04 -2.31 0.00	54.20 -2.08 0.00	50.41 -2.16 0.00	48.74 -2.09 0.00	47.02 -2.52 0.00	47.49 -2.03 0.00	47.80 -1.94 0.00	50.75 -2.06 0.00	51.88 -1.94 0.00	55.31 -1.48 0.00	56.30 -1.50 0.00	51.17 -1.69 0.00	49.29 -1.37 0.00	45.15 -1.11 0.00
ORANGEVILLE___ESR 323794	46.33 -1.33 0.00	42.07 -1.62 0.00	40.99 -1.49 0.00	39.43 -1.26 0.00	38.45 -1.48 0.00	41.96 -1.66 0.00	48.20 -1.90 0.00	52.77 -2.08 0.00	54.52 -2.15 0.00	54.85 -1.87 0.00	54.04 -2.31 0.00	54.20 -2.08 0.00	50.41 -2.16 0.00	48.74 -2.09 0.00	47.02 -2.52 0.00	47.49 -2.03 0.00	47.80 -1.94 0.00	50.75 -2.06 0.00	51.88 -1.94 0.00	55.31 -1.48 0.00	56.30 -1.50 0.00	51.17 -1.69 0.00	49.29 -1.37 0.00	45.15 -1.11 0.00
OSWEGATCHIE___HYD 24044	46.95 -0.71 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.64 -0.28 0.00	43.32 -0.30 0.00	49.30 -0.80 0.00	53.81 -1.04 0.00	55.43 -1.25 0.00	55.42 -1.30 0.00	54.95 -1.41 0.00	54.77 -1.52 0.00	51.36 -1.21 0.00	49.60 -1.22 0.00	48.31 -1.24 0.00	48.24 -1.29 0.00	48.40 -1.34 0.00	51.43 -1.37 0.00	52.68 -1.13 0.00	55.71 -1.08 0.00	56.70 -1.10 0.00	52.28 -0.58 0.00	50.00 -0.66 0.00	45.57 -0.69 0.00
OSWEGO___5 23606	46.86 -0.81 0.00	42.86 -0.83 0.00	41.67 -0.81 0.00	39.96 -0.73 0.00	39.20 -0.72 0.00	42.79 -0.83 0.00	49.21 -0.90 0.00	53.87 -0.99 0.00	55.71 -0.96 0.00	55.88 -0.85 0.00	55.45 -0.90 0.00	55.38 -0.90 0.00	51.63 -0.94 0.00	49.91 -0.91 0.00	48.60 -0.94 0.00	48.63 -0.89 0.00	48.80 -0.95 0.00	51.80 -1.00 0.00	52.85 -0.97 0.00	55.88 -0.91 0.00	56.94 -0.87 0.00	51.91 -0.95 0.00	49.75 -0.91 0.00	45.43 -0.83 0.00

OSWEGO___6 23613	46.86 -0.81 0.00	42.86 -0.83 0.00	41.67 -0.81 0.00	39.96 -0.73 0.00	39.20 -0.72 0.00	42.79 -0.83 0.00	49.21 -0.90 0.00	53.87 -0.99 0.00	55.71 -0.96 0.00	55.88 -0.85 0.00	55.45 -0.90 0.00	55.38 -0.90 0.00	51.63 -0.94 0.00	49.91 -0.91 0.00	48.60 -0.94 0.00	48.63 -0.89 0.00	48.80 -0.95 0.00	51.80 -1.00 0.00	52.85 -0.97 0.00	55.88 -0.91 0.00	56.94 -0.87 0.00	51.91 -0.95 0.00	49.75 -0.91 0.00	45.43 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	45.09 -2.57 0.00	41.46 -2.23 0.00	40.31 -2.17 0.00	38.82 -1.87 0.00	37.33 -2.59 0.00	41.09 -2.53 0.00	47.20 -2.91 0.00	51.61 -3.24 0.00	53.50 -3.17 0.00	52.70 -4.03 0.00	53.25 -3.10 0.00	52.91 -3.38 0.00	49.42 -3.15 0.00	48.08 -2.74 0.00	46.27 -3.27 0.00	46.90 -2.62 0.00	47.11 -2.64 0.00	49.96 -2.85 0.00	51.13 -2.69 0.00	54.40 -2.39 0.00	55.32 -2.49 0.00	50.27 -2.59 0.00	48.53 -2.13 0.00	44.51 -1.76 0.00
OXBOW___BTM 323836	45.09 -2.57 0.00	40.89 -2.80 0.00	39.80 -2.67 0.00	38.38 -2.32 0.00	37.33 -2.59 0.00	40.70 -2.92 0.00	46.65 -3.46 0.00	50.96 -3.89 0.00	52.82 -3.86 0.00	53.21 -3.52 0.00	52.58 -3.78 0.00	52.85 -3.44 0.00	49.21 -3.37 0.00	47.57 -3.25 0.00	45.78 -3.77 0.00	46.35 -3.17 0.00	46.61 -3.13 0.00	49.43 -3.38 0.00	50.53 -3.28 0.00	53.66 -3.12 0.00	54.62 -3.18 0.00	49.63 -3.23 0.00	47.92 -2.74 0.00	44.00 -2.27 0.00
OXBOW____ 24026	44.57 -3.10 0.00	40.98 -2.71 0.00	39.84 -2.63 0.00	38.37 -2.32 0.00	36.85 -3.07 0.00	40.57 -3.05 0.00	46.65 -3.46 0.00	50.96 -3.89 0.00	52.82 -3.85 0.00	52.02 -4.71 0.00	52.58 -3.78 0.00	52.23 -4.05 0.00	48.84 -3.73 0.00	47.52 -3.30 0.00	45.78 -3.77 0.00	46.35 -3.17 0.00	46.61 -3.13 0.00	49.38 -3.43 0.00	50.53 -3.28 0.00	53.72 -3.07 0.00	54.62 -3.18 0.00	49.69 -3.17 0.00	47.97 -2.68 0.00	44.00 -2.27 0.00
OXY_CHEM_DSASP 323612	44.14 -3.53 0.00	40.59 -3.10 0.00	39.50 -2.97 0.00	38.05 -2.65 0.00	36.53 -3.39 0.00	40.18 -3.45 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.31 -4.36 0.00	51.45 -5.28 0.00	52.01 -4.34 0.00	51.67 -4.62 0.00	48.31 -4.26 0.00	47.01 -3.81 0.00	45.33 -4.21 0.00	45.91 -3.62 0.00	46.16 -3.58 0.00	48.90 -3.91 0.00	50.00 -3.82 0.00	53.15 -3.63 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.52 -3.14 0.00	43.58 -2.68 0.00
OZONE_PARK_ESR 323760	50.67 3.00 0.00	46.35 2.67 0.00	45.03 2.55 0.00	43.01 2.32 0.00	42.36 2.44 0.00	46.24 2.62 0.00	53.21 3.11 0.00	58.25 3.40 0.00	60.76 4.08 0.00	60.81 4.08 0.00	60.64 4.28 0.00	60.40 4.11 0.00	56.41 3.84 0.00	54.39 3.56 0.00	53.27 3.72 0.00	53.14 3.62 0.00	53.43 3.68 0.00	56.67 3.85 0.00	57.64 3.82 0.00	61.17 4.37 0.00	62.40 4.57 -0.03	56.40 3.54 0.00	53.95 3.29 0.00	49.27 3.01 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	44.14 -3.53 0.00	40.59 -3.10 0.00	39.50 -2.97 0.00	38.05 -2.65 0.00	36.53 -3.39 0.00	40.18 -3.45 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.31 -4.36 0.00	51.45 -5.28 0.00	52.01 -4.34 0.00	51.67 -4.62 0.00	48.31 -4.26 0.00	47.01 -3.81 0.00	45.33 -4.21 0.00	45.91 -3.62 0.00	46.16 -3.58 0.00	48.90 -3.91 0.00	50.00 -3.82 0.00	53.15 -3.63 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.52 -3.14 0.00	43.58 -2.68 0.00
PACKARD__115KV_DUPONT_184 80571	44.14 -3.53 0.00	40.59 -3.10 0.00	39.50 -2.97 0.00	38.05 -2.65 0.00	36.53 -3.39 0.00	40.18 -3.45 0.00	46.20 -3.91 0.00	50.41 -4.44 0.00	52.31 -4.36 0.00	51.45 -5.28 0.00	52.01 -4.34 0.00	51.67 -4.62 0.00	48.31 -4.26 0.00	47.01 -3.81 0.00	45.33 -4.21 0.00	45.91 -3.62 0.00	46.16 -3.58 0.00	48.90 -3.91 0.00	50.00 -3.82 0.00	53.15 -3.63 0.00	54.05 -3.76 0.00	49.16 -3.70 0.00	47.52 -3.14 0.00	43.58 -2.68 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	50.63 2.96 -0.01	46.27 2.58 -0.01	44.95 2.46 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.26 3.40 -0.01	60.25 3.57 -0.01	60.36 3.63 -0.01	60.25 3.89 -0.01	60.06 3.77 -0.01	56.05 3.47 -0.01	54.03 3.20 -0.01	52.93 3.37 -0.01	52.76 3.22 -0.01	53.09 3.33 -0.01	56.36 3.54 -0.01	57.32 3.50 -0.01	60.82 4.03 -0.01	62.05 4.22 -0.03	56.36 3.49 -0.01	53.86 3.19 -0.01	49.19 2.91 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	50.77 3.10 -0.01	46.45 2.75 -0.01	45.12 2.63 -0.01	43.14 2.44 -0.01	42.48 2.55 -0.01	46.38 2.75 -0.01	53.32 3.21 -0.01	58.42 3.57 -0.01	60.37 3.68 -0.01	60.42 3.69 -0.01	60.30 3.94 -0.01	60.17 3.88 -0.01	56.15 3.57 -0.01	54.18 3.35 -0.01	53.03 3.47 -0.01	52.85 3.32 -0.01	53.19 3.43 -0.01	56.52 3.70 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.23 4.39 -0.03	56.51 3.65 -0.01	54.06 3.39 -0.01	49.42 3.15 -0.01
PATROON__115KV_TB1 80586	48.38 0.72 0.00	44.34 0.66 0.00	43.16 0.68 0.00	41.34 0.65 0.00	40.64 0.72 0.00	44.28 0.65 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.87 1.19 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.41 1.13 0.00	53.47 0.89 0.00	51.69 0.86 0.00	50.49 0.94 0.00	50.46 0.94 0.00	50.79 1.04 0.00	53.86 1.06 0.00	54.89 1.08 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.71 0.85 0.00	51.42 0.76 0.00	46.96 0.69 0.00
PATTRSNVILLE___SOLAR 323815	49.38 1.71 0.00	45.26 1.57 0.00	44.00 1.53 0.00	42.08 1.38 0.00	41.32 1.40 0.00	45.15 1.53 0.00	51.96 1.86 0.00	56.88 2.03 0.00	58.83 2.15 0.00	58.88 2.16 0.00	58.50 2.14 0.00	58.20 1.91 0.00	54.10 1.53 0.00	52.40 1.58 0.00	51.13 1.59 0.00	51.16 1.63 0.00	51.48 1.74 0.00	54.71 1.90 0.00	55.91 2.10 0.00	59.35 2.56 0.00	60.41 2.60 0.00	54.87 2.01 0.00	52.58 1.92 0.00	47.98 1.71 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	45.52 -2.15 0.00	41.81 -1.88 0.00	40.69 -1.78 0.00	39.15 -1.55 0.00	37.73 -2.20 0.00	41.53 -2.09 0.00	47.80 -2.30 0.00	52.44 -2.41 0.00	54.18 -2.49 0.00	53.49 -3.23 0.00	53.87 -2.48 0.00	53.53 -2.76 0.00	50.00 -2.58 0.00	48.64 -2.19 0.00	46.82 -2.72 0.00	47.39 -2.13 0.00	47.65 -2.09 0.00	50.54 -2.27 0.00	51.72 -2.10 0.00	55.14 -1.65 0.00	56.01 -1.79 0.00	50.90 -1.96 0.00	49.04 -1.62 0.00	44.88 -1.39 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	50.05 2.38 0.00	45.74 2.05 0.00	44.52 2.04 0.00	42.52 1.83 0.00	41.84 1.92 0.00	45.63 2.01 0.00	52.56 2.46 0.00	57.54 2.69 0.00	59.97 3.29 0.00	60.07 3.35 0.00	59.96 3.61 0.00	59.66 3.38 0.00	55.73 3.15 0.00	53.67 2.85 0.00	52.52 2.97 0.00	52.35 2.82 0.00	52.63 2.89 0.00	55.92 3.12 0.00	56.78 2.96 0.00	60.31 3.52 0.00	61.33 3.53 0.00	55.66 2.80 0.00	53.19 2.53 0.00	48.58 2.31 0.00
PEEKSKILL____ 23653	49.58 1.91 0.00	45.39 1.70 0.00	44.13 1.65 0.00	42.20 1.51 0.00	41.40 1.48 0.00	45.28 1.66 0.00	52.16 2.06 0.00	57.15 2.30 0.00	59.40 2.72 0.00	59.56 2.84 0.00	59.28 2.93 0.00	59.10 2.81 0.00	55.10 2.52 0.00	53.16 2.34 0.00	51.97 2.43 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.34 2.53 0.00	56.30 2.48 0.00	59.80 3.01 0.00	60.82 3.00 -0.01	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00

PGE MADISON___WINDPWR 24146	51.19 3.53 0.00	46.88 3.19 0.00	45.66 3.19 0.00	43.70 3.01 0.00	42.92 3.00 0.00	47.03 3.40 0.00	54.22 4.11 0.00	59.40 4.55 0.00	61.44 4.76 0.00	61.83 5.11 0.00	60.92 4.56 0.00	60.73 4.45 0.00	56.41 3.84 0.00	54.53 3.71 0.00	53.16 3.61 0.00	53.14 3.61 0.00	53.28 3.53 0.00	56.56 3.75 0.00	58.23 4.41 0.00	62.24 5.45 0.00	63.24 5.43 0.00	57.24 4.38 0.00	54.71 4.05 0.00	49.83 3.56 0.00
PIERCEFIELD___HYD 23852	46.57 -1.10 0.00	43.16 -0.52 0.00	41.97 -0.51 0.00	40.16 -0.53 0.00	39.44 -0.48 0.00	43.10 -0.52 0.00	48.90 -1.20 0.00	53.32 -1.54 0.00	54.81 -1.87 0.00	55.02 -1.70 0.00	54.38 -1.97 0.00	54.43 -1.86 0.00	51.10 -1.47 0.00	49.40 -1.42 0.00	48.06 -1.49 0.00	47.99 -1.54 0.00	48.10 -1.64 0.00	51.07 -1.74 0.00	52.15 -1.67 0.00	54.69 -2.10 0.00	55.78 -2.02 0.00	51.70 -1.16 0.00	49.49 -1.17 0.00	45.15 -1.11 0.00
PINELAWN_CC_1 323563	49.38 1.71 0.00	45.26 1.57 0.00	43.88 1.40 0.00	41.79 1.10 0.00	41.12 1.20 0.00	45.02 1.40 0.00	51.66 1.55 0.00	55.33 0.93 0.46	58.32 1.64 0.00	58.48 1.76 0.00	57.93 1.58 0.00	57.91 1.63 0.00	53.83 1.26 0.00	51.99 1.17 0.00	50.98 1.44 0.00	50.90 1.38 0.00	51.23 1.49 0.00	54.34 1.53 0.00	55.37 1.56 0.00	58.65 1.87 0.00	59.47 1.90 0.24	53.91 1.06 0.01	51.71 1.07 0.01	48.07 1.80 0.00
PJM_GEN_HTP_PROXY 323702	50.19 2.52 0.00	46.00 2.31 0.00	44.68 2.21 0.00	42.69 1.99 0.00	41.92 2.00 0.00	45.89 2.27 0.00	52.81 2.70 0.00	58.62 2.96 -0.81	59.76 3.57 0.49	60.09 3.69 0.32	60.08 3.72 0.00	59.94 3.66 0.00	55.84 3.26 0.00	53.93 3.10 0.00	52.77 3.22 0.00	52.70 3.17 0.00	52.98 3.23 0.00	56.09 3.28 0.00	57.11 3.28 0.00	60.60 3.81 0.00	61.81 3.99 -0.02	55.87 3.01 0.00	53.49 2.84 0.00	48.85 2.59 0.00
PJM_GEN_KEystone 24065	47.67 0.00 0.00	43.52 -0.17 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.72 -0.20 0.00	43.40 -0.22 0.00	49.96 -0.15 0.00	55.61 -0.05 -0.81	56.19 0.00 0.49	56.58 0.17 0.32	56.47 0.11 0.00	56.45 0.17 0.00	52.57 0.00 0.00	50.77 -0.05 0.00	49.40 -0.15 0.00	49.52 0.00 0.00	49.84 0.10 0.00	52.86 0.05 0.00	53.87 0.05 0.00	57.24 0.45 0.00	58.27 0.46 0.00	52.86 0.00 0.00	50.71 0.05 0.00	46.40 0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	49.15 1.48 0.00	45.09 1.40 0.00	43.71 1.23 0.00	41.67 0.98 0.00	40.96 1.04 0.00	44.84 1.22 0.00	51.41 1.30 0.00	56.31 1.21 -0.26	58.16 1.98 0.50	58.55 2.16 0.33	58.44 2.09 0.00	58.42 2.14 0.00	54.35 1.79 0.00	52.44 1.63 0.00	51.42 1.88 0.00	51.30 1.78 0.00	51.58 1.84 0.00	54.60 1.80 0.00	55.59 1.77 0.00	58.94 2.16 0.00	60.00 2.48 0.29	54.22 1.37 0.01	51.92 1.27 0.01	47.79 1.52 0.00
PJM_GEN_VFT_PROXY 323633	50.10 2.43 0.00	45.87 2.18 0.00	44.60 2.12 0.00	42.61 1.91 0.00	41.84 1.92 0.00	45.80 2.18 0.00	52.71 2.60 0.00	58.46 2.80 -0.81	59.59 3.40 0.49	59.93 3.52 0.32	59.91 3.55 0.00	59.78 3.49 0.00	55.68 3.10 0.00	53.83 3.00 0.00	52.67 3.12 0.00	52.55 3.02 0.00	52.83 3.09 0.00	55.93 3.11 0.00	56.94 3.12 0.00	60.43 3.64 0.00	61.64 3.81 -0.03	55.76 2.91 0.00	53.39 2.73 0.00	48.76 2.50 0.00
PLATSBURG_115KV_PMLD1 355749	48.72 1.05 0.00	44.87 1.18 0.00	43.62 1.15 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.76 1.13 0.00	51.21 1.10 0.00	55.95 1.10 0.00	57.58 0.91 0.00	57.75 1.02 0.00	57.14 0.79 0.00	57.13 0.84 0.00	53.57 1.00 0.00	51.84 1.02 0.00	50.39 0.84 0.00	50.37 0.84 0.00	50.54 0.80 0.00	53.65 0.84 0.00	54.62 0.81 0.00	57.30 0.51 0.00	58.50 0.69 0.00	54.08 1.22 0.00	51.82 1.17 0.00	47.28 1.02 0.00
PLEASANTVLY___LBMP 24000	49.43 1.76 0.00	45.22 1.53 0.00	43.96 1.49 0.00	42.04 1.34 0.00	41.36 1.44 0.00	45.15 1.53 0.00	51.96 1.85 0.00	56.94 2.08 0.00	59.17 2.49 0.00	59.22 2.50 0.00	59.00 2.65 0.00	58.76 2.48 0.00	54.83 2.26 0.00	52.91 2.08 0.00	51.77 2.23 0.00	51.65 2.13 0.00	51.93 2.19 0.00	55.13 2.32 0.00	56.08 2.26 0.00	59.51 2.73 0.00	60.52 2.72 0.00	54.92 2.06 0.00	52.53 1.87 0.00	48.02 1.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.91 2.24 0.00	45.66 1.97 0.00	44.35 1.87 0.00	42.40 1.71 0.00	41.76 1.84 0.00	45.54 1.92 0.00	52.46 2.35 0.00	57.43 2.58 0.00	59.79 3.12 0.00	59.84 3.12 0.00	59.62 3.27 0.00	59.38 3.10 0.00	55.46 2.89 0.00	53.51 2.69 0.00	52.32 2.77 0.00	52.19 2.67 0.00	52.48 2.74 0.00	55.71 2.90 0.00	56.67 2.85 0.00	60.13 3.35 0.00	61.20 3.41 0.02	55.45 2.59 0.00	53.09 2.43 0.00	48.48 2.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	49.91 2.24 0.00	45.66 1.97 0.00	44.35 1.87 0.00	42.40 1.71 0.00	41.76 1.84 0.00	45.54 1.92 0.00	52.46 2.35 0.00	57.43 2.58 0.00	59.79 3.12 0.00	59.84 3.12 0.00	59.62 3.27 0.00	59.38 3.10 0.00	55.46 2.89 0.00	53.51 2.69 0.00	52.32 2.77 0.00	52.19 2.67 0.00	52.48 2.74 0.00	55.71 2.90 0.00	56.67 2.85 0.00	60.13 3.35 0.00	61.20 3.41 0.02	55.45 2.59 0.00	53.09 2.43 0.00	48.48 2.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.62 1.95 0.00	45.39 1.70 0.00	44.13 1.66 0.00	42.20 1.51 0.00	41.52 1.60 0.00	45.28 1.66 0.00	52.11 2.00 0.00	57.10 2.25 0.00	59.45 2.78 0.00	59.45 2.72 0.00	59.34 2.99 0.00	59.04 2.76 0.00	55.15 2.58 0.00	53.16 2.34 0.00	51.97 2.43 0.00	51.85 2.33 0.00	52.18 2.44 0.00	55.45 2.64 0.00	56.35 2.53 0.00	59.80 3.01 0.00	60.81 3.01 0.00	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
POLETTI___ 23519	50.38 2.72 0.00	46.05 2.36 0.00	44.73 2.25 0.00	42.77 2.08 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.91 2.81 0.00	57.87 3.02 0.00	60.37 3.68 0.00	60.42 3.69 0.00	60.19 3.83 0.00	60.00 3.71 0.00	56.05 3.47 0.00	54.03 3.20 0.00	52.92 3.37 0.00	52.75 3.22 0.00	53.08 3.33 0.00	56.25 3.43 0.00	57.21 3.39 0.00	60.71 3.92 0.00	61.88 4.05 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.95 2.68 0.00
POMONA___ESR 323819	49.58 1.91 0.00	45.39 1.70 0.00	44.13 1.65 0.00	42.20 1.51 0.00	41.44 1.52 0.00	45.28 1.66 0.00	52.11 2.01 0.00	57.15 2.30 0.00	59.40 2.72 0.00	59.62 2.89 0.00	59.28 2.93 0.00	59.15 2.87 0.00	55.10 2.52 0.00	53.21 2.39 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.18 2.44 0.00	55.34 2.53 0.00	56.35 2.53 0.00	59.80 3.01 0.00	60.87 3.06 -0.01	55.13 2.27 0.00	52.78 2.13 0.00	48.21 1.94 0.00
PORT_JEFF_3 23555	49.00 1.33 0.00	44.87 1.18 0.00	43.49 1.02 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.67 1.05 0.00	51.61 1.50 0.00	55.60 1.26 0.51	58.71 2.04 0.00	58.87 2.16 0.00	58.04 1.69 0.00	58.08 1.80 0.00	53.99 1.42 0.00	52.04 1.22 0.00	51.02 1.48 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.60 1.80 0.00	55.64 1.83 0.00	58.94 2.16 0.00	59.90 2.37 0.27	54.07 1.22 0.01	52.02 1.37 0.01	47.93 1.66 0.00

PORT_JEFF_4 23616	49.00 1.33 0.00	44.87 1.18 0.00	43.49 1.02 0.00	41.38 0.69 0.00	40.72 0.80 0.00	44.67 1.05 0.00	51.61 1.50 0.00	55.60 1.26 0.51	58.71 2.04 0.00	58.87 2.16 0.00	58.04 1.69 0.00	58.08 1.80 0.00	53.99 1.42 0.00	52.04 1.22 0.00	51.02 1.48 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.60 1.80 0.00	55.64 1.83 0.00	58.94 2.16 0.00	59.90 2.37 0.27	54.07 1.22 0.01	52.02 1.37 0.01	47.93 1.66 0.00
PORT_JEFF_IC 23713	49.10 1.43 0.00	44.87 1.18 0.00	43.45 0.98 0.00	41.43 0.73 0.00	41.00 1.08 0.00	44.97 1.35 0.00	51.61 1.50 0.00	55.65 1.32 0.51	58.88 2.21 0.00	58.88 2.16 0.00	58.10 1.75 0.00	58.02 1.74 0.00	54.25 1.68 0.00	52.04 1.22 0.00	51.22 1.68 0.00	51.05 1.54 0.00	51.43 1.69 0.00	54.86 2.06 0.00	55.70 1.88 0.00	58.88 2.10 0.00	59.96 2.43 0.27	54.07 1.22 0.01	52.07 1.42 0.01	47.93 1.67 0.00
PPL PILGRIM_ST_GT1 24216	49.38 1.71 0.00	45.26 1.57 0.00	43.84 1.36 0.00	41.75 1.06 0.00	41.08 1.16 0.00	45.02 1.40 0.00	51.76 1.65 0.00	55.77 1.42 0.51	58.88 2.21 0.00	59.10 2.38 0.00	58.44 2.09 0.00	58.42 2.14 0.00	54.30 1.73 0.00	52.40 1.58 0.00	51.37 1.83 0.00	51.35 1.83 0.00	51.68 1.94 0.00	54.92 2.11 0.00	55.91 2.10 0.00	59.22 2.44 0.00	60.20 2.66 0.27	54.39 1.53 0.01	52.22 1.57 0.01	48.12 1.85 0.00
PPL PILGRIM_ST_GT2 24217	49.38 1.71 0.00	45.26 1.57 0.00	43.84 1.36 0.00	41.75 1.06 0.00	41.08 1.16 0.00	45.02 1.40 0.00	51.76 1.65 0.00	55.77 1.42 0.51	58.88 2.21 0.00	59.10 2.38 0.00	58.44 2.09 0.00	58.42 2.14 0.00	54.30 1.73 0.00	52.40 1.58 0.00	51.37 1.83 0.00	51.35 1.83 0.00	51.68 1.94 0.00	54.92 2.11 0.00	55.91 2.10 0.00	59.22 2.44 0.00	60.20 2.66 0.27	54.39 1.53 0.01	52.22 1.57 0.01	48.12 1.85 0.00
PPL_SHRM_GT3 24213	48.19 0.53 0.00	44.13 0.44 0.00	42.78 0.30 0.00	40.69 0.00 0.00	40.04 0.12 0.00	43.93 0.31 0.00	51.41 1.30 0.00	55.43 1.10 0.51	58.32 1.64 0.00	58.48 1.76 0.00	57.14 0.79 0.00	57.18 0.90 0.00	53.15 0.58 0.00	51.18 0.36 0.00	50.18 0.64 0.00	50.21 0.69 0.00	50.58 0.84 0.00	53.80 1.00 0.00	54.89 1.08 0.00	58.14 1.36 0.00	59.03 1.50 0.27	53.22 0.37 0.01	51.66 1.01 0.01	47.61 1.34 0.00
PPL_SHRM_GT4 24214	48.19 0.53 0.00	44.13 0.44 0.00	42.78 0.30 0.00	40.69 0.00 0.00	40.04 0.12 0.00	43.93 0.31 0.00	51.41 1.30 0.00	55.43 1.10 0.51	58.32 1.64 0.00	58.48 1.76 0.00	57.14 0.79 0.00	57.18 0.90 0.00	53.15 0.58 0.00	51.18 0.36 0.00	50.18 0.64 0.00	50.21 0.69 0.00	50.58 0.84 0.00	53.80 1.00 0.00	54.89 1.08 0.00	58.14 1.36 0.00	59.03 1.50 0.27	53.22 0.37 0.01	51.66 1.01 0.01	47.61 1.34 0.00
PROJECT___ORANGE 1 24174	47.38 -0.29 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.41 -0.28 0.00	39.56 -0.36 0.00	43.27 -0.35 0.00	49.76 -0.35 0.00	54.52 -0.33 0.00	56.45 -0.23 0.00	56.44 -0.28 0.00	56.19 -0.17 0.00	56.06 -0.23 0.00	52.31 -0.26 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.28 -0.25 0.00	49.50 -0.25 0.00	52.49 -0.32 0.00	53.55 -0.27 0.00	56.67 -0.11 0.00	57.75 -0.06 0.00	52.54 -0.32 0.00	50.40 -0.25 0.00	45.99 -0.28 0.00
PROJECT___ORANGE 2 24166	47.38 -0.29 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.41 -0.28 0.00	39.56 -0.36 0.00	43.27 -0.35 0.00	49.76 -0.35 0.00	54.52 -0.33 0.00	56.45 -0.23 0.00	56.44 -0.28 0.00	56.19 -0.17 0.00	56.06 -0.23 0.00	52.31 -0.26 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.28 -0.25 0.00	49.50 -0.25 0.00	52.49 -0.32 0.00	53.55 -0.27 0.00	56.67 -0.11 0.00	57.75 -0.06 0.00	52.54 -0.32 0.00	50.40 -0.25 0.00	45.99 -0.28 0.00
PUCKETT___SOLAR 323809	48.57 0.90 0.00	44.43 0.74 0.00	43.20 0.72 0.00	41.43 0.73 0.00	40.56 0.64 0.00	44.41 0.79 0.00	51.11 1.00 0.00	56.06 1.21 0.00	57.92 1.25 0.00	58.14 1.42 0.00	57.48 1.13 0.00	57.41 1.13 0.00	53.41 0.84 0.00	51.63 0.81 0.00	50.24 0.69 0.00	50.31 0.79 0.00	50.59 0.84 0.00	53.76 0.95 0.00	54.95 1.13 0.00	58.38 1.59 0.00	59.42 1.62 0.00	53.97 1.11 0.00	51.72 1.07 0.00	47.24 0.97 0.00
PYRITES___HYD 24023	47.57 -0.10 0.00	44.13 0.44 0.00	42.86 0.38 0.00	41.06 0.37 0.00	40.32 0.40 0.00	44.10 0.48 0.00	50.01 -0.10 0.00	54.47 -0.38 0.00	55.83 -0.85 0.00	55.93 -0.79 0.00	55.23 -1.13 0.00	55.33 -0.96 0.00	51.94 -0.63 0.00	50.21 -0.61 0.00	48.85 -0.69 0.00	48.88 -0.64 0.00	49.00 -0.75 0.00	52.07 -0.74 0.00	53.28 -0.54 0.00	55.94 -0.85 0.00	57.05 -0.75 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.12 -0.14 0.00
QUAKERRD_115KV_BK1 80622	45.81 -1.86 0.00	41.94 -1.75 0.00	40.78 -1.70 0.00	39.23 -1.46 0.00	38.13 -1.80 0.00	41.75 -1.88 0.00	47.95 -2.15 0.00	52.55 -2.30 0.00	54.47 -2.21 0.00	54.23 -2.50 0.00	54.21 -2.14 0.00	54.14 -2.14 0.00	50.42 -2.16 0.00	48.89 -1.93 0.00	47.41 -2.13 0.00	47.59 -1.93 0.00	47.75 -1.99 0.00	50.70 -2.11 0.00	51.77 -2.05 0.00	54.91 -1.87 0.00	56.01 -1.79 0.00	50.85 -2.01 0.00	48.98 -1.67 0.00	44.69 -1.57 0.00
QUENSBRY_115KV_TB8 356137	50.43 2.76 0.00	46.22 2.53 0.00	44.94 2.46 0.00	42.97 2.28 0.00	42.20 2.28 0.00	46.02 2.40 0.00	53.01 2.91 0.00	58.03 3.18 0.00	60.19 3.51 0.00	60.30 3.57 0.00	60.24 3.89 0.00	59.77 3.49 0.00	55.41 2.84 0.00	53.77 2.95 0.00	52.42 2.87 0.00	52.45 2.92 0.00	52.88 3.13 0.00	56.13 3.33 0.00	57.26 3.44 0.00	60.88 4.09 0.00	61.85 4.05 0.00	55.93 3.07 0.00	53.54 2.89 0.00	48.81 2.54 0.00
RAMAPO___LBMP 323565	49.43 1.76 0.00	45.22 1.53 0.00	43.96 1.49 0.00	42.04 1.34 0.00	41.36 1.44 0.00	45.10 1.48 0.00	51.96 1.85 0.00	56.99 2.14 0.00	59.23 2.55 0.00	59.22 2.50 0.00	59.00 2.65 0.00	58.82 2.53 0.00	54.94 2.37 0.00	52.96 2.13 0.00	51.82 2.28 0.00	51.70 2.18 0.00	51.98 2.24 0.00	55.13 2.32 0.00	56.08 2.26 0.00	59.51 2.73 0.00	60.58 2.77 -0.01	54.92 2.06 0.00	52.58 1.92 0.00	48.02 1.76 0.00
RANKINE____ 23646	45.52 -2.15 0.00	41.85 -1.83 0.00	40.69 -1.78 0.00	39.19 -1.51 0.00	37.69 -2.24 0.00	41.48 -2.14 0.00	47.75 -2.35 0.00	52.27 -2.58 0.00	54.07 -2.61 0.00	53.32 -3.40 0.00	53.76 -2.59 0.00	53.47 -2.81 0.00	49.94 -2.63 0.00	48.54 -2.29 0.00	46.77 -2.77 0.00	47.34 -2.18 0.00	47.61 -2.14 0.00	50.48 -2.32 0.00	51.66 -2.15 0.00	55.03 -1.76 0.00	55.90 -1.91 0.00	50.80 -2.06 0.00	49.04 -1.62 0.00	44.88 -1.39 0.00
RAVENSWOOD_GT2_1 24244	50.34 2.67 0.00	46.00 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.19 3.83 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.75 3.22 -0.01	53.03 3.28 -0.01	56.25 3.43 -0.01	57.16 3.34 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.93 3.07 0.00	53.54 2.89 0.00	48.95 2.68 0.00

RAVENSWOOD_GT2_2 24245	50.34 2.67 0.00	46.00 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.19 3.83 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.75 3.22 -0.01	53.03 3.28 -0.01	56.25 3.43 -0.01	57.16 3.34 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.93 3.07 0.00	53.54 2.89 0.00	48.95 2.68 0.00
RAVENSWOOD_GT2_3 24246	50.38 2.72 0.00	46.05 2.36 0.00	44.73 2.25 0.00	42.77 2.08 0.00	42.12 2.20 0.00	45.98 2.36 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.37 3.68 -0.01	60.42 3.69 -0.01	60.19 3.83 -0.01	60.00 3.71 -0.01	55.99 3.42 -0.01	54.03 3.20 -0.01	52.87 3.32 -0.01	52.75 3.22 -0.01	53.08 3.33 -0.01	56.25 3.43 -0.01	57.21 3.39 -0.01	60.71 3.92 -0.01	61.88 4.05 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.95 2.68 0.00
RAVENSWOOD_GT2_4 24247	50.38 2.72 0.00	46.05 2.36 0.00	44.73 2.25 0.00	42.77 2.08 0.00	42.12 2.20 0.00	45.98 2.36 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.37 3.68 -0.01	60.42 3.69 -0.01	60.19 3.83 -0.01	60.00 3.71 -0.01	55.99 3.42 -0.01	54.03 3.20 -0.01	52.87 3.32 -0.01	52.75 3.22 -0.01	53.08 3.33 -0.01	56.25 3.43 -0.01	57.21 3.39 -0.01	60.71 3.92 -0.01	61.88 4.05 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.95 2.68 0.00
RAVENSWOOD_GT3_1 24248	50.34 2.67 0.00	46.00 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.19 3.83 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.75 3.22 -0.01	53.03 3.28 -0.01	56.25 3.43 -0.01	57.21 3.39 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.98 3.12 0.00	53.54 2.89 0.00	48.95 2.68 0.00
RAVENSWOOD_GT3_2 24249	50.34 2.67 0.00	46.00 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.12 2.20 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.19 3.83 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.75 3.22 -0.01	53.03 3.28 -0.01	56.25 3.43 -0.01	57.21 3.39 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.98 3.12 0.00	53.54 2.89 0.00	48.95 2.68 0.00
RAVENSWOOD_GT3_3 24250	50.38 2.72 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.81 2.12 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.96 2.86 0.00	57.92 3.07 0.00	60.37 3.68 -0.01	60.42 3.69 -0.01	60.25 3.89 -0.01	60.06 3.77 -0.01	56.05 3.47 -0.01	54.08 3.25 -0.01	52.92 3.37 -0.01	52.80 3.27 -0.01	53.13 3.38 -0.01	56.30 3.49 -0.01	57.27 3.44 -0.01	60.77 3.98 -0.01	61.94 4.10 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
RAVENSWOOD_GT3_4 24251	50.38 2.72 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.81 2.12 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.96 2.86 0.00	57.92 3.07 0.00	60.37 3.68 -0.01	60.42 3.69 -0.01	60.25 3.89 -0.01	60.06 3.77 -0.01	56.05 3.47 -0.01	54.08 3.25 -0.01	52.92 3.37 -0.01	52.80 3.27 -0.01	53.13 3.38 -0.01	56.30 3.49 -0.01	57.27 3.44 -0.01	60.77 3.98 -0.01	61.94 4.10 -0.03	56.03 3.17 0.00	53.64 2.99 0.00	48.99 2.73 0.00
RAVENSWOOD_GT_1 23729	50.63 2.96 -0.01	46.27 2.58 -0.01	44.95 2.46 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.15 3.29 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.47 4.11 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.29 3.53 -0.01	56.41 3.70 0.09	57.43 3.61 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.25 3.38 -0.01	53.86 3.19 -0.01	49.19 2.91 -0.01
RAVENSWOOD_GT_10 24258	50.34 2.67 0.00	46.01 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.08 2.16 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.14 3.78 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.70 3.17 -0.01	53.03 3.28 -0.01	56.19 3.38 -0.01	57.16 3.34 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.93 3.07 0.00	53.54 2.89 0.00	48.90 2.64 0.00
RAVENSWOOD_GT_11 24259	50.34 2.67 0.00	46.01 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.08 2.16 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.14 3.78 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.70 3.17 -0.01	53.03 3.28 -0.01	56.19 3.38 -0.01	57.16 3.34 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.93 3.07 0.00	53.54 2.89 0.00	48.90 2.64 0.00
RAVENSWOOD_GT_4 24252	50.29 2.62 -0.01	45.97 2.27 -0.01	44.65 2.17 -0.01	42.69 1.99 -0.01	42.04 2.12 -0.01	45.90 2.27 -0.01	52.82 2.71 -0.01	57.82 2.96 -0.01	60.25 3.57 -0.01	60.30 3.57 -0.01	60.08 3.72 -0.01	59.89 3.60 -0.01	55.94 3.36 -0.01	53.93 3.10 -0.01	52.83 3.27 -0.01	52.65 3.12 -0.01	52.99 3.23 -0.01	56.22 3.33 -0.09	57.11 3.28 -0.01	60.60 3.80 -0.01	61.76 3.93 -0.03	55.88 3.01 -0.01	53.50 2.84 -0.01	48.86 2.59 -0.01
RAVENSWOOD_GT_5 24254	50.29 2.62 -0.01	45.97 2.27 -0.01	44.65 2.17 -0.01	42.69 1.99 -0.01	42.04 2.12 -0.01	45.90 2.27 -0.01	52.82 2.71 -0.01	57.82 2.96 -0.01	60.25 3.57 -0.01	60.30 3.57 -0.01	60.08 3.72 -0.01	59.89 3.60 -0.01	55.94 3.36 -0.01	53.93 3.10 -0.01	52.83 3.27 -0.01	52.65 3.12 -0.01	52.99 3.23 -0.01	56.22 3.33 -0.09	57.11 3.28 -0.01	60.60 3.80 -0.01	61.76 3.93 -0.03	55.88 3.01 -0.01	53.50 2.84 -0.01	48.86 2.59 -0.01
RAVENSWOOD_GT_6 24253	50.29 2.62 -0.01	45.97 2.27 -0.01	44.65 2.17 -0.01	42.69 1.99 -0.01	42.04 2.12 -0.01	45.90 2.27 -0.01	52.82 2.71 -0.01	57.82 2.96 -0.01	60.25 3.57 -0.01	60.30 3.57 -0.01	60.08 3.72 -0.01	59.89 3.60 -0.01	55.94 3.36 -0.01	53.93 3.10 -0.01	52.83 3.27 -0.01	52.65 3.12 -0.01	52.99 3.23 -0.01	56.22 3.33 -0.09	57.11 3.28 -0.01	60.60 3.80 -0.01	61.76 3.93 -0.03	55.88 3.01 -0.01	53.50 2.84 -0.01	48.86 2.59 -0.01
RAVENSWOOD_GT_7 24255	50.29 2.62 -0.01	45.97 2.27 -0.01	44.65 2.17 -0.01	42.69 1.99 -0.01	42.04 2.12 -0.01	45.90 2.27 -0.01	52.82 2.71 -0.01	57.82 2.96 -0.01	60.25 3.57 -0.01	60.30 3.57 -0.01	60.08 3.72 -0.01	59.89 3.60 -0.01	55.94 3.36 -0.01	53.93 3.10 -0.01	52.83 3.27 -0.01	52.65 3.12 -0.01	52.99 3.23 -0.01	56.22 3.33 -0.09	57.11 3.28 -0.01	60.60 3.80 -0.01	61.76 3.93 -0.03	55.88 3.01 -0.01	53.50 2.84 -0.01	48.86 2.59 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.34 2.67 0.00	46.01 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.08 2.16 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.14 3.78 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.70 3.17 -0.01	53.03 3.28 -0.01	56.19 3.38 -0.01	57.16 3.34 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.93 3.07 0.00	53.54 2.89 0.00	48.90 2.64 0.00

RAVENSWOOD_GT_9 24257	50.34 2.67 0.00	46.01 2.32 0.00	44.73 2.25 0.00	42.73 2.03 0.00	42.08 2.16 0.00	45.93 2.31 0.00	52.86 2.76 0.00	57.87 3.02 0.00	60.31 3.63 -0.01	60.36 3.63 -0.01	60.14 3.78 -0.01	59.95 3.66 -0.01	55.99 3.42 -0.01	53.98 3.15 -0.01	52.87 3.32 -0.01	52.70 3.17 -0.01	53.03 3.28 -0.01	56.19 3.38 -0.01	57.16 3.34 -0.01	60.65 3.86 -0.01	61.88 4.05 -0.03	55.93 3.07 0.00	53.54 2.89 0.00	48.90 2.64 0.00
RAVENSWOOD___1 23533	50.54 2.86 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.15 3.29 -0.01	60.48 3.80 -0.01	60.70 3.97 -0.01	60.47 4.11 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.29 3.53 -0.01	56.46 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.25 3.39 -0.01	53.86 3.19 -0.01	49.19 2.92 -0.01
RAVENSWOOD___2 23534	50.54 2.86 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.15 3.29 -0.01	60.48 3.80 -0.01	60.70 3.97 -0.01	60.47 4.11 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.29 3.53 -0.01	56.46 3.64 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.25 3.39 -0.01	53.86 3.19 -0.01	49.19 2.92 -0.01
RAVENSWOOD___3 23535	50.29 2.62 0.00	46.05 2.36 0.00	44.77 2.29 0.00	42.77 2.07 0.00	42.00 2.07 0.00	45.93 2.31 0.00	52.86 2.75 0.00	57.87 3.01 0.00	60.26 3.57 -0.01	60.47 3.74 -0.01	60.19 3.83 -0.01	60.06 3.77 -0.01	55.94 3.37 -0.01	54.03 3.20 -0.01	52.82 3.27 -0.01	52.75 3.22 -0.01	53.03 3.28 -0.01	56.20 3.38 -0.01	57.22 3.39 -0.01	60.71 3.92 -0.01	61.88 4.04 -0.03	55.98 3.12 0.00	53.59 2.94 0.00	48.90 2.64 0.00
RAVENSWOOD___4 23820	50.54 2.86 -0.01	46.27 2.58 -0.01	44.99 2.51 -0.01	42.98 2.28 -0.01	42.20 2.27 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.15 3.29 -0.01	60.48 3.80 -0.01	60.70 3.97 -0.01	60.47 4.11 -0.01	60.34 4.05 -0.01	56.15 3.58 -0.01	54.29 3.46 -0.01	53.13 3.57 -0.01	53.00 3.47 -0.01	53.29 3.53 -0.01	56.36 3.64 0.09	57.48 3.66 -0.01	61.00 4.20 -0.01	62.17 4.34 -0.03	56.25 3.39 -0.01	53.86 3.19 -0.01	49.19 2.92 -0.01
RCPL_TRUST___DRP 24196	50.62 2.96 0.00	46.31 2.62 0.00	44.98 2.51 0.00	42.97 2.28 0.00	42.36 2.44 0.00	46.20 2.57 0.00	53.21 3.11 0.00	58.25 3.40 0.00	60.76 4.08 0.00	60.81 4.08 0.00	60.64 4.28 0.00	60.40 4.11 0.00	56.41 3.84 0.00	54.38 3.56 0.00	53.26 3.72 0.00	53.09 3.57 0.00	53.43 3.68 0.00	56.61 3.80 0.00	57.59 3.77 0.00	61.11 4.32 0.00	62.34 4.51 -0.02	56.30 3.44 0.00	53.90 3.24 0.00	49.22 2.96 0.00
RED___ROCHESTER 323720	47.10 -0.57 0.00	42.77 -0.92 0.00	41.63 -0.85 0.00	40.08 -0.61 0.00	39.12 -0.80 0.00	42.66 -0.96 0.00	48.90 -1.20 0.00	53.59 -1.26 0.00	55.54 -1.13 0.00	55.93 -0.79 0.00	55.34 -1.01 0.00	55.67 -0.62 0.00	51.68 -0.89 0.00	49.96 -0.86 0.00	48.35 -1.19 0.00	48.58 -0.94 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	52.90 -0.92 0.00	56.11 -0.68 0.00	57.28 -0.52 0.00	51.96 -0.90 0.00	50.10 -0.56 0.00	45.71 -0.55 0.00
REGAN___SOLAR 323812	51.00 3.34 0.00	46.75 3.06 0.00	45.49 3.02 0.00	43.46 2.77 0.00	42.67 2.75 0.00	46.67 3.05 0.00	53.72 3.61 0.00	58.80 3.95 0.00	60.87 4.19 0.00	60.92 4.20 0.00	60.52 4.17 0.00	60.11 3.83 0.00	55.62 3.05 0.00	53.97 3.15 0.00	52.62 3.07 0.00	52.70 3.17 0.00	53.08 3.33 0.00	56.50 3.70 0.00	57.86 4.04 0.00	61.73 4.94 0.00	62.78 4.97 0.00	56.83 3.97 0.00	54.46 3.80 0.00	49.64 3.38 0.00
RENSSELAER___COGEN 23796	48.10 0.43 0.00	44.13 0.44 0.00	42.90 0.42 0.00	41.18 0.49 0.00	40.40 0.48 0.00	44.06 0.44 0.00	50.76 0.65 0.00	55.62 0.77 0.00	57.58 0.90 0.00	57.69 0.96 0.00	57.31 0.96 0.00	57.13 0.85 0.00	53.15 0.58 0.00	51.43 0.61 0.00	50.24 0.69 0.00	50.22 0.69 0.00	50.49 0.75 0.00	53.60 0.79 0.00	54.63 0.81 0.00	57.86 1.08 0.00	58.85 1.04 0.00	53.44 0.58 0.00	51.21 0.56 0.00	46.77 0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.86 4.19 0.00	47.58 3.89 0.00	46.34 3.87 0.00	44.23 3.54 0.00	43.43 3.51 0.00	47.46 3.84 0.00	54.67 4.56 0.00	59.79 4.94 0.00	61.95 5.27 0.00	62.11 5.39 0.00	62.16 5.80 0.00	61.52 5.23 0.00	56.78 4.21 0.00	55.14 4.32 0.00	53.76 4.21 0.00	53.83 4.31 0.00	54.42 4.68 0.00	57.82 5.02 0.00	59.15 5.33 0.00	63.03 6.25 0.00	64.05 6.24 0.00	57.62 4.76 0.00	55.16 4.51 0.00	50.20 3.93 0.00
REVERE_CPFR_DRP 24186	49.05 1.38 0.00	44.96 1.27 0.00	43.75 1.27 0.00	41.87 1.18 0.00	41.08 1.16 0.00	44.93 1.31 0.00	51.66 1.55 0.00	56.55 1.70 0.00	58.55 1.87 0.00	58.65 1.93 0.00	58.21 1.86 0.00	57.97 1.69 0.00	54.10 1.52 0.00	52.25 1.42 0.00	50.93 1.39 0.00	50.86 1.34 0.00	51.04 1.29 0.00	54.18 1.37 0.00	55.49 1.67 0.00	59.00 2.21 0.00	59.94 2.14 0.00	54.55 1.69 0.00	52.18 1.52 0.00	47.56 1.30 0.00
REYNOLDS_115KV_TB3 80639	48.67 1.00 0.00	44.52 0.83 0.00	43.33 0.85 0.00	41.51 0.81 0.00	40.76 0.84 0.00	44.45 0.83 0.00	51.26 1.15 0.00	56.11 1.26 0.00	58.09 1.42 0.00	58.14 1.42 0.00	57.88 1.52 0.00	57.58 1.29 0.00	53.68 1.10 0.00	51.89 1.07 0.00	50.68 1.14 0.00	50.66 1.14 0.00	50.99 1.24 0.00	54.13 1.32 0.00	55.16 1.35 0.00	58.43 1.65 0.00	59.36 1.56 0.00	53.97 1.11 0.00	51.67 1.01 0.00	47.19 0.93 0.00
RIVERBAY____ 323610	50.77 3.10 -0.01	46.45 2.75 -0.01	45.12 2.63 -0.01	43.14 2.44 -0.01	42.48 2.55 -0.01	46.38 2.75 -0.01	53.32 3.21 -0.01	58.42 3.57 -0.01	60.37 3.68 -0.01	60.42 3.69 -0.01	60.30 3.94 -0.01	60.17 3.88 -0.01	56.15 3.57 -0.01	54.18 3.35 -0.01	53.03 3.47 -0.01	52.85 3.32 -0.01	53.19 3.43 -0.01	56.52 3.70 -0.01	57.48 3.66 -0.01	61.00 4.20 -0.01	62.23 4.39 -0.03	56.51 3.65 -0.01	54.06 3.39 -0.01	49.42 3.15 -0.01
RIVERSDE_115KV_TB3 55908	48.43 0.76 0.00	44.34 0.66 0.00	43.16 0.68 0.00	41.34 0.65 0.00	40.64 0.72 0.00	44.28 0.65 0.00	51.01 0.90 0.00	55.89 1.04 0.00	57.87 1.19 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.35 1.07 0.00	53.47 0.89 0.00	51.69 0.86 0.00	50.49 0.94 0.00	50.46 0.94 0.00	50.79 1.04 0.00	53.92 1.11 0.00	54.89 1.08 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.76 0.90 0.00	51.47 0.81 0.00	47.00 0.74 0.00
ROARING___BROOK_WT_PWR 323790	47.48 -0.19 0.00	43.60 -0.09 0.00	42.39 -0.08 0.00	40.65 -0.04 0.00	39.88 -0.04 0.00	43.58 -0.04 0.00	49.96 -0.15 0.00	54.63 -0.22 0.00	56.34 -0.34 0.00	56.33 -0.39 0.00	56.02 -0.34 0.00	55.95 -0.34 0.00	52.36 -0.21 0.00	50.62 -0.20 0.00	49.35 -0.20 0.00	49.28 -0.25 0.00	49.50 -0.25 0.00	52.49 -0.31 0.00	53.50 -0.32 0.00	56.28 -0.51 0.00	57.28 -0.52 0.00	52.60 -0.26 0.00	50.45 -0.20 0.00	46.08 -0.18 0.00

ROCHESRG_115KV_T4 355643	46.38 -1.29 0.00	42.47 -1.22 0.00	41.29 -1.19 0.00	39.72 -0.98 0.00	38.52 -1.40 0.00	42.23 -1.40 0.00	48.50 -1.60 0.00	53.10 -1.76 0.00	55.09 -1.59 0.00	54.74 -1.99 0.00	54.78 -1.58 0.00	54.71 -1.58 0.00	50.94 -1.63 0.00	49.40 -1.42 0.00	47.91 -1.63 0.00	48.14 -1.39 0.00	48.30 -1.44 0.00	51.28 -1.53 0.00	52.36 -1.45 0.00	55.59 -1.19 0.00	56.71 -1.10 0.00	51.49 -1.37 0.00	49.64 -1.01 0.00	45.34 -0.93 0.00
ROCHESTER_9_IC 23652	46.57 -1.10 0.00	42.64 -1.05 0.00	41.50 -0.98 0.00	39.92 -0.77 0.00	38.72 -1.20 0.00	42.44 -1.18 0.00	48.70 -1.40 0.00	53.37 -1.48 0.00	55.32 -1.36 0.00	55.02 -1.70 0.00	55.11 -1.24 0.00	54.99 -1.29 0.00	51.20 -1.37 0.00	49.65 -1.17 0.00	48.16 -1.39 0.00	48.38 -1.14 0.00	48.55 -1.19 0.00	51.54 -1.27 0.00	52.63 -1.18 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	51.75 -1.11 0.00	49.90 -0.76 0.00	45.52 -0.74 0.00
ROCKVIEW_13_KV_LD 356306	50.19 2.53 0.00	45.87 2.18 0.00	44.56 2.08 0.00	42.61 1.91 0.00	41.96 2.04 0.00	45.80 2.18 0.00	52.71 2.61 0.00	57.70 2.85 0.00	60.19 3.51 0.00	60.24 3.52 0.00	60.02 3.66 0.00	59.77 3.49 0.00	55.83 3.26 0.00	53.87 3.05 0.00	52.71 3.17 0.00	52.59 3.07 0.00	52.88 3.13 0.00	56.08 3.27 0.00	57.04 3.23 0.00	60.53 3.75 0.00	61.67 3.87 0.01	55.77 2.91 0.00	53.39 2.74 0.00	48.76 2.50 0.00
ROME____115KV_TB2 80656	49.05 1.38 0.00	44.96 1.27 0.00	43.75 1.27 0.00	41.87 1.18 0.00	41.08 1.16 0.00	44.93 1.31 0.00	51.66 1.55 0.00	56.55 1.70 0.00	58.55 1.87 0.00	58.65 1.93 0.00	58.21 1.86 0.00	57.97 1.69 0.00	54.10 1.52 0.00	52.25 1.42 0.00	50.93 1.39 0.00	50.86 1.34 0.00	51.04 1.29 0.00	54.18 1.37 0.00	55.49 1.67 0.00	59.00 2.21 0.00	59.94 2.14 0.00	54.55 1.69 0.00	52.18 1.52 0.00	47.56 1.30 0.00
ROSETON___1 23587	49.29 1.62 0.00	45.18 1.49 0.00	43.92 1.45 0.00	41.99 1.30 0.00	41.24 1.32 0.00	45.06 1.44 0.00	51.86 1.75 0.00	56.82 1.97 0.00	59.06 2.38 0.00	59.22 2.49 0.00	58.89 2.54 0.00	58.76 2.47 0.00	54.73 2.16 0.00	52.86 2.04 0.00	51.67 2.13 0.00	51.60 2.08 0.00	51.88 2.14 0.00	55.03 2.22 0.00	56.02 2.21 0.00	59.40 2.61 0.00	60.46 2.66 0.00	54.82 1.96 0.00	52.48 1.82 0.00	47.98 1.71 0.00
ROSETON___2 23588	49.29 1.62 0.00	45.18 1.49 0.00	43.92 1.45 0.00	41.99 1.30 0.00	41.24 1.32 0.00	45.06 1.44 0.00	51.86 1.75 0.00	56.82 1.97 0.00	59.06 2.38 0.00	59.22 2.49 0.00	58.89 2.54 0.00	58.76 2.47 0.00	54.73 2.16 0.00	52.86 2.04 0.00	51.67 2.13 0.00	51.60 2.08 0.00	51.88 2.14 0.00	55.03 2.22 0.00	56.02 2.21 0.00	59.40 2.61 0.00	60.46 2.66 0.00	54.82 1.96 0.00	52.48 1.82 0.00	47.98 1.71 0.00
ROTRDAM_115KV_TB3 80664	48.91 1.24 0.00	44.83 1.14 0.00	43.58 1.10 0.00	41.71 1.02 0.00	40.96 1.04 0.00	44.71 1.09 0.00	51.46 1.35 0.00	56.33 1.48 0.00	58.32 1.64 0.00	58.31 1.59 0.00	58.10 1.75 0.00	57.80 1.52 0.00	53.89 1.31 0.00	52.14 1.32 0.00	50.88 1.34 0.00	50.86 1.34 0.00	51.19 1.44 0.00	54.34 1.53 0.00	55.38 1.56 0.00	58.72 1.93 0.00	59.71 1.91 0.00	54.29 1.43 0.00	52.02 1.37 0.00	47.51 1.25 0.00
RUSSELL___1 23602	46.76 -0.91 0.00	42.82 -0.87 0.00	41.67 -0.81 0.00	40.08 -0.61 0.00	38.84 -1.08 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.59 -1.26 0.00	55.60 -1.08 0.00	55.25 -1.47 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.47 -1.10 0.00	49.91 -0.91 0.00	48.36 -1.19 0.00	48.63 -0.89 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	52.90 -0.91 0.00	56.16 -0.62 0.00	57.28 -0.52 0.00	51.96 -0.90 0.00	50.15 -0.51 0.00	45.71 -0.56 0.00
RUSSELL___2 23532	46.76 -0.91 0.00	42.82 -0.87 0.00	41.67 -0.81 0.00	40.08 -0.61 0.00	38.84 -1.08 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.59 -1.26 0.00	55.60 -1.08 0.00	55.25 -1.47 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.47 -1.10 0.00	49.91 -0.91 0.00	48.36 -1.19 0.00	48.63 -0.89 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	52.90 -0.91 0.00	56.16 -0.62 0.00	57.28 -0.52 0.00	51.96 -0.90 0.00	50.15 -0.51 0.00	45.71 -0.56 0.00
RUSSELL___3 23549	46.76 -0.91 0.00	42.82 -0.87 0.00	41.67 -0.81 0.00	40.08 -0.61 0.00	38.84 -1.08 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.59 -1.26 0.00	55.60 -1.08 0.00	55.25 -1.47 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.47 -1.10 0.00	49.91 -0.91 0.00	48.36 -1.19 0.00	48.63 -0.89 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	52.90 -0.91 0.00	56.16 -0.62 0.00	57.28 -0.52 0.00	51.96 -0.90 0.00	50.15 -0.51 0.00	45.71 -0.56 0.00
RUSSELL___4 23556	46.76 -0.91 0.00	42.82 -0.87 0.00	41.67 -0.81 0.00	40.08 -0.61 0.00	38.84 -1.08 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.59 -1.26 0.00	55.60 -1.08 0.00	55.25 -1.47 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.47 -1.10 0.00	49.91 -0.91 0.00	48.36 -1.19 0.00	48.63 -0.89 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	52.90 -0.91 0.00	56.16 -0.62 0.00	57.28 -0.52 0.00	51.96 -0.90 0.00	50.15 -0.51 0.00	45.71 -0.56 0.00
RUSSELL___STATION 23914	46.76 -0.91 0.00	42.82 -0.87 0.00	41.67 -0.81 0.00	40.08 -0.61 0.00	38.84 -1.08 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.59 -1.26 0.00	55.60 -1.08 0.00	55.25 -1.47 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.47 -1.10 0.00	49.91 -0.91 0.00	48.36 -1.19 0.00	48.63 -0.89 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	52.90 -0.91 0.00	56.16 -0.62 0.00	57.28 -0.52 0.00	51.96 -0.90 0.00	50.15 -0.51 0.00	45.71 -0.56 0.00
S SALMON___HYD 24043	47.24 -0.43 0.00	43.21 -0.48 0.00	42.05 -0.42 0.00	40.29 -0.41 0.00	39.52 -0.40 0.00	43.14 -0.48 0.00	49.45 -0.65 0.00	54.14 -0.71 0.00	56.00 -0.68 0.00	56.27 -0.46 0.00	55.79 -0.56 0.00	55.67 -0.62 0.00	51.89 -0.68 0.00	50.16 -0.66 0.00	48.70 -0.84 0.00	48.73 -0.79 0.00	48.90 -0.85 0.00	51.96 -0.85 0.00	53.17 -0.64 0.00	56.45 -0.34 0.00	57.46 -0.34 0.00	52.43 -0.42 0.00	50.25 -0.41 0.00	45.80 -0.46 0.00
S.PERRY__115KV_TB1 80734	47.95 0.29 0.00	43.86 0.17 0.00	42.69 0.21 0.00	41.06 0.37 0.00	39.80 -0.12 0.00	43.67 0.04 0.00	50.21 0.10 0.00	55.02 0.16 0.00	56.79 0.11 0.00	56.27 -0.45 0.00	56.02 -0.34 0.00	55.72 -0.56 0.00	51.84 -0.74 0.00	50.31 -0.51 0.00	48.65 -0.89 0.00	48.98 -0.54 0.00	49.30 -0.45 0.00	52.54 -0.26 0.00	54.03 0.22 0.00	57.70 0.91 0.00	58.96 1.16 0.00	53.44 0.58 0.00	51.52 0.86 0.00	46.91 0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.09 -2.57 0.00	41.46 -2.23 0.00	40.31 -2.17 0.00	38.82 -1.87 0.00	37.33 -2.59 0.00	41.05 -2.57 0.00	47.25 -2.86 0.00	51.67 -3.18 0.00	53.50 -3.17 0.00	52.70 -4.03 0.00	53.20 -3.16 0.00	52.91 -3.38 0.00	49.42 -3.15 0.00	48.08 -2.74 0.00	46.32 -3.22 0.00	46.90 -2.62 0.00	47.16 -2.59 0.00	49.96 -2.85 0.00	51.13 -2.69 0.00	54.40 -2.39 0.00	55.32 -2.49 0.00	50.27 -2.59 0.00	48.53 -2.13 0.00	44.51 -1.76 0.00

SAWYER___23_KV_LOAD 55526	45.09 -2.57 0.00	41.46 -2.23 0.00	40.31 -2.17 0.00	38.82 -1.87 0.00	37.33 -2.59 0.00	41.05 -2.57 0.00	47.25 -2.86 0.00	51.67 -3.18 0.00	53.50 -3.17 0.00	52.70 -4.03 0.00	53.20 -3.16 0.00	52.91 -3.38 0.00	49.42 -3.15 0.00	48.08 -2.74 0.00	46.32 -3.22 0.00	46.90 -2.62 0.00	47.16 -2.59 0.00	49.96 -2.85 0.00	51.13 -2.69 0.00	54.40 -2.39 0.00	55.32 -2.49 0.00	50.27 -2.59 0.00	48.53 -2.13 0.00	44.51 -1.76 0.00
SELKIRK___I 23801	48.53 0.86 0.00	44.52 0.83 0.00	43.28 0.81 0.00	41.46 0.77 0.00	40.72 0.80 0.00	44.41 0.79 0.00	51.11 1.00 0.00	55.95 1.10 0.00	57.92 1.25 0.00	58.03 1.31 0.00	57.65 1.30 0.00	57.41 1.13 0.00	53.41 0.84 0.00	51.63 0.81 0.00	50.44 0.89 0.00	50.42 0.89 0.00	50.79 1.05 0.00	53.92 1.11 0.00	54.95 1.13 0.00	58.21 1.42 0.00	59.19 1.39 0.00	53.86 1.00 0.00	51.62 0.96 0.00	47.14 0.88 0.00
SELKIRK___II 23799	48.29 0.62 0.00	44.30 0.61 0.00	43.03 0.55 0.00	41.26 0.57 0.00	40.48 0.56 0.00	44.19 0.57 0.00	50.91 0.80 0.00	55.73 0.87 0.00	57.70 1.02 0.00	57.86 1.13 0.00	57.48 1.13 0.00	57.30 1.01 0.00	53.31 0.74 0.00	51.59 0.76 0.00	50.39 0.84 0.00	50.31 0.79 0.00	50.64 0.90 0.00	53.76 0.95 0.00	54.73 0.91 0.00	57.98 1.19 0.00	58.96 1.16 0.00	53.65 0.79 0.00	51.36 0.71 0.00	46.91 0.65 0.00
SENECA OSWGO___HYD 24041	46.95 -0.71 0.00	42.90 -0.79 0.00	41.71 -0.76 0.00	40.00 -0.69 0.00	39.24 -0.68 0.00	42.84 -0.78 0.00	49.25 -0.85 0.00	53.97 -0.88 0.00	55.88 -0.79 0.00	56.10 -0.62 0.00	55.62 -0.73 0.00	55.61 -0.67 0.00	51.78 -0.79 0.00	50.06 -0.76 0.00	48.70 -0.84 0.00	48.73 -0.79 0.00	48.90 -0.85 0.00	51.91 -0.90 0.00	52.95 -0.86 0.00	56.05 -0.74 0.00	57.11 -0.69 0.00	52.01 -0.85 0.00	49.84 -0.81 0.00	45.48 -0.79 0.00
SENECA___115KV_TB3 355854	45.62 -2.05 0.00	41.90 -1.79 0.00	40.78 -1.70 0.00	39.23 -1.46 0.00	37.77 -2.16 0.00	41.57 -2.05 0.00	47.80 -2.30 0.00	52.33 -2.52 0.00	54.18 -2.49 0.00	53.43 -3.29 0.00	53.87 -2.48 0.00	53.53 -2.76 0.00	50.00 -2.58 0.00	48.64 -2.19 0.00	46.82 -2.72 0.00	47.44 -2.08 0.00	47.65 -2.09 0.00	50.54 -2.27 0.00	51.72 -2.10 0.00	55.08 -1.70 0.00	55.95 -1.85 0.00	50.90 -1.96 0.00	49.09 -1.57 0.00	44.97 -1.30 0.00
SENECA___ENERGY 23797	47.38 -0.28 0.00	43.21 -0.48 0.00	42.05 -0.42 0.00	40.33 -0.37 0.00	39.48 -0.44 0.00	43.19 -0.44 0.00	49.65 -0.45 0.00	54.36 -0.49 0.00	56.28 -0.39 0.00	56.50 -0.23 0.00	55.90 -0.45 0.00	55.95 -0.34 0.00	52.10 -0.47 0.00	50.41 -0.41 0.00	48.95 -0.59 0.00	49.08 -0.45 0.00	49.34 -0.40 0.00	52.44 -0.37 0.00	53.44 -0.37 0.00	56.67 -0.11 0.00	57.75 -0.06 0.00	52.49 -0.37 0.00	50.50 -0.15 0.00	46.03 -0.23 0.00
SHOEMAKER___GT 23640	49.00 1.33 0.00	44.91 1.22 0.00	43.71 1.23 0.00	41.75 1.06 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.51 1.40 0.00	56.44 1.59 0.00	58.61 1.93 0.00	58.71 1.98 0.00	58.44 2.09 0.00	58.31 2.02 0.00	54.30 1.73 0.00	52.45 1.63 0.00	51.23 1.69 0.00	51.16 1.63 0.00	51.44 1.69 0.00	54.66 1.85 0.00	55.65 1.83 0.00	59.06 2.27 0.00	60.06 2.25 0.00	54.50 1.64 0.00	52.17 1.52 0.00	47.70 1.44 0.00
SHOEMAKR_138KV_BK 111 55601	49.05 1.38 0.00	44.87 1.18 0.00	43.67 1.19 0.00	41.75 1.06 0.00	41.08 1.16 0.00	44.80 1.18 0.00	51.56 1.45 0.00	56.44 1.59 0.00	58.66 1.98 0.00	58.65 1.93 0.00	58.44 2.09 0.00	58.25 1.97 0.00	54.41 1.84 0.00	52.45 1.63 0.00	51.28 1.73 0.00	51.21 1.68 0.00	51.49 1.74 0.00	54.71 1.90 0.00	55.65 1.83 0.00	59.00 2.21 0.00	60.06 2.25 0.00	54.50 1.64 0.00	52.18 1.52 0.00	47.70 1.43 0.00
SHOREHAM_IC_1 23715	48.19 0.53 0.00	44.13 0.44 0.00	42.78 0.30 0.00	40.69 0.00 0.00	40.04 0.12 0.00	43.93 0.31 0.00	51.41 1.30 0.00	55.43 1.10 0.51	58.32 1.64 0.00	58.48 1.76 0.00	57.14 0.79 0.00	57.18 0.90 0.00	53.15 0.58 0.00	51.18 0.36 0.00	50.18 0.64 0.00	50.21 0.69 0.00	50.58 0.84 0.00	53.80 1.00 0.00	54.89 1.08 0.00	58.14 1.36 0.00	59.03 1.50 0.27	53.22 0.37 0.01	51.66 1.01 0.01	47.61 1.34 0.00
SHOREHAM_IC_2 23716	48.19 0.53 0.00	44.13 0.44 0.00	42.78 0.30 0.00	40.69 0.00 0.00	40.04 0.12 0.00	43.93 0.31 0.00	51.41 1.30 0.00	55.43 1.10 0.51	58.32 1.64 0.00	58.48 1.76 0.00	57.14 0.79 0.00	57.18 0.90 0.00	53.15 0.58 0.00	51.18 0.36 0.00	50.18 0.64 0.00	50.21 0.69 0.00	50.58 0.84 0.00	53.80 1.00 0.00	54.89 1.08 0.00	58.14 1.36 0.00	59.03 1.50 0.27	53.22 0.37 0.01	51.66 1.01 0.01	47.61 1.34 0.00
SISSONVILLE____ 23735	46.57 -1.10 0.00	43.16 -0.52 0.00	41.97 -0.51 0.00	40.16 -0.53 0.00	39.44 -0.48 0.00	43.10 -0.52 0.00	48.90 -1.20 0.00	53.32 -1.54 0.00	54.81 -1.87 0.00	55.02 -1.70 0.00	54.38 -1.97 0.00	54.43 -1.86 0.00	51.10 -1.47 0.00	49.40 -1.42 0.00	48.06 -1.49 0.00	47.99 -1.54 0.00	48.10 -1.64 0.00	51.07 -1.74 0.00	52.15 -1.67 0.00	54.69 -2.10 0.00	55.78 -2.02 0.00	51.70 -1.16 0.00	49.49 -1.17 0.00	45.15 -1.11 0.00
SITHE_IND_GS1 24169	46.66 -1.00 0.00	42.64 -1.05 0.00	41.46 -1.02 0.00	39.76 -0.93 0.00	39.01 -0.92 0.00	42.62 -1.00 0.00	48.96 -1.15 0.00	53.59 -1.26 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	55.11 -1.24 0.00	55.10 -1.18 0.00	51.36 -1.21 0.00	49.66 -1.17 0.00	48.35 -1.19 0.00	48.33 -1.19 0.00	48.55 -1.19 0.00	51.54 -1.27 0.00	52.53 -1.29 0.00	55.59 -1.20 0.00	56.59 -1.22 0.00	51.59 -1.27 0.00	49.49 -1.16 0.00	45.20 -1.06 0.00
SITHE_IND_GS2 24170	46.66 -1.00 0.00	42.64 -1.05 0.00	41.46 -1.02 0.00	39.76 -0.93 0.00	39.01 -0.92 0.00	42.62 -1.00 0.00	48.96 -1.15 0.00	53.59 -1.26 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	55.11 -1.24 0.00	55.10 -1.18 0.00	51.36 -1.21 0.00	49.66 -1.17 0.00	48.35 -1.19 0.00	48.33 -1.19 0.00	48.55 -1.19 0.00	51.54 -1.27 0.00	52.53 -1.29 0.00	55.59 -1.20 0.00	56.59 -1.22 0.00	51.59 -1.27 0.00	49.49 -1.16 0.00	45.20 -1.06 0.00
SITHE_IND_GS3 24171	46.66 -1.00 0.00	42.64 -1.05 0.00	41.46 -1.02 0.00	39.76 -0.93 0.00	39.01 -0.92 0.00	42.62 -1.00 0.00	48.96 -1.15 0.00	53.59 -1.26 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	55.11 -1.24 0.00	55.10 -1.18 0.00	51.36 -1.21 0.00	49.66 -1.17 0.00	48.35 -1.19 0.00	48.33 -1.19 0.00	48.55 -1.19 0.00	51.54 -1.27 0.00	52.53 -1.29 0.00	55.59 -1.20 0.00	56.59 -1.22 0.00	51.59 -1.27 0.00	49.49 -1.16 0.00	45.20 -1.06 0.00
SITHE_IND_GS4 24172	46.66 -1.00 0.00	42.64 -1.05 0.00	41.46 -1.02 0.00	39.76 -0.93 0.00	39.01 -0.92 0.00	42.62 -1.00 0.00	48.96 -1.15 0.00	53.59 -1.26 0.00	55.43 -1.25 0.00	55.59 -1.13 0.00	55.11 -1.24 0.00	55.10 -1.18 0.00	51.36 -1.21 0.00	49.66 -1.17 0.00	48.35 -1.19 0.00	48.33 -1.19 0.00	48.55 -1.19 0.00	51.54 -1.27 0.00	52.53 -1.29 0.00	55.59 -1.20 0.00	56.59 -1.22 0.00	51.59 -1.27 0.00	49.49 -1.16 0.00	45.20 -1.06 0.00

SITHE___BATAVIA 24024	46.62 -1.05 0.00	42.25 -1.44 0.00	41.12 -1.36 0.00	39.68 -1.02 0.00	38.61 -1.32 0.00	42.09 -1.53 0.00	48.20 -1.90 0.00	52.82 -2.03 0.00	54.75 -1.93 0.00	55.14 -1.59 0.00	54.38 -1.97 0.00	54.71 -1.58 0.00	50.78 -1.79 0.00	49.04 -1.78 0.00	47.32 -2.23 0.00	47.79 -1.73 0.00	47.96 -1.79 0.00	51.01 -1.80 0.00	52.20 -1.61 0.00	55.54 -1.25 0.00	56.70 -1.10 0.00	51.38 -1.48 0.00	49.64 -1.01 0.00	45.34 -0.92 0.00
SITHE___INDEPEND 23800	46.57 -1.10 0.00	42.68 -1.00 0.00	41.50 -0.98 0.00	39.76 -0.94 0.00	38.96 -0.96 0.00	42.57 -1.05 0.00	48.95 -1.15 0.00	53.59 -1.26 0.00	55.43 -1.25 0.00	55.42 -1.30 0.00	55.11 -1.24 0.00	55.04 -1.24 0.00	51.31 -1.26 0.00	49.65 -1.17 0.00	48.36 -1.19 0.00	48.33 -1.19 0.00	48.55 -1.19 0.00	51.54 -1.27 0.00	52.53 -1.29 0.00	55.59 -1.19 0.00	56.59 -1.21 0.00	51.59 -1.27 0.00	49.49 -1.17 0.00	45.20 -1.06 0.00
SITHE___MASSENA 23902	47.57 -0.10 0.00	44.04 0.35 0.00	42.78 0.30 0.00	41.02 0.32 0.00	40.24 0.32 0.00	43.97 0.35 0.00	49.96 -0.15 0.00	54.52 -0.33 0.00	56.11 -0.57 0.00	55.93 -0.79 0.00	55.68 -0.67 0.00	55.61 -0.67 0.00	52.31 -0.26 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.23 -0.30 0.00	49.30 -0.45 0.00	52.33 -0.48 0.00	53.33 -0.49 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	52.70 -0.16 0.00	50.55 -0.10 0.00	46.17 -0.09 0.00
SITHE___OGDNSBRG 24021	47.81 0.14 0.00	44.34 0.66 0.00	43.07 0.59 0.00	41.26 0.57 0.00	40.52 0.60 0.00	44.28 0.65 0.00	50.26 0.15 0.00	54.74 -0.11 0.00	56.11 -0.57 0.00	56.16 -0.57 0.00	55.45 -0.90 0.00	55.61 -0.68 0.00	52.20 -0.37 0.00	50.47 -0.36 0.00	49.10 -0.45 0.00	49.13 -0.40 0.00	49.25 -0.50 0.00	52.33 -0.48 0.00	53.55 -0.27 0.00	56.22 -0.57 0.00	57.34 -0.46 0.00	53.07 0.21 0.00	50.86 0.20 0.00	46.36 0.09 0.00
SITHE___STERLING 23777	48.76 1.10 0.00	44.65 0.96 0.00	43.41 0.93 0.00	41.59 0.89 0.00	40.84 0.92 0.00	44.63 1.00 0.00	51.36 1.25 0.00	56.22 1.37 0.00	58.15 1.47 0.00	58.42 1.70 0.00	57.82 1.46 0.00	57.69 1.41 0.00	53.78 1.21 0.00	51.94 1.12 0.00	50.63 1.09 0.00	50.61 1.09 0.00	50.79 1.05 0.00	53.92 1.11 0.00	55.16 1.35 0.00	58.55 1.76 0.00	59.54 1.73 0.00	54.18 1.32 0.00	51.87 1.21 0.00	47.28 1.02 0.00
SLEIGHT__34_KV_TB1 80719	46.71 -0.95 0.00	42.77 -0.92 0.00	41.58 -0.89 0.00	39.96 -0.73 0.00	38.92 -1.00 0.00	42.66 -0.96 0.00	49.00 -1.10 0.00	53.75 -1.10 0.00	55.77 -0.91 0.00	55.59 -1.13 0.00	55.51 -0.85 0.00	55.38 -0.90 0.00	51.57 -1.00 0.00	50.01 -0.81 0.00	48.50 -1.04 0.00	48.68 -0.84 0.00	48.80 -0.95 0.00	51.80 -1.00 0.00	52.90 -0.91 0.00	56.11 -0.68 0.00	57.23 -0.58 0.00	51.96 -0.90 0.00	50.00 -0.66 0.00	45.57 -0.69 0.00
SOUTH CAIRO___GT 23612	49.34 1.67 0.00	45.17 1.49 0.00	44.05 1.57 0.00	42.16 1.46 0.00	41.40 1.48 0.00	45.10 1.48 0.00	51.91 1.80 0.00	56.83 1.97 0.00	59.00 2.32 0.00	58.88 2.16 0.00	58.72 2.37 0.00	58.20 1.91 0.00	54.15 1.58 0.00	52.35 1.52 0.00	51.08 1.54 0.00	51.11 1.58 0.00	51.63 1.89 0.00	55.18 2.38 0.00	56.13 2.31 0.00	59.68 2.90 0.00	60.52 2.72 0.00	54.92 2.06 0.00	52.58 1.92 0.00	48.02 1.76 0.00
SOUTH HAMPTN___IC 23720	48.53 0.86 0.00	44.43 0.74 0.00	43.03 0.55 0.00	40.94 0.25 0.00	40.32 0.40 0.00	44.23 0.61 0.00	51.66 1.55 0.00	55.71 1.37 0.51	58.77 2.10 0.00	58.93 2.21 0.00	57.59 1.24 0.00	57.69 1.41 0.00	53.62 1.05 0.00	51.58 0.76 0.00	50.53 0.99 0.00	50.61 1.09 0.00	50.93 1.19 0.00	54.28 1.48 0.00	55.27 1.45 0.00	58.60 1.82 0.00	59.50 1.97 0.27	53.59 0.74 0.01	51.86 1.21 0.01	47.88 1.62 0.00
SOUTHDOW_115KV_TB1 355954	47.29 -0.38 0.00	43.43 -0.26 0.00	42.22 -0.25 0.00	40.61 -0.08 0.00	39.16 -0.76 0.00	43.23 -0.39 0.00	49.81 -0.30 0.00	54.74 -0.11 0.00	56.45 -0.23 0.00	55.87 -0.85 0.00	56.24 -0.11 0.00	55.83 -0.45 0.00	52.10 -0.47 0.00	50.62 -0.20 0.00	48.60 -0.94 0.00	49.18 -0.35 0.00	49.45 -0.30 0.00	52.49 -0.32 0.00	53.76 -0.05 0.00	57.36 0.57 0.00	58.21 0.40 0.00	52.86 0.00 0.00	50.91 0.25 0.00	46.54 0.28 0.00
SOUTHOLD_69_KV_BK 2 55809	48.62 0.95 0.00	44.43 0.74 0.00	42.99 0.51 0.00	40.98 0.28 0.00	40.60 0.68 0.00	44.63 1.00 0.00	51.71 1.60 0.00	55.82 1.48 0.51	59.11 2.44 0.00	59.10 2.38 0.00	57.53 1.18 0.00	57.74 1.46 0.00	53.88 1.31 0.00	51.58 0.76 0.00	50.68 1.14 0.00	50.56 1.04 0.00	50.93 1.19 0.00	54.65 1.85 0.00	55.37 1.56 0.00	58.66 1.87 0.00	59.56 2.02 0.27	53.54 0.69 0.01	51.81 1.17 0.01	47.93 1.67 0.00
SOUTHOLD___IC 23719	48.53 0.86 0.00	44.43 0.74 0.00	43.03 0.55 0.00	40.94 0.25 0.00	40.32 0.40 0.00	44.28 0.66 0.00	51.71 1.60 0.00	55.82 1.48 0.51	59.00 2.32 0.00	59.10 2.38 0.00	57.53 1.19 0.00	57.80 1.52 0.00	53.67 1.11 0.00	51.58 0.76 0.00	50.53 0.99 0.00	50.61 1.09 0.00	50.93 1.19 0.00	54.39 1.58 0.00	55.37 1.56 0.00	58.65 1.87 0.00	59.55 2.02 0.27	53.54 0.69 0.01	51.81 1.17 0.01	47.98 1.71 0.00
SOUTH_FORK_WT_PWR 323839	48.05 0.38 0.00	44.04 0.35 0.00	42.60 0.13 0.00	40.53 -0.16 0.00	39.96 0.04 0.00	43.89 0.26 0.00	51.26 1.15 0.00	55.32 0.99 0.51	58.49 1.81 0.00	58.59 1.87 0.00	56.86 0.51 0.00	57.18 0.90 0.00	53.04 0.47 0.00	51.02 0.20 0.00	49.93 0.39 0.00	50.01 0.50 0.00	50.34 0.60 0.00	53.75 0.95 0.00	54.67 0.86 0.00	57.92 1.14 0.00	58.80 1.27 0.27	52.85 0.00 0.01	51.15 0.51 0.01	47.56 1.29 0.00
SPIERFLS_115KV_TB 1 80737	50.24 2.57 0.00	46.00 2.32 0.00	44.77 2.29 0.00	42.77 2.08 0.00	42.04 2.12 0.00	45.80 2.18 0.00	52.76 2.66 0.00	57.76 2.91 0.00	59.91 3.23 0.00	60.01 3.29 0.00	59.90 3.55 0.00	59.49 3.21 0.00	55.15 2.58 0.00	53.52 2.69 0.00	52.17 2.63 0.00	52.20 2.67 0.00	52.63 2.89 0.00	55.82 3.01 0.00	56.99 3.18 0.00	60.54 3.75 0.00	61.50 3.70 0.00	55.66 2.80 0.00	53.29 2.63 0.00	48.58 2.31 0.00
ST LAWRENCE____ 23600	47.34 -0.33 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.80 -0.12 0.00	43.53 -0.09 0.00	49.70 -0.40 0.00	54.30 -0.55 0.00	55.88 -0.79 0.00	55.71 -1.02 0.00	55.45 -0.90 0.00	55.38 -0.90 0.00	52.05 -0.53 0.00	50.31 -0.51 0.00	49.00 -0.54 0.00	48.98 -0.54 0.00	49.15 -0.59 0.00	52.18 -0.63 0.00	53.17 -0.64 0.00	55.65 -1.14 0.00	56.70 -1.10 0.00	52.43 -0.42 0.00	50.25 -0.41 0.00	45.94 -0.32 0.00
STATE_CA_115KV_115_LB 55624	48.38 0.72 0.00	44.34 0.66 0.00	43.16 0.68 0.00	41.34 0.65 0.00	40.64 0.72 0.00	44.28 0.65 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.87 1.19 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.41 1.13 0.00	53.47 0.89 0.00	51.69 0.86 0.00	50.49 0.94 0.00	50.46 0.94 0.00	50.79 1.04 0.00	53.92 1.11 0.00	54.89 1.08 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.71 0.85 0.00	51.42 0.76 0.00	46.96 0.69 0.00

STATE_ST_34_KV_LOAD 55959	47.67 0.00 0.00	43.65 -0.04 0.00	42.43 -0.04 0.00	40.69 0.00 0.00	39.80 -0.12 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	55.02 0.16 0.00	56.96 0.28 0.00	56.95 0.23 0.00	56.64 0.28 0.00	56.45 0.17 0.00	52.62 0.05 0.00	51.03 0.20 0.00	49.59 0.05 0.00	49.67 0.15 0.00	49.89 0.15 0.00	52.97 0.16 0.00	54.09 0.27 0.00	57.30 0.51 0.00	58.32 0.52 0.00	53.07 0.21 0.00	50.91 0.25 0.00	46.36 0.09 0.00
STATION 5_MISC_HYD 23604	46.90 -0.76 0.00	42.60 -1.09 0.00	41.46 -1.02 0.00	39.92 -0.77 0.00	38.96 -0.96 0.00	42.49 -1.13 0.00	48.70 -1.40 0.00	53.37 -1.48 0.00	55.32 -1.36 0.00	55.65 -1.08 0.00	55.11 -1.24 0.00	55.33 -0.96 0.00	51.41 -1.16 0.00	49.70 -1.12 0.00	48.16 -1.39 0.00	48.39 -1.14 0.00	48.55 -1.19 0.00	51.60 -1.21 0.00	52.63 -1.18 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	51.75 -1.11 0.00	49.90 -0.76 0.00	45.52 -0.74 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.10 -0.57 0.00	43.08 -0.61 0.00	41.88 -0.59 0.00	40.25 -0.45 0.00	39.20 -0.72 0.00	42.92 -0.70 0.00	49.35 -0.75 0.00	54.08 -0.77 0.00	56.00 -0.68 0.00	55.82 -0.91 0.00	55.73 -0.62 0.00	55.61 -0.68 0.00	51.84 -0.74 0.00	50.21 -0.61 0.00	48.75 -0.79 0.00	48.88 -0.64 0.00	49.05 -0.70 0.00	52.02 -0.79 0.00	53.17 -0.65 0.00	56.45 -0.34 0.00	57.51 -0.29 0.00	52.23 -0.63 0.00	50.35 -0.30 0.00	45.89 -0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.38 -1.29 0.00	42.47 -1.22 0.00	41.33 -1.15 0.00	39.72 -0.98 0.00	38.56 -1.36 0.00	42.27 -1.35 0.00	48.50 -1.60 0.00	53.15 -1.70 0.00	55.15 -1.53 0.00	54.85 -1.87 0.00	54.89 -1.47 0.00	54.82 -1.46 0.00	51.05 -1.52 0.00	49.50 -1.32 0.00	48.01 -1.54 0.00	48.24 -1.29 0.00	48.35 -1.39 0.00	51.33 -1.48 0.00	52.42 -1.40 0.00	55.65 -1.14 0.00	56.76 -1.04 0.00	51.54 -1.32 0.00	49.69 -0.96 0.00	45.34 -0.93 0.00
STA_56___34_KV_BUS2 355983	46.38 -1.29 0.00	42.47 -1.22 0.00	41.33 -1.15 0.00	39.72 -0.98 0.00	38.56 -1.36 0.00	42.27 -1.35 0.00	48.50 -1.60 0.00	53.15 -1.70 0.00	55.15 -1.53 0.00	54.85 -1.87 0.00	54.89 -1.47 0.00	54.82 -1.46 0.00	51.05 -1.52 0.00	49.50 -1.32 0.00	48.01 -1.54 0.00	48.24 -1.29 0.00	48.35 -1.39 0.00	51.33 -1.48 0.00	52.42 -1.40 0.00	55.65 -1.14 0.00	56.76 -1.04 0.00	51.54 -1.32 0.00	49.69 -0.96 0.00	45.34 -0.93 0.00
STA_67___115KV_BK2 355882	46.48 -1.19 0.00	42.60 -1.09 0.00	41.41 -1.06 0.00	39.84 -0.85 0.00	38.64 -1.28 0.00	42.36 -1.27 0.00	48.60 -1.50 0.00	53.26 -1.59 0.00	55.26 -1.42 0.00	54.85 -1.87 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.10 -1.47 0.00	49.55 -1.27 0.00	48.06 -1.49 0.00	48.29 -1.24 0.00	48.45 -1.29 0.00	51.43 -1.37 0.00	52.53 -1.29 0.00	55.77 -1.02 0.00	56.88 -0.92 0.00	51.64 -1.22 0.00	49.79 -0.86 0.00	45.43 -0.83 0.00
STA_7___115KV_9TRANS 80674	46.76 -0.91 0.00	42.82 -0.87 0.00	41.67 -0.81 0.00	40.08 -0.61 0.00	38.84 -1.08 0.00	42.57 -1.05 0.00	48.90 -1.20 0.00	53.59 -1.26 0.00	55.60 -1.08 0.00	55.25 -1.47 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.47 -1.10 0.00	49.91 -0.91 0.00	48.36 -1.19 0.00	48.63 -0.89 0.00	48.75 -0.99 0.00	51.80 -1.00 0.00	52.90 -0.91 0.00	56.16 -0.62 0.00	57.28 -0.52 0.00	51.96 -0.90 0.00	50.15 -0.51 0.00	45.71 -0.56 0.00
STA_82___115KV_TB1 80780	46.48 -1.19 0.00	42.60 -1.09 0.00	41.41 -1.06 0.00	39.84 -0.85 0.00	38.64 -1.28 0.00	42.36 -1.27 0.00	48.60 -1.50 0.00	53.26 -1.59 0.00	55.20 -1.47 0.00	54.85 -1.87 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.10 -1.47 0.00	49.55 -1.27 0.00	48.06 -1.49 0.00	48.29 -1.24 0.00	48.45 -1.29 0.00	51.43 -1.37 0.00	52.53 -1.29 0.00	55.77 -1.02 0.00	56.88 -0.92 0.00	51.64 -1.22 0.00	49.79 -0.86 0.00	45.43 -0.83 0.00
STEEL___WIND 323596	46.10 -1.57 0.00	41.81 -1.88 0.00	40.69 -1.78 0.00	39.19 -1.50 0.00	38.17 -1.76 0.00	41.66 -1.96 0.00	47.80 -2.30 0.00	52.33 -2.52 0.00	54.07 -2.61 0.00	54.45 -2.27 0.00	53.82 -2.53 0.00	54.03 -2.25 0.00	50.31 -2.26 0.00	48.64 -2.18 0.00	46.82 -2.72 0.00	47.35 -2.18 0.00	47.61 -2.14 0.00	50.59 -2.22 0.00	51.66 -2.15 0.00	54.97 -1.82 0.00	55.95 -1.85 0.00	50.85 -2.01 0.00	49.03 -1.62 0.00	44.92 -1.34 0.00
STEPHTWN_115KV_BK_2 55603	48.67 1.00 0.00	44.56 0.87 0.00	43.37 0.89 0.00	41.55 0.85 0.00	40.84 0.92 0.00	44.49 0.87 0.00	51.31 1.20 0.00	56.22 1.37 0.00	58.26 1.59 0.00	58.37 1.65 0.00	58.04 1.69 0.00	57.75 1.46 0.00	53.78 1.21 0.00	52.04 1.22 0.00	50.78 1.24 0.00	50.76 1.24 0.00	51.09 1.34 0.00	54.23 1.43 0.00	55.27 1.45 0.00	58.60 1.82 0.00	59.60 1.79 0.00	54.08 1.22 0.00	51.77 1.11 0.00	47.28 1.02 0.00
STEUBEN_REC_LFGE 323667	47.57 -0.10 0.00	43.56 -0.13 0.00	42.43 -0.04 0.00	40.77 0.08 0.00	39.52 -0.40 0.00	43.49 -0.13 0.00	50.16 0.05 0.00	54.96 0.11 0.00	56.62 -0.06 0.00	56.21 -0.51 0.00	56.07 -0.28 0.00	55.66 -0.62 0.00	51.89 -0.68 0.00	50.42 -0.41 0.00	48.75 -0.79 0.00	49.13 -0.40 0.00	49.50 -0.25 0.00	52.49 -0.32 0.00	53.82 0.00 0.00	57.41 0.62 0.00	58.50 0.69 0.00	53.12 0.26 0.00	51.11 0.46 0.00	46.63 0.37 0.00
STILLWATER___SOLAR 323814	49.67 2.00 0.00	45.57 1.88 0.00	44.30 1.83 0.00	42.36 1.67 0.00	41.60 1.68 0.00	45.41 1.79 0.00	52.31 2.20 0.00	57.32 2.47 0.00	59.34 2.66 0.00	59.50 2.78 0.00	59.23 2.87 0.00	58.98 2.70 0.00	54.68 2.11 0.00	53.01 2.18 0.00	51.72 2.18 0.00	51.70 2.18 0.00	52.08 2.34 0.00	55.29 2.48 0.00	56.40 2.58 0.00	59.85 3.06 0.00	60.87 3.06 0.00	55.18 2.32 0.00	52.83 2.18 0.00	48.25 1.99 0.00
STONY___BROOK 24151	49.05 1.38 0.00	44.96 1.27 0.00	43.54 1.06 0.00	41.46 0.77 0.00	40.80 0.88 0.00	44.71 1.09 0.00	51.66 1.55 0.00	55.71 1.37 0.51	58.83 2.15 0.00	58.99 2.27 0.00	58.21 1.86 0.00	58.19 1.91 0.00	54.14 1.58 0.00	52.19 1.37 0.00	51.17 1.63 0.00	51.15 1.63 0.00	51.48 1.74 0.00	54.76 1.96 0.00	55.80 1.99 0.00	59.06 2.27 0.00	60.02 2.48 0.27	54.17 1.32 0.01	52.12 1.47 0.01	47.98 1.71 0.00
STURGEON_POOL_HYD 23609	49.43 1.76 0.00	45.17 1.49 0.00	43.92 1.44 0.00	42.00 1.30 0.00	41.32 1.40 0.00	45.06 1.44 0.00	51.86 1.75 0.00	56.83 1.97 0.00	59.17 2.49 0.00	59.16 2.44 0.00	59.00 2.65 0.00	58.76 2.48 0.00	54.88 2.31 0.00	52.91 2.08 0.00	51.77 2.23 0.00	51.60 2.08 0.00	51.93 2.19 0.00	55.18 2.38 0.00	56.08 2.26 0.00	59.51 2.73 0.00	60.52 2.72 0.00	54.87 2.01 0.00	52.53 1.87 0.00	48.02 1.76 0.00
ST_LAW_115_BK7_LBMP 345037	47.28 -0.38 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.80 -0.12 0.00	43.49 -0.13 0.00	49.65 -0.45 0.00	54.25 -0.60 0.00	55.83 -0.85 0.00	55.59 -1.13 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.99 -0.58 0.00	50.26 -0.56 0.00	48.95 -0.59 0.00	48.93 -0.59 0.00	49.05 -0.70 0.00	52.07 -0.74 0.00	53.06 -0.75 0.00	55.54 -1.25 0.00	56.59 -1.22 0.00	52.38 -0.48 0.00	50.20 -0.46 0.00	45.85 -0.42 0.00

ST_LAW_115_BK8_LBMP 345038	47.28 -0.38 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.80 -0.12 0.00	43.49 -0.13 0.00	49.65 -0.45 0.00	54.25 -0.60 0.00	55.83 -0.85 0.00	55.59 -1.13 0.00	55.34 -1.01 0.00	55.27 -1.01 0.00	51.99 -0.58 0.00	50.26 -0.56 0.00	48.95 -0.59 0.00	48.93 -0.59 0.00	49.05 -0.70 0.00	52.07 -0.74 0.00	53.06 -0.75 0.00	55.54 -1.25 0.00	56.59 -1.22 0.00	52.38 -0.48 0.00	50.20 -0.46 0.00	45.85 -0.42 0.00
ST_LAW_230_BK5_LBMP 345035	47.34 -0.33 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.80 -0.12 0.00	43.53 -0.09 0.00	49.70 -0.40 0.00	54.30 -0.55 0.00	55.88 -0.79 0.00	55.71 -1.02 0.00	55.45 -0.90 0.00	55.38 -0.90 0.00	52.05 -0.53 0.00	50.31 -0.51 0.00	49.00 -0.54 0.00	48.98 -0.54 0.00	49.15 -0.59 0.00	52.18 -0.63 0.00	53.17 -0.64 0.00	55.65 -1.14 0.00	56.70 -1.10 0.00	52.43 -0.42 0.00	50.25 -0.41 0.00	45.94 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	47.34 -0.33 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.80 -0.12 0.00	43.53 -0.09 0.00	49.70 -0.40 0.00	54.30 -0.55 0.00	55.88 -0.79 0.00	55.71 -1.02 0.00	55.45 -0.90 0.00	55.38 -0.90 0.00	52.05 -0.53 0.00	50.31 -0.51 0.00	49.00 -0.54 0.00	48.98 -0.54 0.00	49.15 -0.59 0.00	52.18 -0.63 0.00	53.17 -0.64 0.00	55.65 -1.14 0.00	56.70 -1.10 0.00	52.43 -0.42 0.00	50.25 -0.41 0.00	45.94 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.29 1.62 0.00	45.09 1.40 0.00	43.84 1.36 0.00	41.91 1.22 0.00	41.24 1.32 0.00	44.97 1.35 0.00	51.76 1.65 0.00	56.77 1.92 0.00	59.00 2.32 0.00	59.05 2.33 0.00	58.83 2.48 0.00	58.59 2.31 0.00	54.73 2.16 0.00	52.75 1.93 0.00	51.63 2.08 0.00	51.50 1.98 0.00	51.78 2.04 0.00	54.97 2.17 0.00	55.92 2.10 0.00	59.34 2.56 0.00	60.35 2.54 0.00	54.76 1.90 0.00	52.43 1.77 0.00	47.88 1.62 0.00
SWANROAD_115KV_TB1 355699	44.14 -3.53 0.00	40.59 -3.10 0.00	39.46 -3.02 0.00	38.01 -2.69 0.00	36.49 -3.43 0.00	40.18 -3.45 0.00	46.20 -3.91 0.00	50.46 -4.39 0.00	52.31 -4.36 0.00	51.45 -5.28 0.00	52.01 -4.34 0.00	51.67 -4.62 0.00	48.31 -4.26 0.00	46.96 -3.86 0.00	45.28 -4.26 0.00	45.86 -3.66 0.00	46.11 -3.63 0.00	48.85 -3.96 0.00	50.00 -3.82 0.00	53.21 -3.58 0.00	54.10 -3.70 0.00	49.16 -3.70 0.00	47.52 -3.14 0.00	43.58 -2.68 0.00
SYNERGY___BIOGAS 323694	46.14 -1.53 0.00	42.29 -1.40 0.00	41.16 -1.32 0.00	39.68 -1.02 0.00	38.21 -1.72 0.00	42.01 -1.61 0.00	48.20 -1.90 0.00	52.82 -2.03 0.00	54.75 -1.93 0.00	54.06 -2.67 0.00	54.38 -1.97 0.00	54.20 -2.08 0.00	50.47 -2.10 0.00	48.99 -1.83 0.00	47.31 -2.23 0.00	47.79 -1.73 0.00	47.95 -1.79 0.00	50.96 -1.85 0.00	52.20 -1.61 0.00	55.59 -1.19 0.00	56.71 -1.10 0.00	51.38 -1.48 0.00	49.69 -0.96 0.00	45.34 -0.93 0.00
SYRACUSE___ENERGY_ST1 323597	47.57 -0.10 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.72 -0.20 0.00	43.49 -0.13 0.00	50.01 -0.10 0.00	54.80 -0.05 0.00	56.73 0.06 0.00	56.78 0.06 0.00	56.47 0.11 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.69 -0.05 0.00	52.70 -0.11 0.00	53.76 -0.05 0.00	56.96 0.17 0.00	57.98 0.17 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.17 -0.09 0.00
SYRACUSE___ENERGY_ST2 323598	47.57 -0.10 0.00	43.56 -0.13 0.00	42.35 -0.13 0.00	40.57 -0.12 0.00	39.72 -0.20 0.00	43.49 -0.13 0.00	50.01 -0.10 0.00	54.80 -0.05 0.00	56.73 0.06 0.00	56.78 0.06 0.00	56.47 0.11 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.47 -0.05 0.00	49.69 -0.05 0.00	52.70 -0.11 0.00	53.76 -0.05 0.00	56.96 0.17 0.00	57.98 0.17 0.00	52.81 -0.05 0.00	50.61 -0.05 0.00	46.17 -0.09 0.00
SYRACUSE___POWER 24017	47.48 -0.19 0.00	43.47 -0.22 0.00	42.22 -0.25 0.00	40.49 -0.20 0.00	39.64 -0.28 0.00	43.36 -0.26 0.00	49.91 -0.20 0.00	54.69 -0.16 0.00	56.62 -0.06 0.00	56.61 -0.11 0.00	56.35 0.00 0.00	56.23 -0.06 0.00	52.41 -0.16 0.00	50.72 -0.10 0.00	49.35 -0.20 0.00	49.37 -0.15 0.00	49.59 -0.15 0.00	52.65 -0.16 0.00	53.66 -0.16 0.00	56.84 0.06 0.00	57.86 0.06 0.00	52.70 -0.16 0.00	50.50 -0.15 0.00	46.08 -0.19 0.00
TALLMAN___138KV_BK151 55660	49.57 1.91 0.00	45.31 1.62 0.00	44.05 1.57 0.00	42.12 1.42 0.00	41.48 1.56 0.00	45.24 1.61 0.00	52.06 1.95 0.00	57.15 2.30 0.00	59.40 2.72 0.00	59.39 2.67 0.00	59.23 2.87 0.00	58.99 2.70 0.00	55.10 2.52 0.00	53.11 2.29 0.00	51.97 2.43 0.00	51.85 2.33 0.00	52.13 2.39 0.00	55.34 2.53 0.00	56.24 2.42 0.00	59.74 2.95 0.00	60.76 2.95 -0.01	55.08 2.22 0.00	52.73 2.08 0.00	48.16 1.90 0.00
TEALLAVE_115KV_TB7 355573	47.33 -0.33 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.37 -0.33 0.00	39.52 -0.40 0.00	43.23 -0.39 0.00	49.76 -0.35 0.00	54.52 -0.33 0.00	56.45 -0.23 0.00	56.44 -0.28 0.00	56.19 -0.17 0.00	56.06 -0.23 0.00	52.26 -0.32 0.00	50.57 -0.25 0.00	49.20 -0.35 0.00	49.23 -0.30 0.00	49.45 -0.30 0.00	52.44 -0.37 0.00	53.49 -0.32 0.00	56.67 -0.11 0.00	57.69 -0.12 0.00	52.54 -0.32 0.00	50.35 -0.30 0.00	45.94 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	45.33 -2.34 0.00	41.64 -2.05 0.00	40.48 -2.00 0.00	39.02 -1.67 0.00	37.53 -2.40 0.00	41.27 -2.36 0.00	47.40 -2.71 0.00	51.89 -2.96 0.00	53.79 -2.89 0.00	53.04 -3.69 0.00	53.48 -2.87 0.00	53.24 -3.04 0.00	49.63 -2.94 0.00	48.23 -2.59 0.00	46.52 -3.02 0.00	47.05 -2.48 0.00	47.26 -2.49 0.00	50.17 -2.64 0.00	51.34 -2.48 0.00	54.63 -2.16 0.00	55.61 -2.20 0.00	50.48 -2.38 0.00	48.78 -1.87 0.00	44.64 -1.62 0.00
TEMPLE___115KV_TB 2 55572	47.38 -0.29 0.00	43.34 -0.35 0.00	42.14 -0.34 0.00	40.41 -0.28 0.00	39.56 -0.36 0.00	43.27 -0.35 0.00	49.76 -0.35 0.00	54.52 -0.33 0.00	56.45 -0.23 0.00	56.44 -0.28 0.00	56.19 -0.17 0.00	56.06 -0.23 0.00	52.31 -0.26 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.28 -0.25 0.00	49.50 -0.25 0.00	52.49 -0.32 0.00	53.55 -0.27 0.00	56.67 -0.11 0.00	57.75 -0.06 0.00	52.54 -0.32 0.00	50.40 -0.25 0.00	45.99 -0.28 0.00
TIANA____69_KV_BK 1 55817	48.62 0.95 0.00	44.43 0.74 0.00	43.03 0.55 0.00	41.02 0.33 0.00	40.60 0.68 0.00	44.58 0.96 0.00	51.66 1.55 0.00	55.71 1.37 0.51	58.88 2.21 0.00	58.88 2.16 0.00	57.65 1.30 0.00	57.63 1.35 0.00	53.83 1.26 0.00	51.63 0.81 0.00	50.78 1.24 0.00	50.61 1.09 0.00	50.98 1.24 0.00	54.55 1.74 0.00	55.37 1.56 0.00	58.60 1.82 0.00	59.56 2.02 0.27	53.64 0.79 0.01	51.91 1.27 0.01	47.84 1.57 0.00
TILDEN___115KV_TB1 80814	47.48 -0.19 0.00	43.47 -0.22 0.00	42.22 -0.25 0.00	40.49 -0.20 0.00	39.64 -0.28 0.00	43.36 -0.26 0.00	49.91 -0.20 0.00	54.69 -0.16 0.00	56.62 -0.06 0.00	56.61 -0.11 0.00	56.35 0.00 0.00	56.23 -0.06 0.00	52.41 -0.16 0.00	50.72 -0.10 0.00	49.35 -0.20 0.00	49.37 -0.15 0.00	49.59 -0.15 0.00	52.65 -0.16 0.00	53.66 -0.16 0.00	56.84 0.06 0.00	57.86 0.06 0.00	52.70 -0.16 0.00	50.50 -0.15 0.00	46.08 -0.19 0.00

TRIGEN___CC 323695	49.57 1.91 0.00	45.35 1.66 0.00	43.96 1.49 0.00	41.95 1.26 0.00	41.44 1.52 0.00	45.37 1.74 0.00	51.81 1.70 0.00	56.43 1.70 0.13	59.17 2.49 0.00	59.27 2.55 0.00	58.89 2.54 0.00	58.81 2.53 0.00	54.98 2.42 0.00	52.85 2.03 0.00	51.92 2.38 0.00	51.70 2.18 0.00	52.03 2.29 0.00	55.18 2.38 0.00	56.02 2.21 0.00	59.34 2.56 0.00	60.69 2.95 0.07	54.65 1.80 0.01	52.32 1.67 0.01	48.11 1.85 0.00
TRINITY___115KV___4 BK 55933	48.29 0.62 0.00	44.21 0.52 0.00	43.03 0.55 0.00	41.22 0.53 0.00	40.52 0.60 0.00	44.15 0.52 0.00	50.86 0.75 0.00	55.73 0.88 0.00	57.70 1.02 0.00	57.75 1.02 0.00	57.42 1.07 0.00	57.18 0.90 0.00	53.31 0.74 0.00	51.53 0.71 0.00	50.34 0.79 0.00	50.32 0.79 0.00	50.59 0.85 0.00	53.71 0.90 0.00	54.73 0.91 0.00	57.98 1.19 0.00	58.96 1.16 0.00	53.55 0.69 0.00	51.26 0.61 0.00	46.86 0.60 0.00
UNION___PROCESSING_DRP 323587	46.48 -1.19 0.00	42.60 -1.09 0.00	41.41 -1.06 0.00	39.84 -0.85 0.00	38.64 -1.28 0.00	42.36 -1.27 0.00	48.65 -1.45 0.00	53.26 -1.59 0.00	55.26 -1.42 0.00	54.91 -1.82 0.00	54.95 -1.41 0.00	54.88 -1.41 0.00	51.10 -1.47 0.00	49.55 -1.27 0.00	48.06 -1.49 0.00	48.29 -1.24 0.00	48.45 -1.29 0.00	51.43 -1.37 0.00	52.53 -1.29 0.00	55.77 -1.02 0.00	56.88 -0.92 0.00	51.64 -1.22 0.00	49.79 -0.86 0.00	45.48 -0.79 0.00
UPPER HUDSON___HYD 24058	50.14 2.48 0.00	46.00 2.31 0.00	44.77 2.29 0.00	42.77 2.07 0.00	42.00 2.07 0.00	45.80 2.18 0.00	52.76 2.65 0.00	57.76 2.91 0.00	59.85 3.17 0.00	60.13 3.40 0.00	59.91 3.55 0.00	59.60 3.32 0.00	55.15 2.58 0.00	53.51 2.69 0.00	52.17 2.62 0.00	52.20 2.67 0.00	52.63 2.88 0.00	55.82 3.01 0.00	56.99 3.17 0.00	60.53 3.75 0.00	61.51 3.70 0.00	55.66 2.80 0.00	53.29 2.63 0.00	48.58 2.31 0.00
UPPER RAQUET___HYD 24056	46.57 -1.09 0.00	43.17 -0.52 0.00	41.97 -0.51 0.00	40.16 -0.53 0.00	39.44 -0.48 0.00	43.10 -0.52 0.00	48.90 -1.20 0.00	53.32 -1.54 0.00	54.86 -1.82 0.00	54.63 -2.10 0.00	54.38 -1.97 0.00	54.20 -2.08 0.00	51.10 -1.47 0.00	49.40 -1.42 0.00	48.06 -1.49 0.00	47.99 -1.54 0.00	48.10 -1.64 0.00	51.07 -1.74 0.00	52.15 -1.67 0.00	54.69 -2.10 0.00	55.78 -2.02 0.00	51.70 -1.16 0.00	49.49 -1.16 0.00	45.15 -1.11 0.00
VALLEY44_115KV_TB2 355964	45.81 -1.86 0.00	42.03 -1.66 0.00	40.86 -1.61 0.00	39.31 -1.38 0.00	38.01 -1.92 0.00	41.79 -1.83 0.00	48.20 -1.90 0.00	53.10 -1.76 0.00	54.52 -2.15 0.00	53.95 -2.78 0.00	54.16 -2.20 0.00	53.81 -2.48 0.00	50.26 -2.31 0.00	48.79 -2.03 0.00	47.07 -2.48 0.00	47.54 -1.98 0.00	47.85 -1.89 0.00	50.75 -2.06 0.00	51.93 -1.88 0.00	55.42 -1.36 0.00	56.30 -1.50 0.00	51.12 -1.74 0.00	49.19 -1.47 0.00	45.01 -1.25 0.00
VALLEY___115KV_TB 1-4 80826	47.24 -0.43 0.00	43.30 -0.39 0.00	42.14 -0.34 0.00	40.29 -0.41 0.00	39.60 -0.32 0.00	43.36 -0.26 0.00	49.96 -0.15 0.00	54.80 -0.05 0.00	56.79 0.11 0.00	57.07 0.34 0.00	56.81 0.45 0.00	56.56 0.28 0.00	52.78 0.21 0.00	51.03 0.20 0.00	49.79 0.25 0.00	49.77 0.25 0.00	49.89 0.15 0.00	52.97 0.16 0.00	54.03 0.22 0.00	57.19 0.40 0.00	58.09 0.29 0.00	52.97 0.11 0.00	50.81 0.15 0.00	46.40 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.91 2.24 0.00	45.70 2.01 0.00	44.47 2.00 0.00	42.56 1.87 0.00	41.80 1.88 0.00	45.67 2.05 0.00	52.61 2.51 0.00	57.70 2.85 0.00	59.91 3.23 0.00	60.07 3.35 0.00	59.74 3.38 0.00	59.49 3.21 0.00	55.46 2.89 0.00	53.62 2.80 0.00	52.27 2.72 0.00	52.15 2.62 0.00	52.23 2.49 0.00	55.34 2.53 0.00	56.56 2.74 0.00	60.19 3.41 0.00	61.21 3.41 0.00	55.56 2.70 0.00	53.19 2.53 0.00	48.53 2.27 0.00
VISCHER___FERRY HYD 24020	49.00 1.33 0.00	44.91 1.22 0.00	43.66 1.19 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.80 1.18 0.00	51.61 1.50 0.00	56.61 1.75 0.00	58.55 1.87 0.00	58.71 1.98 0.00	58.38 2.03 0.00	58.14 1.85 0.00	54.04 1.47 0.00	52.30 1.47 0.00	51.08 1.54 0.00	51.06 1.54 0.00	51.38 1.64 0.00	54.55 1.74 0.00	55.65 1.83 0.00	58.94 2.16 0.00	59.94 2.14 0.00	54.44 1.58 0.00	52.13 1.47 0.00	47.61 1.34 0.00
V_A_10_SYNC_DSASP 323832	45.95 -1.71 0.00	41.72 -1.97 0.00	40.61 -1.87 0.00	39.11 -1.59 0.00	38.13 -1.80 0.00	41.57 -2.05 0.00	47.70 -2.40 0.00	52.11 -2.74 0.00	54.01 -2.66 0.00	54.34 -2.38 0.00	53.71 -2.65 0.00	53.97 -2.31 0.00	50.21 -2.36 0.00	48.54 -2.29 0.00	46.92 -2.63 0.00	47.30 -2.23 0.00	47.56 -2.19 0.00	50.43 -2.38 0.00	51.50 -2.31 0.00	54.69 -2.10 0.00	55.73 -2.08 0.00	50.64 -2.22 0.00	48.83 -1.82 0.00	44.74 -1.53 0.00
V_CMM_10_SYNC_DSASP 323787	47.48 -0.19 0.00	43.78 0.09 0.00	42.52 0.04 0.00	40.73 0.04 0.00	39.96 0.04 0.00	43.71 0.09 0.00	49.91 -0.20 0.00	54.47 -0.38 0.00	56.06 -0.62 0.00	55.88 -0.85 0.00	55.62 -0.73 0.00	55.55 -0.73 0.00	52.26 -0.31 0.00	50.52 -0.30 0.00	49.20 -0.34 0.00	49.13 -0.40 0.00	49.30 -0.45 0.00	52.28 -0.53 0.00	53.28 -0.54 0.00	55.77 -1.02 0.00	56.88 -0.93 0.00	52.60 -0.26 0.00	50.45 -0.20 0.00	46.08 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	48.71 1.05 0.00	44.87 1.18 0.00	43.62 1.15 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.75 1.13 0.00	51.21 1.10 0.00	55.95 1.10 0.00	57.58 0.90 0.00	57.41 0.68 0.00	57.14 0.79 0.00	56.96 0.68 0.00	53.57 1.00 0.00	51.84 1.02 0.00	50.39 0.84 0.00	50.36 0.84 0.00	50.54 0.79 0.00	53.65 0.84 0.00	54.63 0.81 0.00	57.30 0.51 0.00	58.50 0.70 0.00	54.08 1.22 0.00	51.82 1.17 0.00	47.28 1.02 0.00
V_D_10_SYNC_DSASP 323841	47.62 -0.05 0.00	44.04 0.35 0.00	42.78 0.30 0.00	41.02 0.32 0.00	40.24 0.32 0.00	43.97 0.35 0.00	50.01 -0.10 0.00	54.58 -0.27 0.00	56.17 -0.51 0.00	55.93 -0.79 0.00	55.74 -0.62 0.00	55.61 -0.67 0.00	52.31 -0.26 0.00	50.62 -0.20 0.00	49.25 -0.30 0.00	49.23 -0.30 0.00	49.34 -0.40 0.00	52.33 -0.48 0.00	53.33 -0.49 0.00	55.88 -0.91 0.00	56.99 -0.81 0.00	52.75 -0.11 0.00	50.55 -0.10 0.00	46.17 -0.09 0.00
V_E_10_SYNC_DSASP 323830	51.19 3.53 0.00	46.88 3.19 0.00	45.66 3.19 0.00	43.70 3.01 0.00	42.92 3.00 0.00	47.03 3.40 0.00	54.22 4.11 0.00	59.40 4.55 0.00	61.44 4.76 0.00	61.83 5.11 0.00	60.92 4.56 0.00	60.73 4.45 0.00	56.41 3.84 0.00	54.53 3.71 0.00	53.16 3.61 0.00	53.14 3.61 0.00	53.28 3.53 0.00	56.56 3.75 0.00	58.23 4.41 0.00	62.24 5.45 0.00	63.24 5.43 0.00	57.24 4.38 0.00	54.71 4.05 0.00	49.83 3.56 0.00
V_F_30_NSYNC___DSASP 323816	49.76 2.09 0.00	45.61 1.92 0.00	44.34 1.87 0.00	42.44 1.75 0.00	41.64 1.72 0.00	45.50 1.87 0.00	52.41 2.31 0.00	57.38 2.52 0.00	59.45 2.78 0.00	59.62 2.89 0.00	59.34 2.98 0.00	59.10 2.81 0.00	54.78 2.21 0.00	53.11 2.29 0.00	51.82 2.28 0.00	51.80 2.28 0.00	52.18 2.44 0.00	55.39 2.59 0.00	56.51 2.69 0.00	59.97 3.18 0.00	60.92 3.12 0.00	55.24 2.38 0.00	52.94 2.28 0.00	48.30 2.03 0.00

V_F_30_SYNC_DSASP 323786	48.38 0.72 0.00	44.34 0.66 0.00	43.16 0.68 0.00	41.34 0.65 0.00	40.64 0.72 0.00	44.28 0.65 0.00	51.01 0.90 0.00	55.84 0.99 0.00	57.87 1.19 0.00	57.92 1.19 0.00	57.65 1.30 0.00	57.41 1.13 0.00	53.47 0.89 0.00	51.69 0.86 0.00	50.49 0.94 0.00	50.46 0.94 0.00	50.79 1.04 0.00	53.86 1.06 0.00	54.89 1.08 0.00	58.15 1.36 0.00	59.13 1.33 0.00	53.71 0.85 0.00	51.42 0.76 0.00	46.96 0.69 0.00
V_XM_10_SYNC_DSASP 323789	48.71 1.05 0.00	44.87 1.18 0.00	43.62 1.15 0.00	41.79 1.10 0.00	41.00 1.08 0.00	44.75 1.13 0.00	51.21 1.10 0.00	55.95 1.10 0.00	57.58 0.90 0.00	57.41 0.68 0.00	57.14 0.79 0.00	56.96 0.68 0.00	53.57 1.00 0.00	51.84 1.02 0.00	50.39 0.84 0.00	50.36 0.84 0.00	50.54 0.79 0.00	53.65 0.84 0.00	54.63 0.81 0.00	57.30 0.51 0.00	58.50 0.70 0.00	54.08 1.22 0.00	51.82 1.17 0.00	47.28 1.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.72 2.05 0.00	45.48 1.79 0.00	44.18 1.70 0.00	42.24 1.55 0.00	41.60 1.68 0.00	45.37 1.74 0.00	52.21 2.10 0.00	57.26 2.41 0.00	59.57 2.89 0.00	59.62 2.89 0.00	59.45 3.10 0.00	59.21 2.93 0.00	55.31 2.73 0.00	53.31 2.49 0.00	52.17 2.63 0.00	52.00 2.48 0.00	52.33 2.59 0.00	55.50 2.69 0.00	56.46 2.64 0.00	59.91 3.12 0.00	60.99 3.18 -0.01	55.24 2.38 0.00	52.88 2.23 0.00	48.30 2.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.38 2.72 0.00	46.05 2.36 0.00	44.77 2.29 0.00	42.77 2.08 0.00	42.16 2.24 0.00	45.98 2.36 0.00	52.91 2.81 0.00	57.92 3.07 0.00	60.42 3.74 0.00	60.47 3.74 0.00	60.25 3.89 0.00	60.00 3.71 0.00	56.05 3.47 0.00	54.08 3.25 0.00	52.92 3.37 0.00	52.80 3.27 0.00	53.08 3.33 0.00	56.30 3.49 0.00	57.27 3.44 0.00	60.71 3.92 0.00	61.93 4.10 0.00	56.03 3.17 0.00	53.59 2.94 0.00	48.99 2.73 0.00
W50THST__13_KV_LOAD 356117	50.67 3.00 0.00	46.31 2.62 0.00	45.03 2.55 0.00	43.01 2.32 0.00	42.40 2.48 0.00	46.24 2.62 0.00	53.26 3.16 0.00	58.31 3.46 0.00	60.82 4.14 0.00	60.87 4.14 0.00	60.64 4.28 0.00	60.45 4.16 0.00	56.47 3.89 0.00	54.44 3.61 0.00	53.26 3.72 0.00	53.14 3.62 0.00	53.48 3.73 0.00	56.67 3.85 0.00	57.64 3.82 0.00	61.16 4.37 0.00	62.34 4.51 -0.02	56.35 3.49 0.00	53.95 3.29 0.00	49.27 3.01 0.00
WADING RIVER_IC_1 23522	48.14 0.48 0.00	44.08 0.39 0.00	42.69 0.21 0.00	40.65 -0.04 0.00	40.00 0.08 0.00	43.89 0.26 0.00	51.41 1.30 0.00	55.38 1.04 0.51	58.32 1.64 0.00	58.48 1.76 0.00	57.08 0.73 0.00	57.12 0.85 0.00	53.09 0.53 0.00	51.12 0.31 0.00	50.14 0.60 0.00	50.16 0.64 0.00	50.49 0.75 0.00	53.75 0.95 0.00	54.78 0.97 0.00	58.03 1.25 0.00	58.98 1.45 0.27	53.17 0.32 0.01	51.61 0.96 0.01	47.56 1.29 0.00
WADING RIVER_IC_2 23547	48.14 0.48 0.00	44.08 0.39 0.00	42.69 0.21 0.00	40.65 -0.04 0.00	40.00 0.08 0.00	43.89 0.26 0.00	51.41 1.30 0.00	55.38 1.04 0.51	58.32 1.64 0.00	58.48 1.76 0.00	57.08 0.73 0.00	57.12 0.85 0.00	53.09 0.53 0.00	51.12 0.31 0.00	50.14 0.60 0.00	50.16 0.64 0.00	50.49 0.75 0.00	53.75 0.95 0.00	54.78 0.97 0.00	58.03 1.25 0.00	58.98 1.45 0.27	53.17 0.32 0.01	51.61 0.96 0.01	47.56 1.29 0.00
WADING RIVER_IC_3 23601	48.14 0.48 0.00	44.08 0.39 0.00	42.69 0.21 0.00	40.65 -0.04 0.00	40.00 0.08 0.00	43.89 0.26 0.00	51.41 1.30 0.00	55.38 1.04 0.51	58.32 1.64 0.00	58.48 1.76 0.00	57.08 0.73 0.00	57.12 0.85 0.00	53.09 0.53 0.00	51.12 0.31 0.00	50.14 0.60 0.00	50.16 0.64 0.00	50.49 0.75 0.00	53.75 0.95 0.00	54.78 0.97 0.00	58.03 1.25 0.00	58.98 1.45 0.27	53.17 0.32 0.01	51.61 0.96 0.01	47.56 1.29 0.00
WALDENNY_12_KV_BK2 80841	45.52 -2.15 0.00	41.81 -1.88 0.00	40.69 -1.78 0.00	39.15 -1.55 0.00	37.69 -2.24 0.00	41.48 -2.14 0.00	47.75 -2.35 0.00	52.27 -2.58 0.00	54.07 -2.61 0.00	53.32 -3.40 0.00	53.82 -2.54 0.00	53.47 -2.81 0.00	49.94 -2.63 0.00	48.59 -2.24 0.00	46.77 -2.77 0.00	47.34 -2.18 0.00	47.61 -2.14 0.00	50.48 -2.32 0.00	51.66 -2.15 0.00	55.03 -1.76 0.00	55.90 -1.91 0.00	50.80 -2.06 0.00	49.04 -1.62 0.00	44.88 -1.39 0.00
WALDEN__HYDRO 24148	49.48 1.81 0.00	45.22 1.53 0.00	44.01 1.53 0.00	42.08 1.38 0.00	41.40 1.48 0.00	45.15 1.53 0.00	51.96 1.85 0.00	56.94 2.08 0.00	59.23 2.55 0.00	59.22 2.50 0.00	59.06 2.71 0.00	58.87 2.59 0.00	54.94 2.37 0.00	52.96 2.13 0.00	51.82 2.28 0.00	51.70 2.18 0.00	51.98 2.24 0.00	55.24 2.43 0.00	56.13 2.31 0.00	59.63 2.84 0.00	60.64 2.83 0.00	54.97 2.11 0.00	52.63 1.98 0.00	48.07 1.80 0.00
WARRENSBURG____ 23737	50.24 2.57 0.00	46.00 2.32 0.00	44.77 2.29 0.00	42.77 2.08 0.00	42.04 2.12 0.00	45.80 2.18 0.00	52.76 2.66 0.00	57.76 2.91 0.00	59.91 3.23 0.00	60.01 3.29 0.00	59.90 3.55 0.00	59.49 3.21 0.00	55.15 2.58 0.00	53.52 2.69 0.00	52.17 2.63 0.00	52.20 2.67 0.00	52.63 2.89 0.00	55.82 3.01 0.00	56.99 3.18 0.00	60.54 3.75 0.00	61.50 3.70 0.00	55.66 2.80 0.00	53.29 2.63 0.00	48.58 2.31 0.00
WATERSIDE____6 8 9 23538	50.63 2.96 -0.01	46.27 2.58 -0.01	44.95 2.46 -0.01	42.98 2.28 -0.01	42.33 2.40 -0.01	46.16 2.53 -0.01	53.12 3.01 -0.01	58.15 3.29 -0.01	60.48 3.80 -0.01	60.59 3.86 -0.01	60.47 4.11 -0.01	60.23 3.94 -0.01	56.26 3.68 -0.01	54.28 3.46 -0.01	53.12 3.57 -0.01	53.00 3.47 -0.01	53.29 3.53 -0.01	56.41 3.70 0.09	57.43 3.61 -0.01	60.94 4.15 -0.01	62.17 4.34 -0.03	56.25 3.38 -0.01	53.86 3.19 -0.01	49.19 2.91 -0.01
WATKINRD_115KV_LN8_ILLION 55919	47.05 -0.62 0.00	43.16 -0.52 0.00	41.97 -0.51 0.00	40.12 -0.57 0.00	39.48 -0.44 0.00	43.23 -0.39 0.00	49.86 -0.25 0.00	54.69 -0.16 0.00	56.79 0.11 0.00	57.12 0.40 0.00	56.86 0.51 0.00	56.56 0.28 0.00	52.78 0.21 0.00	51.03 0.20 0.00	49.79 0.25 0.00	49.77 0.25 0.00	49.89 0.15 0.00	52.91 0.11 0.00	54.03 0.22 0.00	57.24 0.45 0.00	58.15 0.35 0.00	52.97 0.11 0.00	50.81 0.15 0.00	46.40 0.14 0.00
WATSON____69_KV_BK 1 55734	49.67 2.00 0.00	45.39 1.70 0.00	43.96 1.49 0.00	41.91 1.22 0.00	41.48 1.56 0.00	45.50 1.88 0.00	52.06 1.95 0.00	56.11 1.76 0.50	59.45 2.78 0.00	59.44 2.72 0.00	58.77 2.42 0.00	58.70 2.42 0.00	54.83 2.26 0.00	52.65 1.83 0.00	51.82 2.28 0.00	51.65 2.13 0.00	51.98 2.24 0.00	55.50 2.69 0.00	56.34 2.53 0.00	59.62 2.84 0.00	60.72 3.18 0.26	54.70 1.85 0.01	52.57 1.92 0.01	48.39 2.13 0.00
WDELAWARE__HYD 323627	49.67 2.00 0.00	45.48 1.79 0.00	44.26 1.78 0.00	42.28 1.59 0.00	41.52 1.60 0.00	45.37 1.75 0.00	52.16 2.06 0.00	57.21 2.36 0.00	59.51 2.83 0.00	59.67 2.95 0.00	59.40 3.04 0.00	59.26 2.98 0.00	55.20 2.63 0.00	53.26 2.44 0.00	52.02 2.48 0.00	51.90 2.38 0.00	52.23 2.49 0.00	55.50 2.69 0.00	56.45 2.64 0.00	60.02 3.24 0.00	60.98 3.18 0.00	55.29 2.43 0.00	52.94 2.28 0.00	48.35 2.08 0.00

WEST BABYLON___IC 23714	49.72 2.05 0.00	45.48 1.79 0.00	44.05 1.57 0.00	42.00 1.30 0.00	41.52 1.60 0.00	45.54 1.92 0.00	52.01 1.90 0.00	56.04 1.65 0.46	59.28 2.61 0.00	59.33 2.61 0.00	58.77 2.42 0.00	58.70 2.42 0.00	54.83 2.26 0.00	52.70 1.88 0.00	51.82 2.28 0.00	51.60 2.08 0.00	51.98 2.24 0.00	55.39 2.59 0.00	56.23 2.42 0.00	59.51 2.73 0.00	60.63 3.06 0.24	54.65 1.80 0.01	52.42 1.77 0.01	48.39 2.13 0.00
WEST CANADA___HYD 24049	47.86 0.19 0.00	43.82 0.13 0.00	42.65 0.17 0.00	40.82 0.12 0.00	40.08 0.16 0.00	43.80 0.18 0.00	50.36 0.25 0.00	55.13 0.28 0.00	57.02 0.34 0.00	57.12 0.40 0.00	56.75 0.40 0.00	56.62 0.34 0.00	52.84 0.26 0.00	51.08 0.26 0.00	49.84 0.30 0.00	49.77 0.25 0.00	49.99 0.25 0.00	53.07 0.27 0.00	54.14 0.32 0.00	57.24 0.45 0.00	58.21 0.41 0.00	53.13 0.27 0.00	50.86 0.20 0.00	46.45 0.19 0.00
WESTERN_NY_WIND 24143	46.05 -1.62 0.00	42.25 -1.44 0.00	41.12 -1.36 0.00	39.59 -1.10 0.00	38.13 -1.80 0.00	41.92 -1.70 0.00	48.10 -2.00 0.00	52.71 -2.14 0.00	54.64 -2.04 0.00	53.95 -2.78 0.00	54.33 -2.03 0.00	54.09 -2.20 0.00	50.36 -2.21 0.00	48.89 -1.93 0.00	47.22 -2.33 0.00	47.69 -1.83 0.00	47.90 -1.84 0.00	50.91 -1.90 0.00	52.10 -1.72 0.00	55.48 -1.31 0.00	56.59 -1.21 0.00	51.27 -1.59 0.00	49.59 -1.06 0.00	45.29 -0.97 0.00
WESTOVER___LESR 323668	47.71 0.05 0.00	43.69 0.00 0.00	42.48 0.00 0.00	40.73 0.04 0.00	39.80 -0.12 0.00	43.58 -0.04 0.00	50.16 0.05 0.00	55.02 0.16 0.00	56.85 0.17 0.00	56.72 0.00 0.00	56.52 0.17 0.00	56.34 0.06 0.00	52.52 -0.05 0.00	50.87 0.05 0.00	49.45 -0.10 0.00	49.57 0.05 0.00	49.84 0.10 0.00	52.86 0.05 0.00	53.98 0.16 0.00	57.30 0.51 0.00	58.27 0.46 0.00	53.02 0.16 0.00	50.86 0.20 0.00	46.45 0.19 0.00
WETHRSFD_WT_PWR 323626	46.38 -1.28 0.00	42.12 -1.57 0.00	41.03 -1.44 0.00	39.47 -1.22 0.00	38.49 -1.44 0.00	42.05 -1.57 0.00	48.25 -1.85 0.00	52.82 -2.03 0.00	54.58 -2.10 0.00	54.91 -1.82 0.00	54.10 -2.26 0.00	54.26 -2.02 0.00	50.41 -2.16 0.00	48.79 -2.03 0.00	47.07 -2.48 0.00	47.49 -2.03 0.00	47.85 -1.89 0.00	50.80 -2.01 0.00	51.93 -1.89 0.00	55.37 -1.42 0.00	56.36 -1.44 0.00	51.22 -1.64 0.00	49.34 -1.32 0.00	45.20 -1.06 0.00
WHAVSTOR_138KV_BK127 55557	49.57 1.91 0.00	45.35 1.66 0.00	44.05 1.57 0.00	42.16 1.46 0.00	41.48 1.56 0.00	45.24 1.61 0.00	52.06 1.95 0.00	57.10 2.25 0.00	59.40 2.72 0.00	59.39 2.67 0.00	59.23 2.87 0.00	58.99 2.70 0.00	55.10 2.52 0.00	53.11 2.29 0.00	51.97 2.43 0.00	51.85 2.33 0.00	52.13 2.39 0.00	55.29 2.48 0.00	56.24 2.42 0.00	59.69 2.90 0.00	60.82 3.01 -0.01	55.08 2.22 0.00	52.73 2.08 0.00	48.16 1.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.57 1.91 0.00	45.35 1.66 0.00	44.05 1.57 0.00	42.16 1.46 0.00	41.48 1.56 0.00	45.24 1.61 0.00	52.06 1.95 0.00	57.10 2.25 0.00	59.40 2.72 0.00	59.39 2.67 0.00	59.23 2.87 0.00	58.99 2.70 0.00	55.10 2.52 0.00	53.11 2.29 0.00	51.97 2.43 0.00	51.85 2.33 0.00	52.13 2.39 0.00	55.29 2.48 0.00	56.24 2.42 0.00	59.69 2.90 0.00	60.82 3.01 -0.01	55.08 2.22 0.00	52.73 2.08 0.00	48.16 1.90 0.00
WHITEHAL_115KV_TB1 80871	50.91 3.24 0.00	46.66 2.97 0.00	45.41 2.93 0.00	43.38 2.69 0.00	42.60 2.67 0.00	46.50 2.88 0.00	53.56 3.46 0.00	58.58 3.73 0.00	60.70 4.02 0.00	60.81 4.08 0.00	60.75 4.40 0.00	60.22 3.94 0.00	55.78 3.21 0.00	54.13 3.30 0.00	52.76 3.22 0.00	52.84 3.32 0.00	53.33 3.58 0.00	56.66 3.85 0.00	57.91 4.09 0.00	61.61 4.83 0.00	62.66 4.86 0.00	56.51 3.65 0.00	54.10 3.44 0.00	49.27 3.01 0.00
WHITEPLN_13_KV_LOAD 356215	50.43 2.76 0.00	46.09 2.40 0.00	44.77 2.29 0.00	42.81 2.12 0.00	42.12 2.20 0.00	45.98 2.36 0.00	52.96 2.86 0.00	58.03 3.18 0.00	60.48 3.80 0.00	60.53 3.80 0.00	60.36 4.00 0.00	60.06 3.77 0.00	56.10 3.52 0.00	54.13 3.30 0.00	52.92 3.37 0.00	52.79 3.27 0.00	53.03 3.28 0.00	56.35 3.54 0.00	57.37 3.55 0.00	60.82 4.03 0.00	61.98 4.16 -0.01	56.03 3.17 0.00	53.64 2.99 0.00	48.95 2.68 0.00
WM_FLOYD_69_KV_BK2 356380	48.72 1.05 0.00	44.52 0.83 0.00	43.11 0.64 0.00	41.10 0.41 0.00	40.68 0.76 0.00	44.67 1.05 0.00	51.56 1.45 0.00	55.54 1.21 0.51	58.77 2.10 0.00	58.71 1.99 0.00	57.65 1.30 0.00	57.63 1.35 0.00	53.83 1.26 0.00	51.63 0.81 0.00	50.83 1.29 0.00	50.66 1.14 0.00	51.03 1.29 0.00	54.55 1.74 0.00	55.37 1.56 0.00	58.60 1.82 0.00	59.61 2.08 0.27	53.70 0.85 0.01	51.91 1.27 0.01	47.79 1.53 0.00
WOODARD___115KV_TB2 355635	47.29 -0.38 0.00	43.30 -0.39 0.00	42.09 -0.38 0.00	40.33 -0.37 0.00	39.52 -0.40 0.00	43.23 -0.39 0.00	49.71 -0.40 0.00	54.47 -0.38 0.00	56.39 -0.28 0.00	56.38 -0.34 0.00	56.13 -0.23 0.00	56.00 -0.28 0.00	52.20 -0.37 0.00	50.52 -0.30 0.00	49.15 -0.40 0.00	49.18 -0.35 0.00	49.40 -0.35 0.00	52.39 -0.42 0.00	53.44 -0.38 0.00	56.56 -0.23 0.00	57.63 -0.17 0.00	52.49 -0.37 0.00	50.30 -0.35 0.00	45.89 -0.37 0.00
YORK___WARBASSE 23770	50.95 3.19 -0.09	50.78 2.84 -4.25	50.73 2.72 -5.54	50.77 2.52 -7.55	50.88 2.63 -8.32	50.78 2.84 -4.33	53.42 3.31 -0.01	58.48 3.62 -0.01	60.82 4.14 -0.01	60.93 4.20 -0.01	61.66 4.51 -0.79	62.65 4.39 -1.97	59.02 4.10 -2.34	56.68 3.81 -2.04	54.99 3.91 -1.53	55.41 3.81 -2.08	54.27 3.93 -0.59	59.93 4.07 -3.06	57.86 4.04 -0.01	61.39 4.60 -0.01	62.63 4.80 -0.03	56.57 3.70 -0.01	57.19 3.50 -3.04	51.58 3.19 -2.12