

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																	--- Marginal Cost of Losses																	--- Marginal Cost of Congestion																	10/08/2025		
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	43.63	40.14	36.64	36.67	37.15	40.04	51.88	62.58	60.74	52.56	48.32	46.49	44.85	44.15	41.76	43.29	47.21	64.99	70.73	62.16	47.95	44.29	40.25	35.86																														
		2.39	2.16	1.88	1.91	2.00	2.16	2.42	3.21	3.44	3.30	3.16	3.16	3.40	3.42	3.40	3.46	3.25	4.31	3.82	2.79	2.11	2.23	2.10	1.61																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.00	-0.87	-1.05	0.00	0.00	0.00	0.00	0.00																														
74TH STREET_GT_1	24260	43.63	40.22	36.71	36.74	37.18	40.08	51.88	62.58	60.74	52.56	48.32	46.49	44.89	44.15	41.80	43.29	47.21	64.93	70.73	62.16	47.95	44.33	40.33	35.93																														
		2.39	2.24	1.95	1.98	2.04	2.20	2.42	3.21	3.44	3.30	3.16	3.16	3.44	3.42	3.44	3.46	3.25	4.25	3.82	2.79	2.11	2.27	2.17	1.68																														
		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	-0.11	0.00	0.00	-0.87	-1.05	0.00	0.00	0.00	0.00	0.00																														
74TH STREET_GT_2	24261	43.63	40.22	36.71	36.74	37.18	40.08	51.88	62.58	60.74	52.56	48.32	46.49	44.89	44.15	41.80	43.29	47.21	64.93	70.73	62.16	47.95	44.33	40.33	35.93																														
		2.39	2.24	1.95	1.98	2.04	2.20	2.42	3.21	3.44	3.30	3.16	3.16	3.44	3.42	3.44	3.46	3.25	4.25	3.82	2.79	2.11	2.27	2.17	1.68																														
		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	-0.11	0.00	0.00	-0.87	-1.05	0.00	0.00	0.00	0.00	0.00																														
ADK HUDSON___FALLS	24011	42.68	39.27	35.91	35.98	36.37	39.40	51.73	62.10	60.00	51.03	46.74	44.45	42.36	41.59	39.08	40.78	45.19	68.01	75.75	61.62	47.54	43.44	39.30	35.04																														
		1.44	1.29	1.15	1.22	1.23	1.52	2.28	2.73	2.69	1.77	1.58	1.13	0.91	0.86	0.80	0.96	1.23	2.33	2.83	2.26	1.70	1.39	1.14	0.79																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-5.85	-7.06	0.00	0.00	0.00	0.00	0.00																														
ADK RESOURCE___RCVRY	23798	42.81	39.39	36.05	36.05	36.48	39.55	51.93	62.28	60.17	51.08	46.70	44.41	42.36	41.50	39.00	40.78	45.23	67.94	75.66	61.68	47.63	43.49	39.34	35.07																														
		1.57	1.41	1.29	1.29	1.34	1.66	2.47	2.91	2.86	1.82	1.54	1.08	0.91	0.77	0.72	0.95	1.28	2.40	2.89	2.31	1.79	1.43	1.18	0.82																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-5.72	-6.90	0.00	0.00	0.00	0.00	0.00																														
ADK S GLENS___FALLS	24028	42.68	39.27	35.91	35.98	36.37	39.40	51.73	62.10	60.00	51.03	46.74	44.45	42.36	41.59	39.08	40.78	45.19	68.01	75.75	61.62	47.54	43.44	39.30	35.04																														
		1.44	1.29	1.15	1.22	1.23	1.52	2.28	2.73	2.69	1.77	1.58	1.13	0.91	0.86	0.80	0.96	1.23	2.33	2.83	2.26	1.70	1.39	1.14	0.79																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-5.85	-7.06	0.00	0.00	0.00	0.00	0.00																														
ADK_NYS___DAM	23527	42.68	39.31	35.98	36.01	36.45	39.36	51.54	61.80	59.89	51.58	47.37	45.36	43.60	42.93	40.38	42.09	46.46	72.38	80.15	61.98	47.86	43.74	39.68	35.45																														
		1.44	1.33	1.22	1.25	1.30	1.48	2.08	2.44	2.58	2.32	2.21	2.04	2.15	2.20	2.10	2.27	2.50	3.77	3.69	2.61	2.01	1.68	1.53	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	-0.03	0.00	0.00	-8.79	-10.61	0.00	0.00	0.00	0.00	0.00																														
AIR_PRODUCTS___DRP	24190	41.20	37.94	34.76	34.79	35.14	37.92	49.46	59.49	57.71	49.56	45.61	43.63	41.82	41.14	38.77	40.38	44.39	51.38	55.26	59.49	45.94	42.14	38.27	34.36																														
		-0.04	-0.04	0.00	0.03	0.00	0.04	0.00	0.12	0.40	0.30	0.45	0.30	0.37	0.41	0.50	0.56	0.44	0.90	0.66	0.12	0.09	0.08	0.11	0.10																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	9.33	11.26	0.00	0.00	0.00	0.00	0.00																														
AKWESSNE_115KV_BK	355683	41.61	38.40	35.14	35.00	35.39	38.22	50.00	59.96	57.82	49.65	45.48	43.67	41.62	40.81	38.21	39.71	43.73	59.70	65.93	59.78	46.21	42.35	38.31	34.42																														
		0.37	0.42	0.38	0.24	0.25	0.34	0.54	0.59	0.52	0.39	0.32	0.35	0.17	0.08	-0.04	-0.12	-0.22	-0.12	0.07	0.42	0.37	0.29	0.15	0.17																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.11	38.78	35.52	35.52	35.92	38.72	50.45	60.44	58.51	50.05	46.02	43.93	42.03	41.30	38.85	40.54	44.83	51.90	56.05	60.55	46.81	42.94	39.03	34.97																														
		0.87	0.80	0.76	0.76	0.77	0.83	0.99	1.07	1.21	0.79	0.86	0.61	0.58	0.57	0.57	0.72	0.88	1.74	1.84	1.19	0.96	0.88	0.88	0.72																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	9.66	11.65	0.00	0.00	0.00	0.00	0.00																														
ALBANY_2_SOLAR	323834	42.11	38.78	35.49	35.52	35.92	38.72	50.45	60.44	58.51	50.05	46.02	43.93	42.03	41.30	38.85	40.54	44.83	51.91	56.07	60.55	46.81	42.94	39.03	34.97																														
		0.87	0.80	0.73	0.76	0.77	0.83	0.99	1.07	1.21	0.79	0.86	0.61	0.58	0.57	0.57	0.72	0.88	1.74	1.84	1.19	0.96	0.88	0.88	0.72																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	9.64	11.63	0.00	0.00	0.00	0.00	0.00																														
ALBANY___1	23571	41.20	37.94	34.76	34.79	35.14	37.92	49.46	59.49	57.71	49.56	45.61	43.63	41.82	41.14	38.77	40.38	44.39	51.38	55.26	59.49	45.94	42.14	38.27	34.36																														
		-0.04	-0.04	0.00	0.03	0.00	0.04	0.00	0.12	0.40	0.30	0.45	0.30	0.37	0.41	0.50	0.56	0.44	0.90	0.66	0.12	0.09	0.08	0.11	0.10																														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	9.33	11.26	0.00	0.00	0.00	0.00	0.00																														

ALBANY___2 23572	41.20 -0.04 0.00	37.94 -0.04 0.00	34.76 0.00 0.00	34.79 0.03 0.00	35.14 0.00 0.00	37.92 0.04 0.00	49.46 0.00 0.00	59.49 0.12 0.00	57.71 0.40 0.00	49.56 0.30 0.00	45.61 0.45 0.00	43.63 0.30 0.00	41.82 0.37 0.00	41.14 0.41 0.00	38.77 0.50 -0.03	40.38 0.56 0.00	44.39 0.44 0.00	51.38 0.90 9.33	55.26 0.66 11.26	59.49 0.12 0.00	45.94 0.09 0.00	42.14 0.08 0.00	38.27 0.11 0.00	34.36 0.10 0.00
ALBANY___3 23573	41.20 -0.04 0.00	37.94 -0.04 0.00	34.76 0.00 0.00	34.79 0.03 0.00	35.14 0.00 0.00	37.92 0.04 0.00	49.46 0.00 0.00	59.49 0.12 0.00	57.71 0.40 0.00	49.56 0.30 0.00	45.61 0.45 0.00	43.63 0.30 0.00	41.82 0.37 0.00	41.14 0.41 0.00	38.77 0.50 -0.03	40.38 0.56 0.00	44.39 0.44 0.00	51.38 0.90 9.33	55.26 0.66 11.26	59.49 0.12 0.00	45.94 0.09 0.00	42.14 0.08 0.00	38.27 0.11 0.00	34.36 0.10 0.00
ALBANY___4 23574	41.20 -0.04 0.00	37.94 -0.04 0.00	34.76 0.00 0.00	34.79 0.03 0.00	35.14 0.00 0.00	37.92 0.04 0.00	49.46 0.00 0.00	59.49 0.12 0.00	57.71 0.40 0.00	49.56 0.30 0.00	45.61 0.45 0.00	43.63 0.30 0.00	41.82 0.37 0.00	41.14 0.41 0.00	38.77 0.50 -0.03	40.38 0.56 0.00	44.39 0.44 0.00	51.38 0.90 9.33	55.26 0.66 11.26	59.49 0.12 0.00	45.94 0.09 0.00	42.14 0.08 0.00	38.27 0.11 0.00	34.36 0.10 0.00
ALBANY___LFGE 323615	41.65 0.41 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.18 0.42 0.00	35.53 0.39 0.00	38.37 0.49 0.00	50.05 0.60 0.00	60.08 0.72 0.00	58.34 1.03 0.00	50.00 0.74 0.00	46.02 0.86 0.00	44.02 0.69 0.00	42.20 0.75 0.00	41.47 0.73 0.00	39.04 0.76 -0.03	40.70 0.88 0.00	44.83 0.88 0.00	64.15 1.43 -2.90	70.61 1.25 -3.50	60.02 0.65 0.00	46.40 0.55 0.00	42.52 0.46 0.00	38.62 0.46 0.00	34.63 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	41.82 0.58 0.00	38.59 0.61 0.00	35.32 0.56 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.41 0.53 0.00	50.25 0.79 0.00	60.32 0.95 0.00	58.05 0.74 0.00	49.85 0.59 0.00	45.61 0.45 0.00	43.80 0.48 0.00	41.74 0.29 0.00	40.90 0.16 0.00	38.28 0.04 0.00	39.79 -0.04 0.00	43.82 -0.13 0.00	59.82 0.00 0.00	66.19 0.33 0.00	60.02 0.65 0.00	46.39 0.55 0.00	42.52 0.46 0.00	38.46 0.31 0.00	34.56 0.31 0.00
ALCOA_RYNLDS___DRP 24188	41.82 0.58 0.00	38.59 0.61 0.00	35.32 0.56 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.41 0.53 0.00	50.25 0.79 0.00	60.32 0.95 0.00	58.05 0.74 0.00	49.85 0.59 0.00	45.61 0.45 0.00	43.80 0.48 0.00	41.74 0.29 0.00	40.90 0.16 0.00	38.28 0.04 0.00	39.79 -0.04 0.00	43.82 -0.13 0.00	59.82 0.00 0.00	66.19 0.33 0.00	60.02 0.65 0.00	46.39 0.55 0.00	42.52 0.46 0.00	38.46 0.31 0.00	34.56 0.31 0.00
ALCOA___DSASP 323711	41.82 0.58 0.00	38.59 0.61 0.00	35.28 0.52 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.41 0.53 0.00	50.40 0.94 0.00	60.49 1.13 0.00	58.17 0.86 0.00	50.05 0.79 0.00	45.79 0.63 0.00	43.89 0.56 0.00	41.82 0.37 0.00	41.02 0.29 0.00	38.36 0.12 0.00	39.87 0.04 0.00	43.91 -0.04 0.00	60.00 0.18 0.00	66.39 0.52 0.00	60.26 0.89 0.00	46.53 0.69 0.00	42.52 0.46 0.00	38.46 0.30 0.00	34.56 0.31 0.00
ALLEGHENY___COGEN 23514	42.19 0.95 0.00	38.66 0.68 0.00	35.31 0.55 0.00	35.42 0.66 0.00	35.67 0.53 0.00	38.26 0.38 0.00	50.10 0.64 0.00	59.43 0.06 0.00	56.10 -1.21 0.00	47.64 -1.62 0.00	43.31 -1.85 0.00	41.68 -1.65 0.00	39.59 -1.86 0.00	39.23 -1.51 0.00	36.97 -1.26 0.02	38.75 -1.07 0.00	43.08 -0.88 0.00	58.68 -1.14 0.00	66.66 0.79 0.00	61.50 2.13 0.00	47.27 1.42 0.00	43.28 1.22 0.00	39.45 1.30 0.00	35.86 1.61 0.00
ALTAMONT_115KV_TB 2 55880	41.65 0.41 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.30 0.42 0.00	49.95 0.49 0.00	60.02 0.65 0.00	58.11 0.80 0.00	49.95 0.69 0.00	46.02 0.86 0.00	44.06 0.74 0.00	42.28 0.83 0.00	41.59 0.86 0.00	39.15 0.88 -0.03	40.78 0.96 0.00	44.88 0.92 0.00	55.11 1.44 6.14	59.64 1.19 7.41	60.02 0.65 0.00	46.39 0.55 0.00	42.60 0.55 0.00	38.69 0.53 0.00	34.66 0.41 0.00
ALTONA_WT_PWR 323606	42.77 1.53 0.00	39.65 1.67 0.00	36.22 1.46 0.00	36.05 1.29 0.00	36.48 1.34 0.00	39.63 1.74 0.00	52.13 2.67 0.00	62.51 3.14 0.00	60.06 2.75 0.00	51.58 2.32 0.00	47.01 1.85 0.00	44.84 1.52 0.00	42.24 0.79 0.00	41.10 0.37 0.00	38.09 -0.15 0.00	39.27 -0.56 0.00	43.21 -0.75 0.00	59.46 -0.36 0.00	66.45 0.59 0.00	60.55 1.19 0.00	46.76 0.92 0.00	42.64 0.59 0.00	38.54 0.38 0.00	34.80 0.55 0.00
AMERICAN_REF_FUEL 24010	39.79 -1.44 0.00	36.46 -1.52 0.00	33.37 -1.39 0.00	33.47 -1.29 0.00	33.63 -1.51 0.00	35.00 -2.88 0.00	45.11 -4.35 0.00	52.90 -6.47 0.00	50.31 -6.99 0.00	43.55 -5.71 0.00	40.10 -5.06 0.00	39.03 -4.29 0.00	37.27 -4.18 0.00	36.99 -3.75 0.00	34.94 -3.29 0.02	36.16 -3.66 0.00	39.82 -4.13 0.00	53.06 -6.76 0.00	59.34 -6.52 0.00	54.91 -4.45 0.00	42.72 -3.12 0.00	39.28 -2.78 0.00	36.48 -1.68 0.00	33.84 -0.41 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.08 -1.15 0.00	36.84 -1.14 0.00	33.86 -0.90 0.00	34.03 -0.73 0.00	34.12 -1.02 0.00	36.14 -1.74 0.00	46.99 -2.47 0.00	55.09 -4.28 0.00	52.38 -4.93 0.00	45.27 -3.99 0.00	41.59 -3.57 0.00	40.51 -2.82 0.00	38.67 -2.78 0.00	38.29 -2.44 0.00	36.09 -2.14 0.02	37.36 -2.47 0.00	41.23 -2.73 0.00	55.51 -4.31 0.00	62.30 -3.56 0.00	57.64 -1.72 0.00	44.51 -1.33 0.00	40.63 -1.43 0.00	37.43 -0.73 0.00	34.70 0.44 0.00
ARTHUR KILL_GT_1 23520	43.59 2.35 0.00	40.42 2.43 -0.01	36.96 2.19 -0.01	36.96 2.19 -0.01	37.40 2.25 -0.01	40.23 2.35 0.00	51.19 1.73 0.00	61.57 2.20 0.00	59.70 2.41 0.01	51.71 2.46 0.01	47.54 2.39 0.01	45.83 2.51 0.01	44.26 2.82 0.01	43.71 2.97 0.00	41.45 3.10 -0.11	43.05 3.23 0.00	46.54 2.59 0.01	63.91 3.23 -0.86	69.60 2.70 -1.04	61.02 1.66 0.01	47.12 1.28 0.01	44.41 2.36 0.00	40.72 2.56 -0.01	36.32 2.06 -0.01
ARTHUR_KILL_2 23512	43.46 2.23 0.00	40.31 2.32 -0.01	36.78 2.02 -0.01	36.89 2.12 -0.01	37.33 2.18 -0.01	40.08 2.20 0.00	51.04 1.58 0.00	61.33 1.96 0.00	59.48 2.18 0.01	51.47 2.22 0.01	47.32 2.17 0.01	45.65 2.34 0.01	44.14 2.69 0.01	43.42 2.69 0.00	41.34 2.99 -0.11	42.89 3.07 0.00	46.54 2.59 0.01	63.61 2.93 -0.86	69.27 2.37 -1.04	60.73 1.37 0.01	46.93 1.10 0.01	44.28 2.23 0.00	40.57 2.41 -0.01	36.11 1.85 -0.01
ARTHUR_KILL_3 23513	43.13 1.90 0.01	39.77 1.79 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.01	51.29 1.83 0.00	61.80 2.44 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.64 2.48 0.00	45.92 2.60 0.00	44.35 2.90 0.00	43.63 2.89 0.00	41.30 2.95 -0.11	42.81 2.99 0.00	46.77 2.82 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.32 1.96 0.00	47.35 1.51 0.00	43.86 1.81 0.00	39.91 1.76 0.00	35.62 1.37 0.00

ARTHUR_KILL_COGEN 323718	43.63 2.39 0.00	40.46 2.47 -0.01	36.89 2.12 -0.01	36.99 2.23 -0.01	37.44 2.28 -0.01	40.16 2.27 0.00	51.19 1.73 0.00	61.50 2.13 0.00	59.65 2.35 0.01	51.62 2.36 0.01	47.45 2.30 0.01	45.79 2.47 0.01	44.26 2.82 0.01	43.54 2.81 0.00	41.45 3.10 -0.11	43.01 3.19 0.00	46.67 2.73 0.01	63.79 3.11 -0.86	69.47 2.57 -1.04	60.90 1.54 0.01	47.07 1.24 0.01	44.41 2.35 0.00	40.68 2.52 -0.01	36.21 1.95 -0.01
ASHOKAN____ 23654	43.10 1.86 0.00	39.54 1.56 0.00	36.11 1.35 0.00	36.15 1.39 0.00	36.59 1.44 0.00	39.51 1.63 0.00	51.29 1.83 0.00	61.68 2.31 0.00	59.60 2.29 0.00	50.88 1.62 0.00	46.38 1.22 0.00	44.41 1.08 0.00	42.74 1.29 0.00	41.95 1.22 0.00	39.43 1.15 -0.04	41.14 1.31 0.00	45.36 1.41 0.00	56.85 4.19 7.16	61.83 4.61 8.64	61.03 1.66 0.00	47.03 1.19 0.00	43.36 1.31 0.00	39.30 1.14 0.00	35.11 0.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.55 2.31 0.00	40.04 2.05 -0.01	36.51 1.74 -0.01	36.57 1.81 -0.01	37.01 1.86 -0.01	39.81 1.93 0.01	51.08 1.63 0.01	61.62 2.26 0.01	59.82 2.52 0.01	51.81 2.56 0.01	47.63 2.48 0.01	46.00 2.69 0.01	44.51 3.07 0.01	43.74 3.01 0.01	41.52 3.17 -0.10	43.00 3.19 0.01	46.80 2.86 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	47.26 1.42 0.01	43.98 1.94 0.01	40.13 1.98 0.01	35.79 1.54 0.01
ASTORIA_EAST_ENERGY_CC2 323582	43.51 2.27 0.00	40.04 2.05 -0.01	36.47 1.70 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.81 1.93 0.01	51.08 1.63 0.01	61.62 2.26 0.01	59.82 2.52 0.01	51.76 2.51 0.01	47.63 2.48 0.01	45.96 2.64 0.01	44.47 3.02 0.01	43.74 3.01 0.01	41.52 3.17 -0.10	42.96 3.15 0.01	46.80 2.86 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.02 1.66 0.01	47.21 1.37 0.01	43.98 1.94 0.01	40.09 1.94 0.01	35.79 1.54 0.01
ASTORIA_GT2_1 24094	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT2_2 24095	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT2_3 24096	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT2_4 24097	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT3_1 24098	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT3_2 24099	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT3_3 24100	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT3_4 24101	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT4_1 24102	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT4_2 24103	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT4_3 24104	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01

ASTORIA_GT4_4 24105	43.55 2.31 0.00	40.00 2.01 -0.01	36.51 1.74 -0.01	36.54 1.77 -0.01	36.98 1.83 -0.01	39.85 1.97 0.00	51.14 1.68 0.00	61.68 2.32 0.00	59.94 2.64 0.00	51.92 2.66 0.00	47.73 2.57 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.68 2.77 -1.05	61.21 1.84 0.00	47.31 1.47 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
ASTORIA_GT_1 23523	43.59 2.35 0.00	40.08 2.09 -0.01	36.58 1.81 -0.01	36.61 1.84 -0.01	37.05 1.90 -0.01	39.89 2.01 0.00	51.24 1.78 0.00	61.86 2.49 0.00	60.06 2.75 0.00	52.02 2.76 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.31 0.00	46.81 2.86 0.00	64.22 3.53 -0.87	69.87 2.96 -1.05	61.33 1.96 0.00	47.40 1.56 0.00	44.07 2.02 0.00	40.21 2.06 0.01	35.79 1.54 0.01
ASTORIA_GT_10 24110	43.51 2.27 0.00	40.15 2.16 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.16 2.00 -0.01	40.01 2.12 0.00	51.39 1.93 0.00	61.98 2.61 0.00	60.17 2.87 0.00	52.12 2.86 0.00	47.91 2.75 0.00	46.23 2.90 0.00	44.68 3.23 0.00	43.99 3.26 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	46.90 2.94 0.00	64.34 3.65 -0.87	70.00 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.91 1.64 -0.01
ASTORIA_GT_11 24225	43.51 2.27 0.00	40.15 2.16 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.16 2.00 -0.01	40.01 2.12 0.00	51.39 1.93 0.00	61.98 2.61 0.00	60.17 2.87 0.00	52.12 2.86 0.00	47.91 2.75 0.00	46.23 2.90 0.00	44.68 3.23 0.00	43.99 3.26 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	46.90 2.94 0.00	64.34 3.65 -0.87	70.00 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.91 1.64 -0.01
ASTORIA_GT_12 24226	43.51 2.27 0.00	40.15 2.16 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.16 2.00 -0.01	40.01 2.12 0.00	51.39 1.93 0.00	61.98 2.61 0.00	60.17 2.87 0.00	52.12 2.86 0.00	47.91 2.75 0.00	46.23 2.90 0.00	44.68 3.23 0.00	43.99 3.26 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	46.90 2.94 0.00	64.34 3.65 -0.87	70.00 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.91 1.64 -0.01
ASTORIA_GT_13 24227	43.51 2.27 0.00	40.15 2.16 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.16 2.00 -0.01	40.01 2.12 0.00	51.39 1.93 0.00	61.98 2.61 0.00	60.17 2.87 0.00	52.12 2.86 0.00	47.91 2.75 0.00	46.23 2.90 0.00	44.68 3.23 0.00	43.99 3.26 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	46.90 2.94 0.00	64.34 3.65 -0.87	70.00 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.91 1.64 -0.01
ASTORIA_GT_5 24106	43.59 2.35 0.00	40.08 2.09 -0.01	36.58 1.81 -0.01	36.61 1.84 -0.01	37.05 1.90 -0.01	39.89 2.01 0.00	51.24 1.78 0.00	61.86 2.49 0.00	60.06 2.75 0.00	52.02 2.76 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.31 0.00	46.81 2.86 0.00	64.22 3.53 -0.87	69.87 2.96 -1.05	61.33 1.96 0.00	47.40 1.56 0.00	44.07 2.02 0.00	40.21 2.06 0.01	35.79 1.54 0.01
ASTORIA_GT_7 24107	43.59 2.35 0.00	40.08 2.09 -0.01	36.58 1.81 -0.01	36.61 1.84 -0.01	37.05 1.90 -0.01	39.89 2.01 0.00	51.24 1.78 0.00	61.86 2.49 0.00	60.06 2.75 0.00	52.02 2.76 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.31 0.00	46.81 2.86 0.00	64.22 3.53 -0.87	69.87 2.96 -1.05	61.33 1.96 0.00	47.40 1.56 0.00	44.07 2.02 0.00	40.21 2.06 0.01	35.79 1.54 0.01
ASTORIA_GT_8 24108	43.59 2.35 0.00	40.08 2.09 -0.01	36.58 1.81 -0.01	36.61 1.84 -0.01	37.05 1.90 -0.01	39.89 2.01 0.00	51.24 1.78 0.00	61.86 2.49 0.00	60.06 2.75 0.00	52.02 2.76 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.31 0.00	46.81 2.86 0.00	64.22 3.53 -0.87	69.87 2.96 -1.05	61.33 1.96 0.00	47.40 1.56 0.00	44.07 2.02 0.00	40.21 2.06 0.01	35.79 1.54 0.01
ASTORIA___2 24149	43.55 2.31 0.00	40.04 2.05 -0.01	36.51 1.74 -0.01	36.57 1.81 -0.01	37.01 1.86 -0.01	39.81 1.93 0.01	51.08 1.63 0.01	61.62 2.26 0.01	59.82 2.52 0.01	51.81 2.56 0.01	47.63 2.48 0.01	46.00 2.69 0.01	44.51 3.07 0.01	43.74 3.01 0.01	41.52 3.17 -0.10	43.00 3.19 0.01	46.80 2.86 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	47.26 1.42 0.01	43.98 1.94 0.01	40.13 1.98 0.01	35.79 1.54 0.01
ASTORIA___3 23516	43.51 2.27 0.00	40.19 2.20 -0.01	36.64 1.88 -0.01	36.71 1.95 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.34 1.88 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.82 2.66 0.00	46.18 2.86 0.00	44.64 3.19 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.30 0.00	46.99 3.03 0.00	64.22 3.53 -0.87	69.94 3.03 -1.05	61.32 1.96 0.00	47.45 1.60 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
ASTORIA___4 23517	43.51 2.27 0.00	40.15 2.16 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.16 2.00 -0.01	40.01 2.12 0.00	51.39 1.93 0.00	61.98 2.61 0.00	60.17 2.87 0.00	52.12 2.86 0.00	47.91 2.75 0.00	46.23 2.90 0.00	44.68 3.23 0.00	43.95 3.22 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	46.90 2.94 0.00	64.34 3.65 -0.87	70.00 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.91 1.64 -0.01
ASTORIA___5 23518	43.51 2.27 0.00	40.19 2.20 -0.01	36.64 1.88 -0.01	36.71 1.95 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.34 1.88 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.82 2.66 0.00	46.18 2.86 0.00	44.64 3.19 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.30 0.00	46.99 3.03 0.00	64.22 3.53 -0.87	69.94 3.03 -1.05	61.32 1.96 0.00	47.45 1.60 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
AST_ENERGY_2_CC3 323677	31.82 1.90 11.32	25.51 1.67 14.14	25.51 1.39 10.64	25.51 1.46 10.71	25.51 1.51 11.14	25.51 1.55 13.93	28.24 1.14 22.36	39.67 1.72 21.42	37.38 2.00 21.93	30.66 2.07 20.67	28.13 2.03 19.06	27.88 2.25 17.70	27.14 2.66 16.97	27.14 2.61 16.20	27.14 2.79 13.90	27.14 2.79 15.47	27.88 2.42 18.49	44.27 2.75 18.31	51.63 2.11 16.34	43.11 1.13 17.38	29.08 0.96 17.73	29.09 1.51 14.47	27.46 1.60 12.30	27.14 1.20 8.31
AST_ENERGY_2_CC4 323678	31.82 1.90 11.32	25.51 1.67 14.14	25.51 1.39 10.64	25.51 1.46 10.71	25.51 1.51 11.14	25.51 1.55 13.93	28.24 1.14 22.36	39.67 1.72 21.42	37.38 2.00 21.93	30.66 2.07 20.67	28.13 2.03 19.06	27.88 2.25 17.70	27.14 2.66 16.97	27.14 2.61 16.20	27.14 2.79 13.90	27.14 2.79 15.47	27.88 2.42 18.49	44.27 2.75 18.31	51.63 2.11 16.34	43.11 1.13 17.38	29.08 0.96 17.73	29.09 1.51 14.47	27.46 1.60 12.30	27.14 1.20 8.31

ATHENS_STG_1 23668	42.27 1.03 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.91 1.02 0.00	50.60 1.14 0.00	60.79 1.42 0.00	58.85 1.55 0.00	50.74 1.48 0.00	46.60 1.44 0.00	44.75 1.43 0.00	43.07 1.61 0.00	42.36 1.63 0.00	39.94 1.64 -0.05	41.54 1.71 0.00	45.62 1.67 0.00	61.97 2.15 0.00	67.64 1.78 0.00	60.49 1.13 0.00	46.81 0.96 0.00	43.11 1.05 0.00	39.15 0.99 0.00	35.04 0.79 0.00
ATHENS_STG_2 23670	42.27 1.03 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.91 1.02 0.00	50.60 1.14 0.00	60.79 1.42 0.00	58.85 1.55 0.00	50.74 1.48 0.00	46.60 1.44 0.00	44.75 1.43 0.00	43.07 1.61 0.00	42.36 1.63 0.00	39.94 1.64 -0.05	41.54 1.71 0.00	45.62 1.67 0.00	61.97 2.15 0.00	67.64 1.78 0.00	60.49 1.13 0.00	46.81 0.96 0.00	43.11 1.05 0.00	39.15 0.99 0.00	35.04 0.79 0.00
ATHENS_STG_3 23677	42.27 1.03 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.91 1.02 0.00	50.60 1.14 0.00	60.79 1.42 0.00	58.85 1.55 0.00	50.74 1.48 0.00	46.60 1.44 0.00	44.75 1.43 0.00	43.07 1.61 0.00	42.36 1.63 0.00	39.94 1.64 -0.05	41.54 1.71 0.00	45.62 1.67 0.00	61.97 2.15 0.00	67.64 1.78 0.00	60.49 1.13 0.00	46.81 0.96 0.00	43.11 1.05 0.00	39.15 0.99 0.00	35.04 0.79 0.00
AUBURN___LFGE 323710	41.16 -0.08 0.00	37.90 -0.08 0.00	34.66 -0.10 0.00	34.69 -0.07 0.00	35.04 -0.11 0.00	37.77 -0.11 0.00	49.41 -0.05 0.00	59.13 -0.24 0.00	56.85 -0.46 0.00	48.87 -0.39 0.00	44.66 -0.50 0.00	42.89 -0.43 0.00	40.95 -0.50 0.00	40.24 -0.49 0.00	37.83 -0.42 0.00	39.43 -0.40 0.00	43.78 -0.18 0.00	59.34 -0.48 0.00	65.93 0.07 0.00	59.78 0.42 0.00	45.98 0.14 0.00	42.06 0.00 0.00	38.19 0.04 0.00	34.36 0.10 0.00
BABYLON_RES_REC 323704	42.20 1.69 0.73	38.96 1.59 0.62	35.62 1.32 0.46	35.12 1.35 0.99	36.17 1.51 0.48	38.92 1.63 0.60	46.19 1.24 4.51	48.27 1.78 12.88	48.76 1.83 10.38	47.56 1.82 3.53	47.13 1.98 0.01	45.45 2.12 0.00	43.94 2.49 0.00	43.13 2.40 0.00	41.45 3.10 -0.11	42.61 2.79 0.00	46.14 2.20 0.01	62.85 2.87 -0.16	68.16 2.30 0.01	59.99 1.30 0.68	45.53 0.78 1.09	42.47 1.22 0.81	38.97 1.30 0.48	34.77 0.93 0.41
BALL_HILL_WT_PWR 323825	40.08 -1.15 0.00	36.76 -1.22 0.00	33.65 -1.11 0.00	33.82 -0.94 0.00	33.95 -1.20 0.00	35.99 -1.89 0.00	46.64 -2.82 0.00	54.74 -4.63 0.00	51.98 -5.33 0.00	44.97 -4.29 0.00	41.32 -3.84 0.00	40.25 -3.08 0.00	38.43 -3.02 0.00	38.09 -2.65 0.00	35.94 -2.29 0.02	37.24 -2.59 0.00	41.05 -2.90 0.00	54.98 -4.84 0.00	61.58 -4.28 0.00	56.93 -2.44 0.00	44.15 -1.70 0.00	40.37 -1.68 0.00	37.24 -0.92 0.00	34.53 0.27 0.00
BARON_WINDS___WT_PWR 323822	40.45 -0.78 0.00	37.14 -0.84 0.00	34.00 -0.76 0.00	34.14 -0.62 0.00	34.37 -0.77 0.00	36.71 -1.17 0.00	47.68 -1.78 0.00	56.46 -2.91 0.00	53.52 -3.78 0.00	45.96 -3.30 0.00	42.13 -3.03 0.00	40.73 -2.60 0.00	38.88 -2.57 0.00	38.41 -2.32 0.00	36.16 -2.07 0.02	37.64 -2.19 0.00	41.62 -2.33 0.00	56.41 -3.41 0.00	63.49 -2.37 0.00	58.12 -1.25 0.00	44.97 -0.87 0.00	41.13 -0.93 0.00	37.66 -0.50 0.00	34.46 0.21 0.00
BARRETT_IC_1 23704	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_10 23701	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_11 23702	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_12 23703	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_2 23705	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_3 23706	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_4 23707	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_5 23708	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01

BARRETT_IC_6 23709	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_7 23710	42.64 1.40 0.00	39.35 1.37 0.00	36.05 1.29 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.55 1.66 0.42	50.84 1.72 0.15	47.18 2.03 0.01	45.49 2.17 0.00	43.90 2.45 0.00	43.14 2.40 0.00	41.22 2.87 -0.11	42.37 2.55 0.00	46.01 2.07 0.01	63.43 2.75 -0.86	68.81 1.91 -1.04	60.49 1.13 0.01	46.57 0.78 0.05	43.10 1.05 0.01	39.18 1.03 0.01	34.96 0.72 0.01
BARRETT_IC_8 23711	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT_IC_9 23700	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT___1 23545	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BARRETT___2 23546	42.60 1.36 0.00	39.35 1.37 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.29 1.40 0.00	50.25 0.94 0.15	60.24 1.37 0.50	58.49 1.60 0.42	50.79 1.68 0.15	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.44 0.00	43.09 2.36 0.00	41.18 2.83 -0.11	42.41 2.59 0.00	46.10 2.15 0.01	63.37 2.69 -0.86	68.68 1.78 -1.04	60.43 1.07 0.01	46.57 0.78 0.05	43.02 0.97 0.01	39.18 1.03 0.01	35.00 0.75 0.01
BATAVIA___115KV_TB1 55881	41.28 0.04 0.00	37.83 -0.15 0.00	34.69 -0.07 0.00	34.62 -0.14 0.00	34.90 -0.25 0.00	36.78 -1.10 0.00	48.27 -1.19 0.00	56.58 -2.79 0.00	53.70 -3.61 0.00	46.35 -2.91 0.00	42.45 -2.71 0.00	41.16 -2.17 0.00	39.34 -2.11 0.00	38.82 -1.91 0.00	36.59 -1.64 0.02	37.99 -1.83 0.00	42.42 -1.54 0.00	56.35 -3.47 0.00	63.56 -2.31 0.00	58.65 -0.71 0.00	45.20 -0.64 0.00	41.38 -0.67 0.00	38.04 -0.11 0.00	35.04 0.79 0.00
BAYONEEC___CTG1 323682	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG10 323750	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG2 323683	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG3 323684	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG4 323685	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG5 323686	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG6 323687	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG7 323688	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00

BAYONEEC___CTG8 323689	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BAYONEEC___CTG9 323749	43.34 2.10 0.00	39.95 1.97 0.00	36.46 1.70 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.14 3.23 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.10 1.94 0.00	35.76 1.51 0.00
BEACON___LESR 323632	41.86 0.62 0.00	38.55 0.57 0.00	35.28 0.52 0.00	35.31 0.55 0.00	35.70 0.56 0.00	38.57 0.68 0.00	50.30 0.84 0.00	60.38 1.01 0.00	58.57 1.26 0.00	50.19 0.93 0.00	46.20 1.04 0.00	44.15 0.82 0.00	42.32 0.87 0.00	41.59 0.86 0.00	39.16 0.88 -0.03	40.82 1.00 0.00	45.01 1.05 0.00	43.21 1.74 18.35	45.38 1.65 22.13	60.38 1.01 0.00	46.67 0.83 0.00	42.77 0.71 0.00	38.84 0.69 0.00	34.80 0.55 0.00
BEAVER RIVER___HYD 24048	42.02 0.78 0.00	38.70 0.72 0.00	35.49 0.73 0.00	35.25 0.49 0.00	35.67 0.53 0.00	38.72 0.83 0.00	50.84 1.38 0.00	61.21 1.84 0.00	58.74 1.43 0.00	49.85 0.59 0.00	45.34 0.18 0.00	43.41 0.09 0.00	41.37 -0.08 0.00	40.57 -0.16 0.00	37.83 -0.42 0.00	39.47 -0.36 0.00	43.52 -0.44 0.00	59.82 0.00 0.00	66.33 0.46 0.00	60.62 1.25 0.00	46.67 0.83 0.00	42.85 0.80 0.00	38.62 0.46 0.00	34.63 0.38 0.00
BEEBEE_GT_13 23619	40.91 -0.33 0.00	37.52 -0.46 0.00	34.38 -0.38 0.00	34.34 -0.42 0.00	34.65 -0.49 0.00	37.01 -0.87 0.00	48.52 -0.94 0.00	57.35 -2.02 0.00	54.90 -2.41 0.00	47.39 -1.87 0.00	43.44 -1.72 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.47 -1.26 0.00	37.14 -1.11 0.00	38.59 -1.23 0.00	42.94 -1.01 0.00	57.49 -2.33 0.00	64.35 -1.51 0.00	58.95 -0.42 0.00	45.38 -0.46 0.00	41.55 -0.50 0.00	38.00 -0.15 0.00	34.63 0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.80 2.56 0.00	40.46 2.47 -0.01	36.96 2.19 -0.01	36.96 2.19 -0.01	37.40 2.25 -0.01	40.27 2.39 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.40 3.09 0.00	52.31 3.05 0.00	48.09 2.94 0.00	46.36 3.03 0.00	44.77 3.32 0.00	44.11 3.38 0.00	41.83 3.48 -0.11	43.37 3.54 0.00	47.08 3.12 0.00	64.58 3.89 -0.87	70.27 3.36 -1.05	61.68 2.32 0.00	47.63 1.79 0.00	44.50 2.44 0.00	40.64 2.48 -0.01	36.21 1.95 -0.01
BETHLEHEM___GRP 23843	41.20 -0.04 0.00	37.94 -0.04 0.00	34.76 0.00 0.00	34.79 0.03 0.00	35.14 0.00 0.00	37.92 0.04 0.00	49.46 0.00 0.00	59.49 0.12 0.00	57.71 0.40 0.00	49.56 0.30 0.00	45.61 0.45 0.00	43.63 0.30 0.00	41.82 0.37 0.00	41.14 0.41 0.00	38.77 0.50 -0.03	40.38 0.56 0.00	44.39 0.44 0.00	51.38 0.90 9.33	55.26 0.66 11.26	59.49 0.12 0.00	45.94 0.09 0.00	42.14 0.08 0.00	38.27 0.11 0.00	34.36 0.10 0.00
BETHLEHEM___GS1 323560	41.24 0.00 0.00	37.98 0.00 0.00	34.76 0.00 0.00	34.83 0.07 0.00	35.18 0.04 0.00	37.96 0.08 0.00	49.46 0.00 0.00	59.43 0.06 0.00	57.71 0.40 0.00	49.51 0.25 0.00	45.56 0.41 0.00	43.63 0.31 0.00	41.82 0.37 0.00	41.14 0.41 0.00	38.74 0.46 -0.03	40.34 0.52 0.00	44.44 0.48 0.00	51.32 0.84 9.33	55.19 0.59 11.26	59.43 0.06 0.00	45.94 0.09 0.00	42.14 0.08 0.00	38.27 0.11 0.00	34.36 0.10 0.00
BETHLEHEM___GS2 323561	41.24 0.00 0.00	37.98 0.00 0.00	34.76 0.00 0.00	34.83 0.07 0.00	35.18 0.04 0.00	37.96 0.08 0.00	49.46 0.00 0.00	59.43 0.06 0.00	57.71 0.40 0.00	49.51 0.25 0.00	45.56 0.41 0.00	43.63 0.31 0.00	41.82 0.37 0.00	41.14 0.41 0.00	38.74 0.46 -0.03	40.34 0.52 0.00	44.44 0.48 0.00	51.32 0.84 9.33	55.19 0.59 11.26	59.43 0.06 0.00	45.94 0.09 0.00	42.14 0.08 0.00	38.27 0.11 0.00	34.36 0.10 0.00
BETHLEHEM___GS3 323562	41.24 0.00 0.00	37.98 0.00 0.00	34.76 0.00 0.00	34.83 0.07 0.00	35.18 0.04 0.00	37.96 0.08 0.00	49.46 0.00 0.00	59.43 0.06 0.00	57.71 0.40 0.00	49.51 0.25 0.00	45.56 0.41 0.00	43.63 0.31 0.00	41.82 0.37 0.00	41.14 0.41 0.00	38.74 0.46 -0.03	40.34 0.52 0.00	44.44 0.48 0.00	51.32 0.84 9.33	55.19 0.59 11.26	59.43 0.06 0.00	45.94 0.09 0.00	42.14 0.08 0.00	38.27 0.11 0.00	34.36 0.10 0.00
BETHLEHEM___STEEL 23779	40.33 -0.91 0.00	36.99 -0.99 0.00	34.00 -0.76 0.00	33.93 -0.83 0.00	34.13 -1.02 0.00	36.07 -1.82 0.00	47.13 -2.32 0.00	54.98 -4.39 0.00	51.98 -5.33 0.00	45.17 -4.09 0.00	41.50 -3.66 0.00	40.34 -2.99 0.00	38.63 -2.82 0.00	38.13 -2.61 0.00	36.01 -2.22 0.02	37.36 -2.47 0.00	41.71 -2.24 0.00	55.09 -4.73 0.00	61.91 -3.95 0.00	57.05 -2.32 0.00	44.28 -1.56 0.00	40.29 -1.77 0.00	37.24 -0.92 0.00	34.60 0.34 0.00
BETHLHEM_115KV_TB1 79974	41.32 0.08 0.00	38.06 0.08 0.00	34.86 0.10 0.00	34.90 0.14 0.00	35.25 0.11 0.00	38.04 0.15 0.00	49.56 0.10 0.00	59.61 0.24 0.00	57.82 0.52 0.00	49.65 0.39 0.00	45.75 0.59 0.00	43.76 0.43 0.00	41.95 0.50 0.00	41.26 0.53 0.00	38.89 0.61 -0.03	40.46 0.64 0.00	44.53 0.57 0.00	51.99 1.02 8.85	55.98 0.79 10.67	59.60 0.24 0.00	46.07 0.23 0.00	42.27 0.21 0.00	38.38 0.23 0.00	34.42 0.17 0.00
BETHPAGE_CC_5 323564	42.34 1.48 0.38	38.95 1.29 0.32	35.56 1.04 0.24	35.35 1.11 0.52	36.12 1.23 0.25	38.90 1.33 0.31	46.65 0.94 3.74	49.29 1.42 11.50	49.42 1.55 9.43	47.68 1.62 3.20	47.00 1.85 0.01	45.36 2.04 0.00	43.85 2.40 0.00	43.05 2.32 0.00	41.26 2.91 -0.11	42.45 2.63 0.00	46.06 2.11 0.01	62.93 2.63 -0.48	68.31 1.97 -0.48	60.07 1.07 0.37	45.53 0.69 1.00	42.63 1.01 0.44	38.93 1.03 0.26	34.82 0.79 0.22
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.33 -0.91 0.00	36.95 -1.03 0.00	34.00 -0.76 0.00	33.93 -0.83 0.00	34.13 -1.02 0.00	36.07 -1.82 0.00	47.18 -2.28 0.00	55.04 -4.33 0.00	52.03 -5.27 0.00	45.17 -4.09 0.00	41.55 -3.61 0.00	40.38 -2.95 0.00	38.63 -2.82 0.00	38.17 -2.57 0.00	36.01 -2.22 0.02	37.36 -2.47 0.00	41.71 -2.24 0.00	55.15 -4.67 0.00	61.98 -3.89 0.00	57.11 -2.26 0.00	44.33 -1.51 0.00	40.33 -1.72 0.00	37.24 -0.92 0.00	34.56 0.31 0.00
BINGHAMTON___COGEN 23790	41.36 0.12 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.86 0.10 0.00	35.21 0.07 0.00	37.85 -0.04 0.00	49.46 0.00 0.00	59.07 -0.30 0.00	56.62 -0.69 0.00	48.82 -0.44 0.00	44.71 -0.45 0.00	43.02 -0.30 0.00	41.16 -0.29 0.00	40.49 -0.24 0.00	38.06 -0.15 0.03	39.71 -0.12 0.00	43.95 0.00 0.00	59.52 -0.30 0.00	65.86 0.00 0.00	59.66 0.30 0.00	46.03 0.18 0.00	42.14 0.08 0.00	38.31 0.15 0.00	34.60 0.34 0.00

BIXINCNT_115KV_LOAD 355685	40.00 -1.24 0.00	36.92 -1.06 0.00	34.00 -0.76 0.00	33.86 -0.90 0.00	33.91 -1.23 0.00	35.91 -1.97 0.00	47.08 -2.37 0.00	55.04 -4.33 0.00	52.03 -5.27 0.00	45.02 -4.24 0.00	41.41 -3.75 0.00	40.25 -3.08 0.00	38.55 -2.90 0.00	38.00 -2.73 0.00	35.82 -2.41 0.02	37.12 -2.71 0.00	41.45 -2.51 0.00	54.97 -4.85 0.00	61.91 -3.95 0.00	57.29 -2.08 0.00	44.38 -1.47 0.00	40.25 -1.81 0.00	37.05 -1.11 0.00	34.46 0.21 0.00
BLACK RIVER___HYD 24047	42.44 1.20 0.00	39.04 1.06 0.00	35.80 1.04 0.00	35.56 0.80 0.00	35.99 0.84 0.00	39.10 1.21 0.00	51.39 1.93 0.00	61.86 2.49 0.00	59.31 2.00 0.00	50.15 0.89 0.00	45.52 0.36 0.00	43.54 0.22 0.00	41.49 0.04 0.00	40.69 -0.04 0.00	37.94 -0.31 0.00	39.71 -0.12 0.00	43.91 -0.04 0.00	60.36 0.54 0.00	67.31 1.45 0.00	61.74 2.38 0.00	47.45 1.60 0.00	43.49 1.43 0.00	39.15 0.99 0.00	35.07 0.82 0.00
BLACKRVR_115KV_TB2 79977	42.48 1.24 0.00	39.04 1.06 0.00	35.84 1.08 0.00	35.56 0.80 0.00	35.99 0.84 0.00	39.10 1.21 0.00	51.39 1.93 0.00	61.86 2.49 0.00	59.31 2.01 0.00	50.15 0.89 0.00	45.48 0.32 0.00	43.54 0.22 0.00	41.49 0.04 0.00	40.69 -0.04 0.00	37.90 -0.34 0.00	39.71 -0.12 0.00	43.91 -0.04 0.00	60.36 0.54 0.00	67.31 1.45 0.00	61.74 2.37 0.00	47.45 1.60 0.00	43.36 1.30 0.00	39.15 0.99 0.00	35.08 0.82 0.00
BLDWN_LI_69_KV_BK4 356085	43.01 1.77 0.00	39.58 1.60 0.00	36.22 1.46 0.00	36.15 1.39 0.00	36.66 1.51 0.00	39.51 1.63 0.00	48.84 1.34 1.95	54.52 1.90 6.75	53.76 2.12 5.67	49.45 2.12 1.93	47.55 2.39 0.01	45.84 2.51 0.00	44.23 2.78 0.00	43.46 2.73 0.00	41.53 3.17 -0.11	42.69 2.87 0.00	46.37 2.42 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	46.48 1.24 0.61	43.48 1.43 0.01	39.45 1.30 0.01	35.17 0.92 0.01
BLISS_WT_PWR 323608	39.67 -1.57 0.00	36.69 -1.29 0.00	33.65 -1.11 0.00	33.65 -1.11 0.00	33.60 -1.55 0.00	35.65 -2.24 0.00	46.34 -3.11 0.00	54.56 -4.81 0.00	51.86 -5.45 0.00	44.58 -4.68 0.00	41.10 -4.06 0.00	39.99 -3.34 0.00	38.13 -3.32 0.00	37.76 -2.97 0.00	35.55 -2.68 0.02	36.76 -3.07 0.00	40.66 -3.30 0.00	54.38 -5.44 0.00	61.19 -4.67 0.00	56.88 -2.49 0.00	44.05 -1.79 0.00	40.21 -1.85 0.00	37.01 -1.14 0.00	34.36 0.10 0.00
BLUESTONE___WT_PWR 323821	42.39 1.15 0.00	38.93 0.95 0.00	35.73 0.97 0.00	35.66 0.90 0.00	36.06 0.91 0.00	38.94 1.06 0.00	51.04 1.58 0.00	61.27 1.90 0.00	58.79 1.49 0.00	50.00 0.74 0.00	45.39 0.23 0.00	43.50 0.17 0.00	41.49 0.04 0.00	40.73 0.00 0.00	38.02 -0.19 0.04	39.91 0.08 0.00	44.26 0.31 0.00	60.48 0.66 0.00	67.38 1.52 0.00	61.50 2.13 0.00	47.35 1.51 0.00	43.44 1.39 0.00	39.30 1.14 0.00	35.42 1.17 0.00
BLUE_CIRC_CHEM_DRP 24182	41.82 0.58 0.00	38.51 0.53 0.00	35.25 0.49 0.00	35.32 0.56 0.00	35.67 0.53 0.00	38.45 0.57 0.00	50.15 0.69 0.00	60.20 0.83 0.00	58.28 0.97 0.00	49.95 0.69 0.00	46.02 0.86 0.00	43.97 0.65 0.00	42.11 0.66 0.00	41.38 0.65 0.00	38.96 0.69 -0.03	40.58 0.76 0.00	44.79 0.84 0.00	52.16 1.56 9.21	56.26 1.51 11.11	60.32 0.95 0.00	46.62 0.78 0.00	42.77 0.71 0.00	38.84 0.69 0.00	34.84 0.58 0.00
BOC_GAS_DRP 24189	41.61 0.37 0.00	38.32 0.34 0.00	35.07 0.31 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.26 0.38 0.00	49.90 0.45 0.00	59.96 0.59 0.00	58.05 0.74 0.00	49.95 0.69 0.00	45.97 0.81 0.00	44.06 0.74 0.00	42.28 0.83 0.00	41.59 0.86 0.00	39.15 0.88 -0.03	40.74 0.92 0.00	44.83 0.88 0.00	55.05 1.38 6.14	59.57 1.12 7.41	59.96 0.59 0.00	46.35 0.50 0.00	42.56 0.50 0.00	38.65 0.50 0.00	34.66 0.41 0.00
BOONVILLE_115KV_TB1 79983	42.02 0.78 0.00	38.66 0.68 0.00	35.46 0.70 0.00	35.28 0.52 0.00	35.74 0.60 0.00	38.68 0.80 0.00	50.69 1.24 0.00	60.91 1.54 0.00	58.68 1.38 0.00	50.00 0.74 0.00	45.57 0.41 0.00	43.67 0.35 0.00	41.70 0.25 0.00	40.94 0.20 0.00	38.28 0.04 0.00	39.98 0.16 0.00	44.13 0.18 0.00	60.42 0.60 0.00	66.85 0.99 0.00	60.73 1.37 0.00	46.76 0.92 0.00	42.81 0.76 0.00	38.73 0.57 0.00	34.73 0.48 0.00
BORALEX_4TH_BRANCH 23824	42.60 1.36 0.00	39.23 1.25 0.00	35.91 1.15 0.00	35.98 1.22 0.00	36.41 1.27 0.00	39.32 1.44 0.00	51.49 2.03 0.00	61.86 2.49 0.00	59.94 2.64 0.00	51.67 2.41 0.00	47.46 2.30 0.00	45.40 2.08 0.00	43.56 2.11 0.00	42.97 2.24 0.00	40.42 2.14 -0.03	42.14 2.31 0.00	46.42 2.46 0.00	72.44 3.83 -8.79	80.22 3.75 -10.61	62.10 2.73 0.00	47.91 2.06 0.00	43.74 1.68 0.00	39.68 1.53 0.00	35.45 1.20 0.00
BOWLINE___1 23526	43.01 1.77 0.00	39.69 1.71 0.00	36.22 1.46 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.71 0.00	51.34 1.88 0.00	61.80 2.44 0.00	59.77 2.46 0.00	51.67 2.41 0.00	47.46 2.30 0.00	45.71 2.38 0.00	44.11 2.66 0.00	43.34 2.61 0.00	41.02 2.64 -0.13	42.54 2.71 0.00	46.59 2.64 0.00	63.96 3.35 -0.79	69.78 2.97 -0.96	61.44 2.08 0.00	47.45 1.60 0.00	43.78 1.72 0.00	39.76 1.60 0.00	35.52 1.27 0.00
BOWLINE___2 23595	43.01 1.77 0.00	39.65 1.67 0.00	36.19 1.43 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.71 0.00	51.34 1.88 0.00	61.80 2.44 0.00	59.77 2.46 0.00	51.67 2.41 0.00	47.46 2.30 0.00	45.71 2.38 0.00	44.06 2.61 0.00	43.34 2.61 0.00	41.02 2.64 -0.13	42.54 2.71 0.00	46.59 2.64 0.00	63.96 3.35 -0.79	69.78 2.97 -0.96	61.44 2.08 0.00	47.40 1.56 0.00	43.74 1.68 0.00	39.76 1.60 0.00	35.52 1.27 0.00
BRADY___115KV_TB2 356060	42.23 0.99 0.00	38.97 0.99 0.00	35.70 0.94 0.00	35.46 0.70 0.00	35.88 0.74 0.00	38.83 0.95 0.00	50.89 1.43 0.00	61.03 1.66 0.00	58.57 1.26 0.00	50.10 0.84 0.00	45.75 0.59 0.00	43.93 0.61 0.00	41.78 0.33 0.00	40.98 0.24 0.00	38.32 0.08 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	60.00 0.18 0.00	66.65 0.79 0.00	60.73 1.37 0.00	46.90 1.05 0.00	42.94 0.88 0.00	38.84 0.69 0.00	34.90 0.65 0.00
BRANSCOMB___SOLAR 323811	42.64 1.40 0.00	39.27 1.29 0.00	35.91 1.15 0.00	35.94 1.18 0.00	36.37 1.23 0.00	39.32 1.44 0.00	51.49 2.03 0.00	61.75 2.38 0.00	59.71 2.41 0.00	50.98 1.72 0.00	46.60 1.44 0.00	44.54 1.21 0.00	42.53 1.08 0.00	41.75 1.02 0.00	39.27 0.99 -0.03	40.94 1.11 0.00	45.32 1.36 0.00	69.10 2.33 -6.95	76.94 2.70 -8.38	61.44 2.08 0.00	47.49 1.65 0.00	43.44 1.39 0.00	39.38 1.22 0.00	35.18 0.93 0.00
BRDGHMPT_69_KV_BK1 55812	27.07 1.24 15.40	26.00 1.06 13.04	26.05 0.94 9.65	14.80 0.90 20.86	25.97 1.02 10.19	26.43 1.10 12.55	25.55 -0.05 23.85	31.47 0.36 28.26	43.00 0.86 15.17	45.27 1.13 5.13	46.43 1.40 0.12	44.93 1.60 0.00	43.40 1.95 0.00	42.44 1.75 0.04	40.88 2.52 -0.11	41.90 2.07 0.00	45.31 1.36 0.01	48.79 2.15 13.19	47.70 1.58 19.74	46.61 0.59 13.35	44.51 0.05 1.38	26.44 0.25 15.87	28.50 0.42 10.08	26.03 0.24 8.47



BRENTWOD_69_KV_W. BRTWOOD 56703	41.94 2.31 1.61	38.63 2.01 1.36	35.56 1.81 1.01	34.32 1.74 2.18	35.98 1.90 1.06	38.66 2.08 1.31	44.80 1.48 6.14	46.25 2.08 15.20	47.45 1.95 11.81	47.27 2.02 4.01	47.31 2.17 0.02	45.53 2.21 0.00	43.98 2.53 0.00	43.21 2.48 0.00	41.57 3.21 -0.11	42.53 2.71 0.00	45.97 2.02 0.01	62.34 3.23 0.71	67.21 2.63 1.28	59.41 1.54 1.50	45.16 0.55 1.23	41.62 1.35 1.78	38.78 1.68 1.06	34.56 1.20 0.89
BRISTLHL_115KV_TB1 79998	40.54 -0.70 0.00	37.30 -0.68 0.00	34.13 -0.63 0.00	34.13 -0.63 0.00	34.51 -0.63 0.00	37.20 -0.68 0.00	48.62 -0.84 0.00	58.30 -1.07 0.00	56.27 -1.03 0.00	48.37 -0.89 0.00	44.30 -0.86 0.00	42.50 -0.82 0.00	40.62 -0.83 0.00	39.92 -0.81 0.00	37.44 -0.80 0.00	39.03 -0.80 0.00	43.25 -0.70 0.00	58.68 -1.14 0.00	64.87 -0.99 0.00	58.65 -0.71 0.00	45.20 -0.64 0.00	41.38 -0.67 0.00	37.55 -0.61 0.00	33.74 -0.51 0.00
BROOKHAVEN___DRP 24191	26.97 1.15 15.42	25.95 1.03 13.06	26.01 0.90 9.66	14.74 0.87 20.89	25.93 0.98 10.20	26.38 1.06 12.57	25.78 0.20 23.88	31.62 0.53 28.28	42.93 0.80 15.18	45.06 0.94 5.13	46.07 1.04 0.12	44.58 1.26 0.00	43.11 1.66 0.00	42.28 1.59 0.04	40.76 2.41 -0.11	41.74 1.91 0.00	45.09 1.14 0.01	48.35 1.73 13.20	47.09 0.99 19.76	46.12 0.12 13.36	44.32 -0.14 1.38	26.55 0.38 15.88	28.79 0.72 10.09	26.15 0.38 8.48
BROOKLYN_NAVY_YARD 23515	43.30 2.06 0.00	39.95 1.97 0.00	36.43 1.67 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.81 1.93 0.00	51.49 2.03 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.82 2.66 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.95 2.99 0.00	64.40 3.71 -0.87	70.20 3.29 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.06 1.91 0.00	35.72 1.47 0.00
BROOKLYN___ARMY_DRP 323595	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
BROOME_2_LFGE 323671	41.32 0.08 0.00	38.02 0.04 0.00	34.76 0.00 0.00	34.83 0.07 0.00	35.18 0.04 0.00	37.85 0.04 0.00	49.31 -0.15 0.00	58.96 -0.41 0.00	56.56 -0.75 0.00	48.72 -0.54 0.00	44.62 -0.54 0.00	42.93 -0.39 0.00	41.08 -0.37 0.00	40.45 -0.28 0.00	37.99 -0.23 0.03	39.63 -0.20 0.00	43.82 -0.13 0.00	59.40 -0.42 0.00	65.67 -0.20 0.00	59.49 0.12 0.00	45.94 0.09 0.00	42.10 0.04 0.00	38.31 0.15 0.00	34.60 0.34 0.00
BROOME___LFGE 323600	41.32 0.08 0.00	38.02 0.04 0.00	34.76 0.00 0.00	34.83 0.07 0.00	35.18 0.04 0.00	37.85 -0.04 0.00	49.31 -0.15 0.00	58.96 -0.41 0.00	56.56 -0.75 0.00	48.72 -0.54 0.00	44.62 -0.54 0.00	42.93 -0.39 0.00	41.08 -0.37 0.00	40.45 -0.28 0.00	37.99 -0.23 0.03	39.63 -0.20 0.00	43.82 -0.13 0.00	59.40 -0.42 0.00	65.67 -0.20 0.00	59.49 0.12 0.00	45.94 0.09 0.00	42.10 0.04 0.00	38.31 0.15 0.00	34.60 0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	42.10 0.87 0.00	38.82 0.84 0.00	35.59 0.83 0.00	35.32 0.56 0.00	35.74 0.60 0.00	38.79 0.91 0.00	50.84 1.38 0.00	61.09 1.72 0.00	58.68 1.38 0.00	49.95 0.69 0.00	45.48 0.32 0.00	43.63 0.30 0.00	41.49 0.04 0.00	40.65 -0.08 0.00	37.94 -0.31 0.00	39.47 -0.36 0.00	43.43 -0.53 0.00	59.52 -0.30 0.00	66.06 0.20 0.00	60.32 0.95 0.00	46.53 0.69 0.00	42.73 0.67 0.00	38.65 0.50 0.00	34.70 0.45 0.00
BROWNSV1_27_KV_LOAD 356125	43.71 2.47 0.00	40.26 2.28 0.00	36.78 2.02 0.00	36.78 2.02 0.00	37.25 2.11 0.00	40.16 2.27 0.00	51.98 2.52 0.00	62.69 3.32 0.00	60.86 3.55 0.00	52.66 3.40 0.00	48.37 3.21 0.00	46.57 3.25 0.00	44.93 3.48 0.00	44.24 3.50 0.00	41.83 3.48 -0.11	43.37 3.54 0.00	47.30 3.34 0.00	65.11 4.43 -0.87	70.93 4.02 -1.05	62.34 2.97 0.00	48.09 2.25 0.00	44.45 2.40 0.00	40.41 2.25 0.00	36.00 1.75 0.00
BURROWS___LYONSDAL 23803	41.98 0.74 0.00	38.66 0.68 0.00	35.46 0.70 0.00	35.25 0.49 0.00	35.67 0.53 0.00	38.68 0.80 0.00	50.69 1.24 0.00	60.91 1.54 0.00	58.62 1.32 0.00	49.90 0.64 0.00	45.48 0.32 0.00	43.58 0.26 0.00	41.57 0.12 0.00	40.81 0.08 0.00	38.13 -0.11 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	60.24 0.42 0.00	66.59 0.72 0.00	60.61 1.25 0.00	46.67 0.83 0.00	42.73 0.67 0.00	38.65 0.50 0.00	34.63 0.38 0.00
CAITHNESS_CC_1 323624	26.87 1.07 15.44	25.97 1.06 13.07	25.96 0.87 9.67	14.75 0.90 20.91	25.95 1.02 10.21	26.40 1.10 12.58	25.95 0.39 23.90	31.83 0.77 28.31	42.85 0.74 15.19	45.06 0.93 5.14	45.98 0.95 0.12	44.54 1.21 0.00	43.11 1.66 0.00	42.24 1.55 0.04	40.80 2.45 -0.11	41.86 2.03 0.00	45.18 1.23 0.01	48.22 1.62 13.22	46.93 0.85 19.78	45.99 0.00 13.38	44.32 -0.14 1.38	26.62 0.46 15.90	28.82 0.76 10.10	26.21 0.44 8.49
CALPINE BETH_PAGE_GT4 24209	42.68 1.44 0.00	39.20 1.22 0.00	35.87 1.11 0.00	35.84 1.08 0.00	36.30 1.16 0.00	39.17 1.29 0.00	47.44 0.89 2.91	50.73 1.37 10.00	50.52 1.60 8.39	48.08 1.67 2.85	47.09 1.94 0.01	45.45 2.12 0.00	43.90 2.45 0.00	43.10 2.36 0.00	41.26 2.91 -0.11	42.37 2.55 0.00	45.93 1.98 0.01	63.35 2.69 -0.84	68.91 2.04 -1.01	60.41 1.07 0.03	45.68 0.73 0.89	42.99 0.97 0.03	39.14 0.99 0.01	35.00 0.75 0.01
CALPINE_BETH_PAGE_GT_4 323586	42.60 1.36 0.00	39.23 1.25 0.00	35.77 1.01 0.00	35.80 1.04 0.00	36.34 1.20 0.00	39.17 1.29 0.00	47.48 0.94 2.91	50.73 1.37 10.00	50.46 1.55 8.39	48.03 1.62 2.85	47.01 1.85 0.01	45.40 2.08 0.00	43.85 2.40 0.00	43.05 2.32 0.00	41.22 2.87 -0.11	42.45 2.63 0.00	46.06 2.11 0.01	63.29 2.63 -0.84	68.84 1.97 -1.01	60.35 1.01 0.03	45.64 0.69 0.89	42.99 0.97 0.03	39.10 0.95 0.01	35.03 0.79 0.01
CALPINE_BP_GT1 23823	42.60 1.36 0.00	39.23 1.25 0.00	35.77 1.01 0.00	35.80 1.04 0.00	36.34 1.20 0.00	39.17 1.29 0.00	47.48 0.94 2.91	50.73 1.37 10.00	50.46 1.55 8.39	48.03 1.62 2.85	47.01 1.85 0.01	45.40 2.08 0.00	43.85 2.40 0.00	43.05 2.32 0.00	41.22 2.87 -0.11	42.45 2.63 0.00	46.06 2.11 0.01	63.29 2.63 -0.84	68.84 1.97 -1.01	60.35 1.01 0.03	45.64 0.69 0.89	42.99 0.97 0.03	39.10 0.95 0.01	35.03 0.79 0.01
CALSPAN___DRP 24200	40.33 -0.91 0.00	36.99 -0.99 0.00	34.00 -0.76 0.00	33.93 -0.83 0.00	34.13 -1.02 0.00	36.07 -1.82 0.00	47.13 -2.32 0.00	54.98 -4.39 0.00	51.98 -5.33 0.00	45.17 -4.09 0.00	41.50 -3.66 0.00	40.34 -2.99 0.00	38.63 -2.82 0.00	38.13 -2.61 0.00	36.01 -2.22 0.02	37.36 -2.47 0.00	41.71 -2.24 0.00	55.09 -4.73 0.00	61.91 -3.95 0.00	57.05 -2.32 0.00	44.28 -1.56 0.00	40.29 -1.77 0.00	37.24 -0.92 0.00	34.60 0.34 0.00

CALVERTON___SOLAR 323806	26.89 1.07 15.42	25.98 1.06 13.06	25.93 0.83 9.66	14.74 0.87 20.89	25.96 1.02 10.20	26.41 1.10 12.57	25.93 0.35 23.88	31.80 0.72 28.28	42.87 0.74 15.18	45.06 0.93 5.13	46.03 0.99 0.12	44.58 1.26 0.00	43.11 1.66 0.00	42.28 1.59 0.04	40.80 2.45 -0.11	41.90 2.07 0.00	45.22 1.28 0.01	48.35 1.74 13.20	47.02 0.92 19.77	46.12 0.12 13.36	44.32 -0.14 1.38	26.63 0.46 15.89	28.75 0.69 10.09	26.15 0.38 8.48
CANDIGU_WT_PWR 323617	40.45 -0.78 0.00	37.14 -0.84 0.00	34.00 -0.76 0.00	34.14 -0.62 0.00	34.37 -0.77 0.00	36.71 -1.17 0.00	47.68 -1.78 0.00	56.46 -2.91 0.00	53.52 -3.78 0.00	45.96 -3.30 0.00	42.13 -3.03 0.00	40.73 -2.60 0.00	38.88 -2.57 0.00	38.41 -2.32 0.00	36.16 -2.07 0.02	37.64 -2.19 0.00	41.62 -2.33 0.00	56.41 -3.41 0.00	63.49 -2.37 0.00	58.12 -1.25 0.00	44.97 -0.87 0.00	41.13 -0.93 0.00	37.66 -0.50 0.00	34.46 0.21 0.00
CARR STREET_E_SYR 24060	40.70 -0.54 0.00	37.45 -0.53 0.00	34.27 -0.49 0.00	34.27 -0.49 0.00	34.65 -0.49 0.00	37.35 -0.53 0.00	48.62 -0.84 0.00	58.36 -1.01 0.00	56.28 -1.03 0.00	48.37 -0.89 0.00	44.35 -0.81 0.00	42.59 -0.74 0.00	40.66 -0.79 0.00	40.00 -0.73 0.00	37.52 -0.73 0.00	39.11 -0.72 0.00	43.30 -0.66 0.00	58.74 -1.08 0.00	64.94 -0.92 0.00	58.66 -0.71 0.00	45.25 -0.60 0.00	41.47 -0.59 0.00	37.74 -0.42 0.00	33.91 -0.34 0.00
CARTHAGE___PAPER 23857	42.27 1.03 0.00	38.89 0.91 0.00	35.66 0.90 0.00	35.42 0.66 0.00	35.85 0.70 0.00	38.94 1.06 0.00	51.19 1.73 0.00	61.62 2.26 0.00	59.08 1.78 0.00	50.05 0.79 0.00	45.48 0.32 0.00	43.50 0.17 0.00	41.45 0.00 0.00	40.65 -0.08 0.00	37.90 -0.34 0.00	39.59 -0.24 0.00	43.69 -0.26 0.00	60.12 0.30 0.00	66.85 0.99 0.00	61.21 1.84 0.00	47.08 1.24 0.00	43.19 1.14 0.00	38.88 0.72 0.00	34.83 0.58 0.00
CASSADAGA_WT_PWR 323784	40.04 -1.20 0.00	36.84 -1.14 0.00	33.89 -0.87 0.00	34.14 -0.62 0.00	34.20 -0.95 0.00	36.22 -1.67 0.00	47.18 -2.27 0.00	55.39 -3.98 0.00	52.55 -4.76 0.00	45.37 -3.89 0.00	41.68 -3.48 0.00	40.60 -2.73 0.00	38.71 -2.74 0.00	38.29 -2.44 0.00	36.05 -2.18 0.02	37.32 -2.51 0.00	41.23 -2.73 0.00	55.81 -4.01 0.00	62.70 -3.16 0.00	58.06 -1.31 0.00	44.65 -1.19 0.00	40.71 -1.35 0.00	37.51 -0.65 0.00	34.73 0.48 0.00
CE_DUNWOOD___DRP 24194	43.18 1.94 0.00	39.80 1.82 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.54 2.08 0.00	62.04 2.67 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.78 2.62 0.00	45.97 2.64 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.22 2.87 -0.11	42.77 2.95 0.00	46.68 2.73 0.00	64.39 3.71 -0.86	70.13 3.23 -1.04	61.68 2.32 0.00	47.59 1.74 0.00	43.91 1.85 0.00	39.91 1.76 0.00	35.59 1.34 0.00
CE_MILLWOOD___DRP 24193	43.09 1.86 0.00	39.77 1.79 0.00	36.32 1.56 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.44 1.98 0.00	61.98 2.61 0.00	60.06 2.75 0.00	51.92 2.66 0.00	47.69 2.53 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.50 2.77 0.00	41.15 2.79 -0.11	42.69 2.87 0.00	46.64 2.68 0.00	64.26 3.59 -0.85	70.05 3.16 -1.03	61.62 2.26 0.00	47.54 1.70 0.00	43.86 1.81 0.00	39.87 1.72 0.00	35.55 1.30 0.00
CE_NYC2_DRP 24202	43.55 2.31 0.00	40.19 2.20 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.16 2.00 -0.01	40.04 2.16 0.00	51.44 1.98 0.00	62.04 2.67 0.00	60.23 2.92 0.00	52.17 2.91 0.00	47.96 2.80 0.00	46.27 2.95 0.00	44.68 3.23 0.00	43.99 3.26 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	46.94 2.99 0.00	64.40 3.71 -0.87	70.07 3.16 -1.05	61.50 2.14 0.00	47.54 1.70 0.00	44.20 2.14 0.00	40.30 2.14 -0.01	35.94 1.68 -0.01
CE_NYC_DRP 24195	43.42 2.19 0.00	40.03 2.05 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.04 1.90 0.00	39.93 2.05 0.00	51.68 2.23 0.00	62.28 2.91 0.00	60.46 3.15 0.00	52.31 3.05 0.00	48.09 2.94 0.00	46.27 2.95 0.00	44.64 3.19 0.00	43.95 3.22 0.00	41.60 3.25 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.64 3.95 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.77 1.93 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
CHAFFEE___LFGE 323603	40.13 -1.11 0.00	36.76 -1.22 0.00	33.61 -1.15 0.00	33.75 -1.01 0.00	33.91 -1.23 0.00	35.91 -1.97 0.00	46.59 -2.87 0.00	54.74 -4.63 0.00	52.09 -5.21 0.00	44.97 -4.29 0.00	41.37 -3.79 0.00	40.25 -3.08 0.00	38.38 -3.07 0.00	38.09 -2.65 0.00	35.89 -2.33 0.02	37.16 -2.67 0.00	41.01 -2.94 0.00	54.79 -5.02 0.00	61.38 -4.48 0.00	56.82 -2.55 0.00	44.10 -1.74 0.00	40.33 -1.73 0.00	37.24 -0.92 0.00	34.49 0.24 0.00
CHATEAUG_35_KV_LOAD 355732	42.23 0.99 0.00	39.04 1.06 0.00	35.77 1.01 0.00	35.52 0.76 0.00	35.95 0.81 0.00	38.98 1.10 0.00	50.55 1.09 0.00	60.44 1.07 0.00	58.11 0.80 0.00	49.85 0.59 0.00	45.48 0.32 0.00	43.76 0.43 0.00	41.41 -0.04 0.00	40.41 -0.33 0.00	37.60 -0.65 0.00	38.91 -0.92 0.00	42.86 -1.10 0.00	58.38 -1.44 0.00	65.53 -0.33 0.00	59.55 0.18 0.00	46.12 0.28 0.00	42.39 0.34 0.00	38.35 0.19 0.00	34.53 0.27 0.00
CHATEAUG_WT_PWR 323614	42.19 0.95 0.00	39.01 1.03 0.00	35.66 0.90 0.00	35.52 0.76 0.00	35.92 0.77 0.00	38.94 1.06 0.00	51.14 1.68 0.00	61.45 2.08 0.00	59.08 1.78 0.00	50.74 1.48 0.00	46.33 1.17 0.00	44.24 0.91 0.00	41.86 0.41 0.00	40.81 0.08 0.00	38.02 -0.23 0.00	39.31 -0.52 0.00	43.30 -0.66 0.00	59.40 -0.42 0.00	65.99 0.13 0.00	59.90 0.53 0.00	46.26 0.41 0.00	42.31 0.25 0.00	38.27 0.11 0.00	34.46 0.21 0.00
CHAT_HIGH_FALL_HYD 323578	42.23 0.99 0.00	39.04 1.06 0.00	35.77 1.01 0.00	35.52 0.76 0.00	35.95 0.81 0.00	38.98 1.10 0.00	50.55 1.09 0.00	60.44 1.07 0.00	58.11 0.80 0.00	49.85 0.59 0.00	45.48 0.32 0.00	43.76 0.43 0.00	41.41 -0.04 0.00	40.41 -0.33 0.00	37.60 -0.65 0.00	38.91 -0.92 0.00	42.86 -1.10 0.00	58.38 -1.44 0.00	65.53 -0.33 0.00	59.55 0.18 0.00	46.12 0.28 0.00	42.39 0.34 0.00	38.35 0.19 0.00	34.53 0.27 0.00
CHAUTAUQUA___LFGE 323629	40.25 -0.99 0.00	36.96 -1.02 0.00	33.86 -0.90 0.00	34.03 -0.73 0.00	34.16 -0.98 0.00	36.22 -1.67 0.00	47.04 -2.42 0.00	55.21 -4.16 0.00	52.38 -4.93 0.00	45.32 -3.94 0.00	41.64 -3.52 0.00	40.55 -2.77 0.00	38.71 -2.74 0.00	38.37 -2.36 0.00	36.20 -2.03 0.02	37.48 -2.35 0.00	41.36 -2.59 0.00	55.51 -4.31 0.00	62.24 -3.62 0.00	57.59 -1.78 0.00	44.56 -1.28 0.00	40.67 -1.39 0.00	37.51 -0.65 0.00	34.73 0.48 0.00
CHERRYST_13_KV_LD 356241	43.55 2.31 0.00	40.14 2.16 0.00	36.64 1.88 0.00	36.67 1.91 0.00	37.15 2.00 0.00	40.04 2.16 0.00	51.83 2.37 0.00	62.52 3.15 0.00	60.69 3.38 0.00	52.51 3.25 0.00	48.23 3.07 0.00	46.44 3.12 0.00	44.81 3.36 0.00	44.11 3.38 0.00	41.72 3.37 -0.11	43.25 3.42 0.00	47.16 3.21 0.00	64.87 4.19 -0.87	70.60 3.69 -1.05	62.10 2.73 0.00	47.91 2.06 0.00	44.24 2.19 0.00	40.25 2.10 0.00	35.86 1.61 0.00

CHESTROR_138KV_BK263 355645	42.89 1.65 0.00	39.54 1.56 0.00	36.12 1.36 0.00	36.19 1.43 0.00	36.59 1.44 0.00	39.47 1.59 0.00	51.29 1.83 0.00	61.74 2.37 0.00	59.71 2.41 0.00	51.58 2.32 0.00	47.28 2.12 0.00	45.49 2.17 0.00	43.85 2.40 0.00	43.10 2.36 0.00	41.01 2.37 -0.39	42.29 2.47 0.00	46.28 2.33 0.00	63.69 3.17 -0.70	69.53 2.83 -0.84	61.44 2.08 0.00	47.40 1.56 0.00	43.65 1.60 0.00	39.61 1.45 0.00	35.38 1.13 0.00
CH_MIDHUDSON___DRP 24192	43.01 1.77 0.00	39.65 1.67 0.00	36.22 1.46 0.00	36.29 1.53 0.00	36.69 1.55 0.00	39.59 1.70 0.00	51.44 1.98 0.00	61.92 2.55 0.00	60.06 2.75 0.00	51.82 2.56 0.00	47.55 2.39 0.00	45.71 2.38 0.00	44.02 2.57 0.00	43.30 2.57 0.00	40.86 2.52 -0.09	42.41 2.59 0.00	46.46 2.51 0.00	63.94 3.47 -0.65	69.81 3.16 -0.79	61.62 2.26 0.00	47.54 1.70 0.00	43.82 1.77 0.00	39.76 1.60 0.00	35.49 1.23 0.00
CH_MISC_IPPS 23765	43.34 2.10 0.00	39.92 1.94 0.00	36.43 1.67 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.85 1.97 0.00	51.78 2.33 0.00	62.34 2.97 0.00	60.34 3.04 0.00	52.07 2.81 0.00	47.73 2.57 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.46 2.73 0.00	41.02 2.68 -0.10	42.61 2.79 0.00	46.73 2.77 0.00	64.16 3.71 -0.63	70.11 3.49 -0.76	61.92 2.55 0.00	47.77 1.93 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.66 1.40 0.00
CH_RES_BVR_FALLS 23983	40.91 -0.33 0.00	37.72 -0.26 0.00	34.55 -0.21 0.00	34.55 -0.21 0.00	34.97 -0.17 0.00	37.73 -0.15 0.00	49.31 -0.15 0.00	59.19 -0.18 0.00	57.08 -0.23 0.00	49.11 -0.15 0.00	44.98 -0.18 0.00	43.11 -0.22 0.00	41.16 -0.29 0.00	40.37 -0.37 0.00	37.86 -0.38 0.00	39.35 -0.48 0.00	43.38 -0.57 0.00	59.16 -0.66 0.00	65.27 -0.59 0.00	58.83 -0.54 0.00	45.43 -0.41 0.00	41.64 -0.42 0.00	37.70 -0.46 0.00	33.88 -0.38 0.00
CH_RES_NIAGARA 23895	39.38 -1.86 0.00	36.08 -1.90 0.00	33.16 -1.60 0.00	33.09 -1.67 0.00	33.32 -1.83 0.00	35.46 -2.42 0.00	45.70 -3.76 0.00	53.08 -6.29 0.00	50.26 -7.05 0.00	43.79 -5.47 0.00	40.24 -4.92 0.00	39.17 -4.16 0.00	37.51 -3.94 0.00	37.07 -3.67 0.00	35.06 -3.17 0.02	36.36 -3.46 0.00	40.61 -3.34 0.00	53.36 -6.46 0.00	59.87 -5.99 0.00	55.09 -4.27 0.00	42.86 -2.98 0.00	39.11 -2.94 0.00	36.36 -1.79 0.00	34.29 0.03 0.00
CH_RES_SYRACUSE 23985	40.95 -0.29 0.00	37.67 -0.31 0.00	34.45 -0.31 0.00	34.48 -0.28 0.00	34.83 -0.32 0.00	37.58 -0.30 0.00	49.01 -0.45 0.00	58.83 -0.54 0.00	56.73 -0.57 0.00	48.77 -0.49 0.00	44.66 -0.50 0.00	42.85 -0.48 0.00	40.95 -0.50 0.00	40.25 -0.49 0.00	37.75 -0.50 0.00	39.35 -0.48 0.00	43.56 -0.40 0.00	59.16 -0.66 0.00	65.47 -0.39 0.00	59.19 -0.18 0.00	45.62 -0.23 0.00	41.81 -0.25 0.00	37.97 -0.19 0.00	34.08 -0.17 0.00
CLINTON_WT_PWR 323605	42.19 0.95 0.00	39.01 1.03 0.00	35.66 0.90 0.00	35.52 0.76 0.00	35.92 0.77 0.00	38.94 1.06 0.00	51.14 1.68 0.00	61.45 2.08 0.00	59.08 1.78 0.00	50.74 1.48 0.00	46.33 1.17 0.00	44.24 0.91 0.00	41.86 0.41 0.00	40.81 0.08 0.00	38.02 -0.23 0.00	39.31 -0.52 0.00	43.30 -0.66 0.00	59.40 -0.42 0.00	65.99 0.13 0.00	59.90 0.53 0.00	46.26 0.41 0.00	42.31 0.25 0.00	38.27 0.11 0.00	34.46 0.21 0.00
CLINTON___LFGE 323618	42.93 1.69 0.00	39.77 1.79 0.00	36.29 1.53 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.74 1.86 0.00	52.33 2.87 0.00	62.75 3.38 0.00	60.23 2.92 0.00	51.72 2.46 0.00	47.10 1.94 0.00	44.97 1.65 0.00	42.40 0.95 0.00	41.30 0.57 0.00	38.36 0.12 0.00	39.59 -0.24 0.00	43.60 -0.35 0.00	60.06 0.24 0.00	67.05 1.19 0.00	61.15 1.78 0.00	47.22 1.37 0.00	42.98 0.92 0.00	38.80 0.65 0.00	34.97 0.72 0.00
COBBLENY_34_KV_TB1 80064	40.33 -0.91 0.00	36.95 -1.03 0.00	34.00 -0.76 0.00	33.93 -0.83 0.00	34.13 -1.02 0.00	36.10 -1.78 0.00	47.23 -2.23 0.00	55.09 -4.27 0.00	52.21 -5.10 0.00	45.32 -3.94 0.00	41.64 -3.52 0.00	40.42 -2.90 0.00	38.71 -2.74 0.00	38.21 -2.53 0.00	36.09 -2.14 0.02	37.44 -2.39 0.00	41.80 -2.15 0.00	55.21 -4.61 0.00	62.04 -3.82 0.00	57.23 -2.14 0.00	44.38 -1.47 0.00	40.37 -1.68 0.00	37.24 -0.92 0.00	34.60 0.34 0.00
COFFEEN___115KV_TB3 355620	42.64 1.40 0.00	39.23 1.25 0.00	35.98 1.22 0.00	35.70 0.94 0.00	36.13 0.98 0.00	39.25 1.36 0.00	51.68 2.23 0.00	62.16 2.79 0.00	59.54 2.23 0.00	50.29 1.03 0.00	45.57 0.41 0.00	43.63 0.30 0.00	41.53 0.08 0.00	40.73 0.00 0.00	37.98 -0.27 0.00	39.79 -0.04 0.00	44.04 0.09 0.00	60.54 0.72 0.00	67.64 1.78 0.00	62.16 2.79 0.00	47.72 1.88 0.00	43.61 1.56 0.00	39.34 1.18 0.00	35.25 0.99 0.00
COLDSPRG_115KV_BK1 355956	40.54 -0.70 0.00	37.26 -0.72 0.00	34.34 -0.42 0.00	34.34 -0.42 0.00	34.51 -0.63 0.00	36.63 -1.25 0.00	48.22 -1.24 0.00	56.34 -3.03 0.00	53.24 -4.07 0.00	46.21 -3.05 0.00	42.36 -2.80 0.00	41.16 -2.17 0.00	39.42 -2.03 0.00	38.82 -1.91 0.00	36.62 -1.61 0.02	37.95 -1.87 0.00	42.33 -1.63 0.00	56.47 -3.35 0.00	63.49 -2.37 0.00	58.60 -0.77 0.00	45.20 -0.64 0.00	40.96 -1.09 0.00	37.62 -0.53 0.00	34.90 0.65 0.00
COLONIE_LFGE___ 323577	42.31 1.07 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.98 1.10 0.00	50.94 1.48 0.00	61.15 1.78 0.00	59.19 1.89 0.00	50.84 1.58 0.00	46.65 1.49 0.00	44.62 1.30 0.00	42.78 1.33 0.00	42.07 1.34 0.00	39.61 1.34 -0.03	41.26 1.43 0.00	45.53 1.58 0.00	71.92 2.45 -9.64	80.00 2.50 -11.63	61.09 1.72 0.00	47.22 1.37 0.00	43.23 1.18 0.00	39.22 1.07 0.00	35.07 0.82 0.00
COOPERNY_115KV_TB1 80082	42.64 1.40 0.00	39.27 1.29 0.00	35.91 1.15 0.00	35.94 1.18 0.00	36.37 1.23 0.00	39.21 1.33 0.00	50.99 1.53 0.00	61.33 1.96 0.00	59.25 1.95 0.00	51.13 1.87 0.00	46.88 1.72 0.00	45.10 1.78 0.00	43.40 1.95 0.00	42.69 1.96 0.00	39.99 1.95 0.20	41.86 2.03 0.00	45.89 1.93 0.00	62.39 2.57 0.00	68.17 2.31 0.00	61.09 1.72 0.00	47.17 1.33 0.00	43.40 1.35 0.00	39.41 1.26 0.00	35.25 0.99 0.00
COPENHAGEN_WT_PWR 323753	42.27 1.03 0.00	38.85 0.87 0.00	35.63 0.87 0.00	35.42 0.66 0.00	35.85 0.70 0.00	38.91 1.02 0.00	51.14 1.68 0.00	61.50 2.13 0.00	59.02 1.72 0.00	49.95 0.69 0.00	45.39 0.23 0.00	43.41 0.09 0.00	41.37 -0.08 0.00	40.61 -0.12 0.00	37.86 -0.38 0.00	39.63 -0.20 0.00	43.82 -0.13 0.00	60.12 0.30 0.00	67.05 1.19 0.00	61.39 2.02 0.00	47.22 1.37 0.00	43.28 1.22 0.00	38.99 0.84 0.00	34.94 0.68 0.00
CORNELL_____ 23752	41.73 0.49 0.00	38.40 0.42 0.00	35.14 0.38 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.34 0.45 0.00	50.15 0.69 0.00	60.02 0.65 0.00	57.54 0.23 0.00	49.36 0.10 0.00	45.07 -0.09 0.00	43.19 -0.13 0.00	41.28 -0.17 0.00	40.57 -0.16 0.00	38.11 -0.11 0.02	39.83 0.00 0.00	44.26 0.31 0.00	60.18 0.36 0.00	66.85 0.99 0.00	60.67 1.31 0.00	46.71 0.87 0.00	42.69 0.63 0.00	38.73 0.57 0.00	34.87 0.62 0.00

CORONA__69_KV_TB1 355595	43.09 1.86 0.00	39.65 1.67 0.00	36.29 1.53 0.00	36.25 1.49 0.00	36.76 1.62 0.00	39.59 1.70 0.00	50.60 1.53 0.39	60.18 2.14 1.33	58.54 2.35 1.11	51.19 2.32 0.38	47.68 2.53 0.01	45.97 2.64 0.00	44.35 2.90 0.00	43.58 2.85 0.00	41.57 3.21 -0.11	42.81 2.99 0.00	46.50 2.55 0.01	64.15 3.47 -0.86	69.80 2.90 -1.04	61.26 1.90 0.01	47.14 1.42 0.12	43.61 1.56 0.01	39.56 1.41 0.01	35.27 1.03 0.01
CORTLAND__115KV_TB3 80093	41.49 0.25 0.00	38.17 0.19 0.00	34.93 0.17 0.00	34.93 0.17 0.00	35.32 0.18 0.00	38.07 0.19 0.00	49.80 0.35 0.00	59.67 0.30 0.00	57.36 0.06 0.00	49.26 0.00 0.00	45.02 -0.14 0.00	43.19 -0.13 0.00	41.33 -0.12 0.00	40.61 -0.12 0.00	38.11 -0.11 0.02	39.79 -0.04 0.00	44.09 0.13 0.00	59.94 0.12 0.00	66.39 0.53 0.00	60.08 0.71 0.00	46.30 0.46 0.00	42.35 0.29 0.00	38.46 0.31 0.00	34.60 0.34 0.00
COXSACKIE__GT 23611	42.85 1.61 0.00	39.35 1.37 0.00	35.98 1.22 0.00	36.01 1.25 0.00	36.41 1.26 0.00	39.44 1.55 0.00	51.44 1.98 0.00	61.75 2.38 0.00	59.71 2.41 0.00	50.64 1.38 0.00	46.33 1.17 0.00	44.19 0.87 0.00	42.28 0.83 0.00	41.50 0.77 0.00	39.05 0.76 -0.03	40.82 1.00 0.00	45.27 1.32 0.00	52.90 2.99 9.91	57.52 3.62 11.96	61.68 2.31 0.00	47.54 1.70 0.00	43.57 1.51 0.00	39.45 1.30 0.00	35.28 1.03 0.00
CPV_VALLEY__CC1 323721	42.72 1.48 0.00	39.39 1.41 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.45 1.30 0.00	39.29 1.40 0.00	51.04 1.58 0.00	61.39 2.02 0.00	59.31 2.00 0.00	51.23 1.97 0.00	47.01 1.85 0.00	45.28 1.95 0.00	43.60 2.15 0.00	42.85 2.12 0.00	40.17 2.14 0.22	42.05 2.23 0.00	46.15 2.20 0.00	63.19 2.75 -0.62	69.05 2.44 -0.75	61.09 1.72 0.00	47.13 1.28 0.00	43.49 1.43 0.00	39.45 1.30 0.00	35.28 1.03 0.00
CPV_VALLEY__CC2 323722	42.72 1.48 0.00	39.39 1.41 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.45 1.30 0.00	39.29 1.40 0.00	51.04 1.58 0.00	61.39 2.02 0.00	59.31 2.00 0.00	51.23 1.97 0.00	47.01 1.85 0.00	45.28 1.95 0.00	43.60 2.15 0.00	42.85 2.12 0.00	40.17 2.14 0.22	42.05 2.23 0.00	46.15 2.20 0.00	63.19 2.75 -0.62	69.05 2.44 -0.75	61.09 1.72 0.00	47.13 1.28 0.00	43.49 1.43 0.00	39.45 1.30 0.00	35.28 1.03 0.00
CRESCENT__HYD 24018	42.31 1.07 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.98 1.10 0.00	50.94 1.48 0.00	61.15 1.78 0.00	59.19 1.89 0.00	50.84 1.58 0.00	46.65 1.49 0.00	44.62 1.30 0.00	42.78 1.33 0.00	42.07 1.34 0.00	39.61 1.34 -0.03	41.26 1.43 0.00	45.53 1.58 0.00	71.92 2.45 -9.64	80.00 2.50 -11.63	61.09 1.72 0.00	47.22 1.37 0.00	43.23 1.18 0.00	39.22 1.07 0.00	35.07 0.82 0.00
CRICKET__VALLEY_CC1 323756	42.56 1.32 0.00	39.23 1.25 0.00	35.84 1.08 0.00	35.91 1.15 0.00	36.34 1.20 0.00	39.21 1.33 0.00	50.94 1.48 0.00	61.27 1.90 0.00	59.37 2.06 0.00	51.28 2.02 0.00	47.10 1.94 0.00	45.28 1.95 0.00	43.60 2.15 0.00	42.89 2.16 0.00	40.50 2.18 -0.07	42.09 2.27 0.00	46.20 2.24 0.00	64.30 2.99 -1.49	70.29 2.64 -1.79	61.09 1.72 0.00	47.17 1.33 0.00	43.40 1.35 0.00	39.45 1.30 0.00	35.21 0.96 0.00
CRICKET__VALLEY_CC2 323757	42.56 1.32 0.00	39.23 1.25 0.00	35.84 1.08 0.00	35.91 1.15 0.00	36.34 1.20 0.00	39.21 1.33 0.00	50.94 1.48 0.00	61.27 1.90 0.00	59.37 2.06 0.00	51.28 2.02 0.00	47.10 1.94 0.00	45.28 1.95 0.00	43.60 2.15 0.00	42.89 2.16 0.00	40.50 2.18 -0.07	42.09 2.27 0.00	46.20 2.24 0.00	64.30 2.99 -1.49	70.29 2.64 -1.79	61.09 1.72 0.00	47.17 1.33 0.00	43.40 1.35 0.00	39.45 1.30 0.00	35.21 0.96 0.00
CRICKET__VALLEY_CC3 323758	42.56 1.32 0.00	39.23 1.25 0.00	35.84 1.08 0.00	35.91 1.15 0.00	36.34 1.20 0.00	39.21 1.33 0.00	50.94 1.48 0.00	61.27 1.90 0.00	59.37 2.06 0.00	51.28 2.02 0.00	47.10 1.94 0.00	45.28 1.95 0.00	43.60 2.15 0.00	42.89 2.16 0.00	40.50 2.18 -0.07	42.09 2.27 0.00	46.20 2.24 0.00	64.30 2.99 -1.49	70.29 2.64 -1.79	61.09 1.72 0.00	47.17 1.33 0.00	43.40 1.35 0.00	39.45 1.30 0.00	35.21 0.96 0.00
CRUCIBLE_METL_DRP 24180	40.95 -0.29 0.00	37.71 -0.27 0.00	34.48 -0.28 0.00	34.48 -0.28 0.00	34.86 -0.28 0.00	37.62 -0.27 0.00	49.11 -0.35 0.00	58.89 -0.47 0.00	56.79 -0.52 0.00	48.82 -0.44 0.00	44.71 -0.45 0.00	42.89 -0.43 0.00	40.99 -0.46 0.00	40.28 -0.45 0.00	37.79 -0.46 0.00	39.39 -0.44 0.00	43.65 -0.31 0.00	59.22 -0.60 0.00	65.53 -0.33 0.00	59.31 -0.06 0.00	45.66 -0.18 0.00	41.80 -0.25 0.00	37.96 -0.19 0.00	34.12 -0.14 0.00
DAHOWA__HYDRO 323763	42.72 1.48 0.00	39.35 1.37 0.00	35.98 1.22 0.00	36.01 1.25 0.00	36.45 1.30 0.00	39.40 1.52 0.00	51.63 2.17 0.00	61.92 2.55 0.00	59.89 2.58 0.00	51.03 1.77 0.00	46.70 1.54 0.00	44.54 1.21 0.00	42.53 1.08 0.00	41.71 0.98 0.00	39.23 0.96 -0.03	40.94 1.11 0.00	45.36 1.41 0.00	68.74 2.40 -6.53	76.57 2.83 -7.88	61.56 2.20 0.00	47.59 1.74 0.00	43.49 1.43 0.00	39.41 1.26 0.00	35.18 0.93 0.00
DANC__LFGE 323619	41.57 0.33 0.00	38.25 0.27 0.00	35.04 0.28 0.00	34.90 0.14 0.00	35.29 0.14 0.00	38.22 0.34 0.00	50.15 0.69 0.00	60.26 0.89 0.00	57.94 0.63 0.00	49.31 0.05 0.00	44.89 -0.27 0.00	43.02 -0.30 0.00	41.04 -0.41 0.00	40.29 -0.45 0.00	37.63 -0.61 0.00	39.31 -0.52 0.00	43.47 -0.48 0.00	59.46 -0.36 0.00	66.06 0.20 0.00	60.20 0.83 0.00	46.40 0.55 0.00	42.56 0.51 0.00	38.42 0.27 0.00	34.46 0.21 0.00
DANSKAMMER__1 23586	43.34 2.10 0.00	39.92 1.94 0.00	36.43 1.67 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.85 1.97 0.00	51.78 2.33 0.00	62.34 2.97 0.00	60.34 3.04 0.00	52.07 2.81 0.00	47.73 2.57 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.46 2.73 0.00	41.02 2.68 -0.10	42.61 2.79 0.00	46.73 2.77 0.00	64.16 3.71 -0.63	70.11 3.49 -0.76	61.92 2.55 0.00	47.77 1.93 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.66 1.40 0.00
DANSKAMMER__2 23589	43.34 2.10 0.00	39.92 1.94 0.00	36.43 1.67 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.85 1.97 0.00	51.78 2.33 0.00	62.34 2.97 0.00	60.34 3.04 0.00	52.07 2.81 0.00	47.73 2.57 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.46 2.73 0.00	41.02 2.68 -0.10	42.61 2.79 0.00	46.73 2.77 0.00	64.16 3.71 -0.63	70.11 3.49 -0.76	61.92 2.55 0.00	47.77 1.93 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.66 1.40 0.00
DANSKAMMER__3 23590	43.34 2.10 0.00	39.92 1.94 0.00	36.43 1.67 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.85 1.97 0.00	51.78 2.33 0.00	62.34 2.97 0.00	60.34 3.04 0.00	52.07 2.81 0.00	47.73 2.57 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.46 2.73 0.00	41.02 2.68 -0.10	42.61 2.79 0.00	46.73 2.77 0.00	64.16 3.71 -0.63	70.11 3.49 -0.76	61.92 2.55 0.00	47.77 1.93 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.66 1.40 0.00

DANSKAMMER___4 23591	43.34 2.10 0.00	39.92 1.94 0.00	36.43 1.67 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.85 1.97 0.00	51.78 2.33 0.00	62.34 2.97 0.00	60.34 3.04 0.00	52.07 2.81 0.00	47.73 2.57 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.46 2.73 0.00	41.02 2.68 -0.10	42.61 2.79 0.00	46.73 2.77 0.00	64.16 3.71 -0.63	70.11 3.49 -0.76	61.92 2.55 0.00	47.77 1.93 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.66 1.40 0.00
DANSKAMMER___DIESEL 23592	43.34 2.10 0.00	39.92 1.94 0.00	36.46 1.70 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.85 1.97 0.00	51.78 2.32 0.00	62.40 3.03 0.00	60.46 3.15 0.00	52.17 2.91 0.00	47.82 2.66 0.00	45.92 2.60 0.00	44.27 2.82 0.00	43.50 2.77 0.00	41.02 2.68 -0.10	42.61 2.79 0.00	46.68 2.73 0.00	64.22 3.77 -0.63	70.25 3.62 -0.76	62.04 2.67 0.00	47.81 1.97 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.62 1.37 0.00
DARBY___SOLAR 323810	42.60 1.36 0.00	39.23 1.25 0.00	35.91 1.15 0.00	35.94 1.18 0.00	36.34 1.20 0.00	39.29 1.40 0.00	51.49 2.03 0.00	61.75 2.38 0.00	59.71 2.41 0.00	50.94 1.68 0.00	46.60 1.44 0.00	44.50 1.17 0.00	42.49 1.04 0.00	41.71 0.98 0.00	39.23 0.96 -0.03	40.94 1.11 0.00	45.32 1.36 0.00	69.08 2.33 -6.93	76.92 2.70 -8.36	61.44 2.08 0.00	47.45 1.60 0.00	43.40 1.35 0.00	39.34 1.18 0.00	35.14 0.89 0.00
DASHVILLE___HYD 23610	43.05 1.81 0.00	39.61 1.63 0.00	36.19 1.43 0.00	36.25 1.49 0.00	36.69 1.55 0.00	39.55 1.67 0.00	51.29 1.83 0.00	61.80 2.43 0.00	59.83 2.52 0.00	51.58 2.32 0.00	47.24 2.08 0.00	45.36 2.04 0.00	43.69 2.24 0.00	42.97 2.24 0.00	40.52 2.22 -0.06	42.14 2.31 0.00	46.11 2.15 0.00	61.59 3.59 1.81	67.03 3.36 2.19	61.33 1.96 0.00	47.31 1.47 0.00	43.65 1.60 0.00	39.61 1.45 0.00	35.35 1.10 0.00
DELAWARE___LFGE 323621	42.15 0.91 0.00	38.82 0.84 0.00	35.52 0.76 0.00	35.56 0.80 0.00	35.99 0.84 0.00	38.75 0.87 0.00	50.60 1.14 0.00	60.73 1.37 0.00	58.57 1.26 0.00	50.29 1.03 0.00	46.02 0.86 0.00	44.15 0.82 0.00	42.36 0.91 0.00	41.63 0.90 0.00	39.08 0.88 0.04	40.82 1.00 0.00	44.97 1.01 0.00	61.26 1.44 0.00	67.31 1.45 0.00	60.61 1.25 0.00	46.81 0.96 0.00	42.98 0.93 0.00	39.00 0.84 0.00	34.97 0.72 0.00
DERFIELD_115KV_TB7 355931	41.32 0.08 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.83 0.07 0.00	35.25 0.11 0.00	38.00 0.11 0.00	49.61 0.15 0.00	59.55 0.18 0.00	57.54 0.23 0.00	49.41 0.15 0.00	45.29 0.14 0.00	43.45 0.13 0.00	41.62 0.17 0.00	40.90 0.16 0.00	38.40 0.15 0.00	40.02 0.20 0.00	44.17 0.22 0.00	60.12 0.30 0.00	66.13 0.26 0.00	59.55 0.18 0.00	45.98 0.14 0.00	42.18 0.13 0.00	38.27 0.11 0.00	34.32 0.07 0.00
DOGLEVILLE___HYD 23807	42.85 1.61 0.00	39.42 1.44 0.00	36.08 1.32 0.00	36.08 1.32 0.00	36.48 1.34 0.00	39.40 1.52 0.00	51.58 2.13 0.00	61.98 2.61 0.00	59.83 2.52 0.00	51.33 2.07 0.00	47.01 1.85 0.00	45.01 1.69 0.00	42.98 1.53 0.00	42.16 1.43 0.00	39.51 1.26 0.00	41.18 1.35 0.00	45.49 1.54 0.00	61.91 2.09 0.00	68.30 2.44 0.00	61.74 2.37 0.00	47.72 1.88 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.76 1.51 0.00
DUNKIRK__115KV_TB_200 55889	40.46 -0.78 0.00	37.14 -0.84 0.00	34.20 -0.56 0.00	34.17 -0.59 0.00	34.37 -0.77 0.00	36.41 -1.48 0.00	47.68 -1.78 0.00	55.57 -3.80 0.00	52.43 -4.87 0.00	45.61 -3.65 0.00	41.86 -3.30 0.00	40.73 -2.60 0.00	39.00 -2.45 0.00	38.49 -2.24 0.00	36.35 -1.87 0.02	37.71 -2.11 0.00	42.11 -1.85 0.00	55.87 -3.95 0.00	62.77 -3.10 0.00	57.88 -1.48 0.00	44.79 -1.05 0.00	40.67 -1.39 0.00	37.47 -0.69 0.00	34.80 0.55 0.00
DUNKIRK___1 23563	40.46 -0.78 0.00	37.14 -0.84 0.00	34.20 -0.56 0.00	34.17 -0.59 0.00	34.37 -0.77 0.00	36.41 -1.48 0.00	47.68 -1.78 0.00	55.57 -3.80 0.00	52.43 -4.87 0.00	45.61 -3.65 0.00	41.86 -3.30 0.00	40.73 -2.60 0.00	39.00 -2.45 0.00	38.49 -2.24 0.00	36.35 -1.87 0.02	37.71 -2.11 0.00	42.11 -1.85 0.00	55.87 -3.95 0.00	62.77 -3.10 0.00	57.88 -1.48 0.00	44.79 -1.05 0.00	40.67 -1.39 0.00	37.47 -0.69 0.00	34.80 0.55 0.00
DUNKIRK___2 23564	40.46 -0.78 0.00	37.14 -0.84 0.00	34.20 -0.56 0.00	34.17 -0.59 0.00	34.37 -0.77 0.00	36.41 -1.48 0.00	47.68 -1.78 0.00	55.57 -3.80 0.00	52.43 -4.87 0.00	45.61 -3.65 0.00	41.86 -3.30 0.00	40.73 -2.60 0.00	39.00 -2.45 0.00	38.49 -2.24 0.00	36.35 -1.87 0.02	37.71 -2.11 0.00	42.11 -1.85 0.00	55.87 -3.95 0.00	62.77 -3.10 0.00	57.88 -1.48 0.00	44.79 -1.05 0.00	40.67 -1.39 0.00	37.47 -0.69 0.00	34.80 0.55 0.00
DUNKIRK___3 23565	40.37 -0.87 0.00	37.03 -0.95 0.00	34.06 -0.70 0.00	34.03 -0.73 0.00	34.23 -0.91 0.00	36.25 -1.63 0.00	47.43 -2.03 0.00	55.27 -4.10 0.00	52.21 -5.10 0.00	45.37 -3.89 0.00	41.68 -3.48 0.00	40.51 -2.82 0.00	38.84 -2.61 0.00	38.33 -2.40 0.00	36.16 -2.07 0.02	37.56 -2.27 0.00	41.93 -2.02 0.00	55.57 -4.25 0.00	62.44 -3.42 0.00	57.53 -1.84 0.00	44.51 -1.33 0.00	40.50 -1.56 0.00	37.32 -0.84 0.00	34.66 0.41 0.00
DUNKIRK___4 23566	40.37 -0.87 0.00	37.03 -0.95 0.00	34.06 -0.70 0.00	34.03 -0.73 0.00	34.23 -0.91 0.00	36.25 -1.63 0.00	47.43 -2.03 0.00	55.27 -4.10 0.00	52.21 -5.10 0.00	45.37 -3.89 0.00	41.68 -3.48 0.00	40.51 -2.82 0.00	38.84 -2.61 0.00	38.33 -2.40 0.00	36.16 -2.07 0.02	37.56 -2.27 0.00	41.93 -2.02 0.00	55.57 -4.25 0.00	62.44 -3.42 0.00	57.53 -1.84 0.00	44.51 -1.33 0.00	40.50 -1.56 0.00	37.32 -0.84 0.00	34.66 0.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.26 2.02 0.00	39.88 1.90 0.00	36.43 1.67 0.00	36.46 1.70 0.00	36.90 1.76 0.00	39.78 1.89 0.00	51.58 2.13 0.00	62.16 2.79 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.91 2.75 0.00	46.05 2.73 0.00	44.43 2.98 0.00	43.71 2.97 0.00	41.34 2.98 -0.11	42.85 3.03 0.00	46.77 2.81 0.00	64.46 3.77 -0.87	70.27 3.36 -1.05	61.74 2.37 0.00	47.63 1.79 0.00	43.99 1.93 0.00	39.99 1.83 0.00	35.66 1.40 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.18 1.94 0.00	39.77 1.79 0.00	36.32 1.56 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.70 1.82 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.17 2.87 0.00	51.97 2.71 0.00	47.60 2.44 0.00	45.79 2.47 0.00	44.14 2.69 0.00	43.38 2.65 0.00	40.98 2.60 -0.13	42.53 2.71 0.00	46.59 2.64 0.00	63.93 3.53 -0.58	69.85 3.29 -0.70	61.80 2.43 0.00	47.68 1.83 0.00	43.91 1.85 0.00	39.83 1.68 0.00	35.52 1.27 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.51 2.27 0.00	40.04 2.05 -0.01	36.54 1.77 -0.01	36.58 1.81 -0.01	37.01 1.86 -0.01	39.89 2.01 0.00	51.19 1.73 0.00	61.80 2.43 0.00	60.00 2.69 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.74 2.83 -1.05	61.21 1.84 0.00	47.36 1.51 0.00	44.03 1.98 0.00	40.13 1.98 0.01	35.79 1.54 0.01

E179THST_13_KV_LOAD 356214	43.71 2.47 0.00	40.23 2.24 -0.01	36.71 1.95 -0.01	36.71 1.95 -0.01	37.16 2.00 -0.01	40.04 2.16 0.00	51.44 1.98 0.00	62.10 2.73 0.00	60.29 2.98 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.27 2.95 0.00	44.72 3.27 0.00	44.03 3.30 0.00	41.76 3.40 -0.11	43.25 3.42 0.00	46.94 2.99 0.00	64.46 3.77 -0.87	70.14 3.23 -1.05	61.56 2.20 0.00	47.59 1.74 0.00	44.20 2.14 0.00	40.32 2.17 0.01	35.92 1.68 0.01
EAST HAMPTON___GT 23717	26.62 0.78 15.40	25.70 0.76 13.04	25.67 0.55 9.65	14.49 0.59 20.86	25.73 0.77 10.19	26.16 0.83 12.55	25.06 -0.54 23.85	30.94 -0.18 28.26	42.43 0.29 15.17	44.87 0.74 5.13	46.12 1.08 0.12	44.58 1.26 0.00	43.15 1.70 0.00	42.12 1.42 0.04	40.53 2.18 -0.11	41.78 1.95 0.00	45.13 1.19 0.01	48.43 1.79 13.18	47.44 1.32 19.74	46.44 0.42 13.35	44.23 -0.23 1.38	26.07 -0.13 15.86	27.85 -0.23 10.08	25.65 -0.14 8.47
EAST RIVER___6 23660	43.46 2.23 0.00	40.07 2.09 0.00	36.53 1.77 0.00	36.60 1.84 0.00	37.08 1.93 0.00	39.93 2.04 0.00	51.63 2.17 0.00	62.10 2.73 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.01 2.85 0.00	46.27 2.95 0.00	44.69 3.24 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	47.12 3.17 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.68 2.31 0.00	47.77 1.93 0.00	44.12 2.06 0.00	40.18 2.02 0.00	35.83 1.58 0.00
EAST RIVER___7 23524	43.46 2.23 0.00	40.07 2.09 0.00	36.53 1.77 0.00	36.60 1.84 0.00	37.08 1.93 0.00	39.93 2.04 0.00	51.63 2.17 0.00	62.10 2.73 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.01 2.85 0.00	46.27 2.95 0.00	44.69 3.24 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	47.12 3.17 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.68 2.31 0.00	47.77 1.93 0.00	44.12 2.06 0.00	40.18 2.02 0.00	35.83 1.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.18 1.94 0.00	39.80 1.82 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.54 2.08 0.00	62.04 2.67 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.78 2.62 0.00	45.97 2.64 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.22 2.87 -0.11	42.77 2.95 0.00	46.68 2.73 0.00	64.39 3.71 -0.86	70.13 3.23 -1.04	61.68 2.32 0.00	47.59 1.74 0.00	43.91 1.85 0.00	39.91 1.76 0.00	35.59 1.34 0.00
EAST_HAMPTON___DIESEL 23722	26.54 0.70 15.40	25.59 0.65 13.04	25.60 0.49 9.65	14.42 0.52 20.86	25.62 0.67 10.19	26.05 0.72 12.55	24.91 -0.69 23.85	30.76 -0.35 28.26	42.25 0.11 15.17	44.73 0.59 5.13	46.03 0.99 0.12	44.50 1.17 0.00	43.07 1.61 0.00	42.03 1.34 0.04	40.46 2.10 -0.11	41.70 1.87 0.00	45.05 1.10 0.01	48.37 1.74 13.18	47.37 1.25 19.74	46.32 0.30 13.35	44.14 -0.32 1.38	25.94 -0.25 15.86	27.74 -0.34 10.08	25.58 -0.20 8.47
EAST_POINT___SOLAR 323840	43.10 1.86 0.00	39.61 1.63 0.00	36.25 1.49 0.00	36.22 1.46 0.00	36.69 1.54 0.00	39.81 1.93 0.00	52.43 2.97 0.00	62.75 3.38 0.00	59.77 2.46 0.00	49.36 0.10 0.00	44.48 -0.68 0.00	42.24 -1.08 0.00	40.25 -1.20 0.00	39.35 -1.39 0.00	36.79 -1.45 0.00	38.47 -1.35 0.00	43.21 -0.75 0.00	64.03 1.13 -3.07	72.66 3.10 -3.71	62.16 2.79 0.00	48.00 2.16 0.00	43.90 1.85 0.00	39.64 1.49 0.00	35.35 1.10 0.00
EAST_PULASKI___ESR 323781	40.95 -0.29 0.00	37.67 -0.31 0.00	34.48 -0.28 0.00	34.41 -0.35 0.00	34.83 -0.32 0.00	37.62 -0.26 0.00	49.21 -0.25 0.00	59.07 -0.30 0.00	56.91 -0.40 0.00	48.67 -0.59 0.00	44.48 -0.68 0.00	42.68 -0.65 0.00	40.75 -0.70 0.00	40.04 -0.69 0.00	37.44 -0.80 0.00	39.11 -0.72 0.00	43.25 -0.70 0.00	58.86 -0.96 0.00	65.20 -0.66 0.00	59.19 -0.18 0.00	45.62 -0.23 0.00	41.85 -0.21 0.00	37.89 -0.27 0.00	34.01 -0.24 0.00
EAST_RIVER___1 323558	43.42 2.18 0.00	40.03 2.05 0.00	36.53 1.77 0.00	36.60 1.84 0.00	37.04 1.90 0.00	39.93 2.04 0.00	51.63 2.17 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	47.96 2.80 0.00	46.23 2.90 0.00	44.64 3.19 0.00	43.87 3.14 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	47.08 3.12 0.00	64.57 3.89 -0.87	70.33 3.42 -1.05	61.74 2.38 0.00	47.72 1.88 0.00	44.12 2.06 0.00	40.18 2.02 0.00	35.83 1.58 0.00
EAST_RIVER___2 323559	43.46 2.23 0.00	40.07 2.09 0.00	36.53 1.77 0.00	36.60 1.84 0.00	37.08 1.93 0.00	39.93 2.04 0.00	51.63 2.17 0.00	62.10 2.73 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.01 2.85 0.00	46.27 2.95 0.00	44.69 3.24 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	47.12 3.17 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.68 2.31 0.00	47.77 1.93 0.00	44.12 2.06 0.00	40.18 2.02 0.00	35.83 1.58 0.00
EAST___DELAWARE_HYD 23607	43.22 1.98 0.00	39.77 1.79 0.00	36.33 1.57 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.74 1.86 0.00	51.69 2.23 0.00	62.22 2.85 0.00	60.17 2.86 0.00	51.77 2.51 0.00	47.28 2.12 0.00	45.49 2.17 0.00	43.81 2.36 0.00	43.05 2.32 0.00	40.54 2.29 0.00	42.26 2.43 0.00	46.41 2.46 0.00	63.11 3.29 0.00	69.09 3.23 0.00	61.80 2.43 0.00	47.63 1.79 0.00	43.90 1.85 0.00	39.76 1.60 0.00	35.48 1.23 0.00
EIGHT_POINT___WT_PWR 323820	40.79 -0.45 0.00	37.33 -0.65 0.00	34.10 -0.66 0.00	34.20 -0.56 0.00	34.51 -0.63 0.00	36.90 -0.99 0.00	47.98 -1.48 0.00	56.82 -2.55 0.00	53.07 -4.24 0.00	45.47 -3.79 0.00	41.59 -3.57 0.00	40.20 -3.12 0.00	38.34 -3.11 0.00	37.88 -2.85 0.00	35.66 -2.56 0.02	37.48 -2.35 0.00	41.54 -2.42 0.00	56.47 -3.35 0.00	63.89 -1.97 0.00	58.72 -0.65 0.00	45.48 -0.37 0.00	41.55 -0.50 0.00	38.00 -0.15 0.00	34.73 0.48 0.00
ELBRIDGE_115KV_TB2 80188	40.78 -0.45 0.00	37.52 -0.46 0.00	34.34 -0.42 0.00	34.34 -0.42 0.00	34.72 -0.42 0.00	37.43 -0.45 0.00	48.86 -0.59 0.00	58.54 -0.83 0.00	56.39 -0.92 0.00	48.52 -0.74 0.00	44.44 -0.72 0.00	42.63 -0.69 0.00	40.75 -0.70 0.00	40.04 -0.69 0.00	37.60 -0.65 0.00	39.23 -0.60 0.00	43.43 -0.53 0.00	58.92 -0.90 0.00	65.20 -0.66 0.00	58.95 -0.42 0.00	45.43 -0.41 0.00	41.59 -0.46 0.00	37.77 -0.38 0.00	33.98 -0.27 0.00
ELEC_TRO_TEK 24086	42.85 1.61 0.00	39.42 1.44 0.00	36.08 1.32 0.00	36.05 1.29 0.00	36.51 1.37 0.00	39.36 1.48 0.00	49.80 1.29 0.94	57.95 1.84 3.26	56.63 2.06 2.74	50.40 2.07 0.93	47.37 2.21 0.01	45.66 2.34 0.00	44.10 2.65 0.00	43.30 2.57 0.00	41.37 3.02 -0.11	42.57 2.75 0.00	46.23 2.29 0.01	63.73 3.05 -0.86	69.40 2.50 -1.04	60.90 1.54 0.01	46.65 1.10 0.30	43.35 1.30 0.01	39.37 1.22 0.01	35.10 0.86 0.01
ELLENBURG_WT_PWR 323604	42.19 0.95 0.00	39.01 1.03 0.00	35.66 0.90 0.00	35.52 0.76 0.00	35.92 0.77 0.00	38.94 1.06 0.00	51.14 1.68 0.00	61.45 2.08 0.00	59.08 1.78 0.00	50.74 1.48 0.00	46.33 1.17 0.00	44.24 0.91 0.00	41.86 0.41 0.00	40.81 0.08 0.00	38.02 -0.23 0.00	39.31 -0.52 0.00	43.30 -0.66 0.00	59.40 -0.42 0.00	65.99 0.13 0.00	59.90 0.53 0.00	46.26 0.41 0.00	42.31 0.25 0.00	38.27 0.11 0.00	34.46 0.21 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.21 -1.03 0.00	36.88 -1.10 0.00	33.89 -0.87 0.00	33.82 -0.94 0.00	34.05 -1.09 0.00	35.99 -1.89 0.00	46.94 -2.52 0.00	54.68 -4.69 0.00	51.69 -5.62 0.00	44.97 -4.29 0.00	41.32 -3.84 0.00	40.21 -3.12 0.00	38.51 -2.94 0.00	38.00 -2.73 0.00	35.90 -2.33 0.02	37.24 -2.59 0.00	41.58 -2.37 0.00	54.85 -4.97 0.00	61.65 -4.22 0.00	56.75 -2.61 0.00	44.06 -1.79 0.00	40.12 -1.93 0.00	37.13 -1.03 0.00	34.49 0.24 0.00
EMPIRE_CC_1 323656	42.11 0.87 0.00	38.78 0.80 0.00	35.49 0.73 0.00	35.52 0.76 0.00	35.95 0.81 0.00	38.79 0.91 0.00	50.60 1.14 0.00	60.74 1.37 0.00	58.85 1.55 0.00	50.59 1.33 0.00	46.51 1.35 0.00	44.58 1.26 0.00	42.82 1.37 0.00	42.12 1.39 0.00	39.66 1.37 -0.04	41.30 1.47 0.00	45.49 1.54 0.00	72.49 2.27 -10.40	80.58 2.17 -12.55	60.73 1.37 0.00	46.94 1.10 0.00	43.02 0.97 0.00	39.07 0.91 0.00	34.97 0.72 0.00
EMPIRE_CC_2 323658	42.11 0.87 0.00	38.78 0.80 0.00	35.49 0.73 0.00	35.52 0.76 0.00	35.95 0.81 0.00	38.79 0.91 0.00	50.60 1.14 0.00	60.74 1.37 0.00	58.85 1.55 0.00	50.59 1.33 0.00	46.51 1.35 0.00	44.58 1.26 0.00	42.82 1.37 0.00	42.12 1.39 0.00	39.66 1.37 -0.04	41.30 1.47 0.00	45.49 1.54 0.00	72.49 2.27 -10.40	80.58 2.17 -12.55	60.73 1.37 0.00	46.94 1.10 0.00	43.02 0.97 0.00	39.07 0.91 0.00	34.97 0.72 0.00
ENORWICH_115KV_TB1 80156	43.05 1.81 0.00	39.46 1.48 0.00	36.22 1.46 0.00	36.15 1.39 0.00	36.62 1.48 0.00	39.63 1.74 0.00	52.13 2.67 0.00	62.52 3.15 0.00	59.77 2.46 0.00	50.59 1.33 0.00	45.70 0.54 0.00	43.71 0.39 0.00	41.62 0.17 0.00	40.81 0.08 0.00	38.10 -0.11 0.03	40.10 0.28 0.00	44.79 0.84 0.00	61.37 1.56 0.00	68.83 2.96 0.00	63.11 3.74 0.00	48.46 2.61 0.00	44.12 2.06 0.00	39.95 1.79 0.00	36.00 1.75 0.00
ERIE_ST__34_KV_TB1-2 80199	40.21 -1.03 0.00	36.84 -1.14 0.00	33.86 -0.90 0.00	33.82 -0.94 0.00	34.02 -1.12 0.00	35.99 -1.89 0.00	47.13 -2.32 0.00	54.92 -4.45 0.00	51.86 -5.44 0.00	45.07 -4.19 0.00	41.41 -3.75 0.00	40.25 -3.08 0.00	38.55 -2.90 0.00	38.09 -2.65 0.00	35.93 -2.29 0.02	37.32 -2.51 0.00	41.67 -2.29 0.00	55.09 -4.73 0.00	61.91 -3.95 0.00	57.05 -2.32 0.00	44.24 -1.60 0.00	40.21 -1.85 0.00	37.05 -1.11 0.00	34.42 0.17 0.00
ERIE_WT_PWR 323693	40.13 -1.11 0.00	36.76 -1.22 0.00	33.65 -1.11 0.00	33.75 -1.01 0.00	33.91 -1.23 0.00	35.91 -1.97 0.00	46.49 -2.97 0.00	54.56 -4.81 0.00	51.86 -5.45 0.00	44.83 -4.43 0.00	41.23 -3.93 0.00	40.12 -3.21 0.00	38.30 -3.15 0.00	37.96 -2.77 0.00	35.82 -2.41 0.02	37.12 -2.71 0.00	40.92 -3.03 0.00	54.67 -5.14 0.00	61.25 -4.61 0.00	56.70 -2.67 0.00	44.01 -1.84 0.00	40.29 -1.76 0.00	37.24 -0.92 0.00	34.53 0.27 0.00
ESPRGFLD_115KV_TB1 80157	42.23 0.99 0.00	38.85 0.87 0.00	35.56 0.80 0.00	35.52 0.76 0.00	35.99 0.84 0.00	38.91 1.02 0.00	51.09 1.63 0.00	61.27 1.90 0.00	58.74 1.43 0.00	49.70 0.44 0.00	45.11 -0.05 0.00	43.11 -0.22 0.00	41.20 -0.25 0.00	40.41 -0.33 0.00	37.90 -0.34 0.00	39.67 -0.16 0.00	44.04 0.09 0.00	62.83 0.84 -2.18	70.07 1.58 -2.62	61.03 1.66 0.00	46.99 1.15 0.00	43.07 1.01 0.00	38.96 0.80 0.00	34.87 0.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.69 0.45 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.11 0.35 0.00	35.50 0.35 0.00	38.26 0.38 0.00	50.05 0.59 0.00	59.96 0.59 0.00	57.48 0.17 0.00	49.31 0.05 0.00	45.02 -0.14 0.00	43.19 -0.13 0.00	41.28 -0.17 0.00	40.57 -0.16 0.00	38.07 -0.15 0.02	39.83 0.00 0.00	44.22 0.26 0.00	60.12 0.30 0.00	66.78 0.92 0.00	60.55 1.19 0.00	46.62 0.78 0.00	42.60 0.55 0.00	38.69 0.53 0.00	34.84 0.58 0.00
ETNA____115KV_TB2 80207	41.69 0.45 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.11 0.35 0.00	35.50 0.35 0.00	38.26 0.38 0.00	50.05 0.59 0.00	59.96 0.59 0.00	57.48 0.17 0.00	49.31 0.05 0.00	45.02 -0.14 0.00	43.19 -0.13 0.00	41.28 -0.17 0.00	40.57 -0.16 0.00	38.07 -0.15 0.02	39.83 0.00 0.00	44.22 0.26 0.00	60.12 0.30 0.00	66.78 0.92 0.00	60.55 1.19 0.00	46.62 0.78 0.00	42.60 0.55 0.00	38.69 0.53 0.00	34.84 0.58 0.00
EUCLID____115KV_TB2 356179	40.54 -0.70 0.00	37.33 -0.65 0.00	34.13 -0.63 0.00	34.17 -0.59 0.00	34.55 -0.60 0.00	37.24 -0.64 0.00	48.62 -0.84 0.00	58.30 -1.07 0.00	56.22 -1.09 0.00	48.32 -0.94 0.00	44.30 -0.86 0.00	42.50 -0.82 0.00	40.62 -0.83 0.00	39.96 -0.77 0.00	37.48 -0.76 0.00	39.07 -0.76 0.00	43.25 -0.70 0.00	58.68 -1.14 0.00	64.87 -0.99 0.00	58.60 -0.77 0.00	45.16 -0.69 0.00	41.38 -0.67 0.00	37.58 -0.57 0.00	33.77 -0.48 0.00
E_CANADA_CAP_HY 24051	42.31 1.07 0.00	38.93 0.95 0.00	35.63 0.87 0.00	35.59 0.83 0.00	36.06 0.91 0.00	39.06 1.18 0.00	51.39 1.93 0.00	61.50 2.13 0.00	58.79 1.49 0.00	49.21 -0.05 0.00	44.57 -0.59 0.00	42.41 -0.91 0.00	40.46 -1.00 0.00	39.63 -1.10 0.00	37.22 -1.03 0.00	38.99 -0.84 0.00	43.52 -0.44 0.00	63.25 0.60 -2.83	71.05 1.78 -3.41	60.97 1.60 0.00	47.03 1.19 0.00	43.15 1.09 0.00	38.99 0.84 0.00	34.77 0.51 0.00
E_CANADA_MHWK_HY 24050	42.85 1.61 0.00	39.42 1.44 0.00	36.08 1.32 0.00	36.05 1.29 0.00	36.48 1.34 0.00	39.40 1.52 0.00	51.54 2.08 0.00	61.92 2.55 0.00	59.82 2.52 0.00	51.28 2.02 0.00	46.97 1.81 0.00	45.01 1.69 0.00	42.98 1.53 0.00	42.16 1.42 0.00	39.51 1.26 0.00	41.18 1.35 0.00	45.45 1.50 0.00	61.85 2.04 0.00	68.30 2.44 0.00	61.68 2.31 0.00	47.68 1.84 0.00	43.86 1.81 0.00	39.80 1.64 0.00	35.76 1.51 0.00
E_FISHKILL__LBMP 23776	42.85 1.61 0.00	39.50 1.52 0.00	36.08 1.32 0.00	36.15 1.39 0.00	36.59 1.44 0.00	39.44 1.55 0.00	51.19 1.73 0.00	61.63 2.26 0.00	59.71 2.41 0.00	51.58 2.32 0.00	47.42 2.26 0.00	45.58 2.25 0.00	43.90 2.45 0.00	43.22 2.48 0.00	40.81 2.49 -0.08	42.37 2.55 0.00	46.33 2.37 0.00	63.96 3.23 -0.91	69.79 2.83 -1.10	61.33 1.96 0.00	47.36 1.51 0.00	43.65 1.60 0.00	39.68 1.53 0.00	35.42 1.16 0.00
FALCON____SEABRD_CC1 323796	42.89 1.65 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.11 1.35 0.00	36.59 1.44 0.00	39.74 1.86 0.00	52.23 2.77 0.00	62.69 3.32 0.00	60.17 2.86 0.00	51.72 2.46 0.00	47.14 1.98 0.00	44.97 1.65 0.00	42.40 0.95 0.00	41.26 0.53 0.00	38.32 0.08 0.00	39.51 -0.32 0.00	43.52 -0.44 0.00	59.82 0.00 0.00	66.78 0.92 0.00	60.85 1.48 0.00	46.99 1.15 0.00	42.85 0.80 0.00	38.73 0.57 0.00	34.94 0.68 0.00
FALCON____SEABRD_CC2 323797	42.89 1.65 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.11 1.35 0.00	36.59 1.44 0.00	39.74 1.86 0.00	52.23 2.77 0.00	62.69 3.32 0.00	60.17 2.86 0.00	51.72 2.46 0.00	47.14 1.98 0.00	44.97 1.65 0.00	42.40 0.95 0.00	41.26 0.53 0.00	38.32 0.08 0.00	39.51 -0.32 0.00	43.52 -0.44 0.00	59.82 0.00 0.00	66.78 0.92 0.00	60.85 1.48 0.00	46.99 1.15 0.00	42.85 0.80 0.00	38.73 0.57 0.00	34.94 0.68 0.00

FAR ROCKAWAY___4 23548	43.38 2.14 0.00	39.92 1.94 0.00	36.53 1.77 0.00	36.50 1.74 0.00	36.97 1.83 0.00	39.85 1.97 0.00	50.93 1.88 0.40	60.54 2.55 1.39	58.89 2.75 1.16	51.57 2.71 0.40	48.13 2.98 0.01	46.40 3.08 0.00	44.77 3.32 0.00	43.95 3.22 0.00	41.95 3.60 -0.11	43.13 3.31 0.00	46.89 2.94 0.01	64.63 3.95 -0.86	70.26 3.36 -1.04	61.73 2.37 0.01	47.46 1.74 0.13	43.90 1.85 0.01	39.79 1.64 0.01	35.45 1.20 0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.42 2.19 0.00	40.03 2.05 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.04 1.90 0.00	39.89 2.01 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.46 3.15 0.00	52.31 3.05 0.00	48.05 2.89 0.00	46.27 2.95 0.00	44.64 3.19 0.00	43.95 3.22 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.64 3.95 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.42 2.19 0.00	40.03 2.05 0.00	36.57 1.81 0.00	36.57 1.81 0.00	37.04 1.90 0.00	39.93 2.05 0.00	51.68 2.23 0.00	62.28 2.91 0.00	60.46 3.15 0.00	52.31 3.05 0.00	48.05 2.89 0.00	46.27 2.95 0.00	44.64 3.19 0.00	43.95 3.22 0.00	41.60 3.25 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.70 4.01 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.77 1.93 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.40 3.09 0.00	52.26 3.00 0.00	48.05 2.89 0.00	46.23 2.90 0.00	44.64 3.19 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	46.94 2.99 0.00	64.64 3.95 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.12 2.06 0.00	40.14 1.98 0.00	35.76 1.51 0.00
FARRAGUT___LBMP 323566	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.60 3.15 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.05 3.23 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.76 1.51 0.00
FENNER___WINDPWR 24204	41.77 0.53 0.00	38.44 0.46 0.00	35.21 0.45 0.00	35.18 0.42 0.00	35.57 0.42 0.00	38.41 0.53 0.00	50.25 0.79 0.00	60.32 0.95 0.00	58.11 0.80 0.00	49.70 0.44 0.00	45.39 0.23 0.00	43.54 0.22 0.00	41.58 0.12 0.00	40.86 0.12 0.00	38.32 0.08 0.00	40.03 0.20 0.00	44.26 0.31 0.00	60.30 0.48 0.00	66.72 0.85 0.00	60.49 1.13 0.00	46.57 0.73 0.00	42.69 0.63 0.00	38.69 0.53 0.00	34.73 0.48 0.00
FIBERTEK___ENERGY 23856	40.95 -0.29 0.00	37.71 -0.27 0.00	34.48 -0.28 0.00	34.48 -0.28 0.00	34.86 -0.28 0.00	37.62 -0.27 0.00	49.11 -0.35 0.00	58.89 -0.47 0.00	56.79 -0.52 0.00	48.82 -0.44 0.00	44.71 -0.45 0.00	42.89 -0.43 0.00	40.99 -0.46 0.00	40.28 -0.45 0.00	37.79 -0.46 0.00	39.39 -0.44 0.00	43.65 -0.31 0.00	59.22 -0.60 0.00	65.53 -0.33 0.00	59.31 -0.06 0.00	45.66 -0.18 0.00	41.80 -0.25 0.00	37.96 -0.19 0.00	34.12 -0.14 0.00
FITZPATRICK___ 23598	40.04 -1.20 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.92 -1.53 0.00	57.47 -1.90 0.00	55.47 -1.84 0.00	47.68 -1.58 0.00	43.67 -1.49 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.43 -1.31 0.00	37.02 -1.23 0.00	38.55 -1.28 0.00	42.64 -1.32 0.00	57.85 -1.97 0.00	63.89 -1.97 0.00	57.70 -1.66 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.38 2.14 0.00	39.95 1.97 0.00	36.50 1.74 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.89 2.01 0.00	51.88 2.42 0.00	62.52 3.15 0.00	60.57 3.27 0.00	52.22 2.96 0.00	47.87 2.71 0.00	46.01 2.69 0.00	44.31 2.86 0.00	43.54 2.81 0.00	41.10 2.75 -0.10	42.65 2.83 0.00	46.72 2.77 0.00	64.38 3.89 -0.67	70.36 3.69 -0.81	62.10 2.73 0.00	47.86 2.02 0.00	44.12 2.06 0.00	39.99 1.83 0.00	35.66 1.40 0.00
FORT ORANGE___ 23900	41.61 0.37 0.00	38.32 0.34 0.00	35.07 0.31 0.00	35.14 0.38 0.00	35.50 0.35 0.00	38.34 0.46 0.00	49.66 0.20 0.00	59.49 0.12 0.00	57.71 0.40 0.00	49.51 0.25 0.00	45.56 0.41 0.00	43.59 0.26 0.00	41.82 0.37 0.00	41.10 0.37 0.00	38.74 0.46 -0.03	40.34 0.52 0.00	44.48 0.53 0.00	43.62 1.08 17.28	45.94 0.92 20.84	59.55 0.18 0.00	46.07 0.23 0.00	42.27 0.21 0.00	38.65 0.49 0.00	34.63 0.38 0.00
FORT_DRUM_COGEN 23780	42.43 1.20 0.00	39.04 1.06 0.00	35.80 1.04 0.00	35.52 0.76 0.00	35.95 0.81 0.00	39.06 1.17 0.00	51.34 1.88 0.00	61.80 2.43 0.00	59.25 1.95 0.00	50.10 0.84 0.00	45.48 0.32 0.00	43.54 0.22 0.00	41.45 0.00 0.00	40.65 -0.08 0.00	37.90 -0.34 0.00	39.67 -0.16 0.00	43.87 -0.09 0.00	60.30 0.48 0.00	67.25 1.38 0.00	61.62 2.26 0.00	47.36 1.51 0.00	43.32 1.26 0.00	39.11 0.95 0.00	35.04 0.79 0.00
FOX_HILLS___ESR 323835	43.55 2.31 0.00	40.34 2.35 -0.01	36.85 2.09 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.16 2.27 0.00	51.24 1.78 0.00	61.68 2.32 0.00	59.88 2.58 0.00	51.87 2.61 0.00	47.69 2.53 0.00	45.97 2.64 0.00	44.39 2.94 0.00	43.79 3.05 0.00	41.53 3.17 -0.11	43.05 3.23 0.00	46.68 2.73 0.00	64.04 3.35 -0.87	69.68 2.77 -1.05	61.15 1.78 0.00	47.22 1.38 0.00	44.33 2.27 0.00	40.57 2.40 -0.01	36.18 1.92 -0.01
FPL_FAR_ROCK_GT1 24212	43.30 2.06 0.00	39.95 1.97 0.00	36.43 1.67 0.00	36.50 1.74 0.00	37.01 1.86 0.00	39.85 1.97 0.00	50.93 1.88 0.40	60.48 2.49 1.39	58.84 2.69 1.16	51.52 2.66 0.40	48.05 2.89 0.01	46.31 2.99 0.00	44.72 3.27 0.00	43.91 3.18 0.00	41.91 3.56 -0.11	43.17 3.35 0.00	46.94 2.99 0.01	64.51 3.83 -0.86	70.19 3.29 -1.04	61.67 2.31 0.01	47.41 1.70 0.13	43.86 1.81 0.01	39.79 1.64 0.01	35.48 1.23 0.01
FPL_FAR_ROCK_GT2 23815	43.30 2.06 0.00	39.95 1.97 0.00	36.43 1.67 0.00	36.50 1.74 0.00	37.01 1.86 0.00	39.85 1.97 0.00	50.93 1.88 0.40	60.48 2.49 1.39	58.84 2.69 1.16	51.52 2.66 0.40	48.05 2.89 0.01	46.31 2.99 0.00	44.72 3.27 0.00	43.91 3.18 0.00	41.91 3.56 -0.11	43.17 3.35 0.00	46.94 2.99 0.01	64.51 3.83 -0.86	70.19 3.29 -1.04	61.67 2.31 0.01	47.41 1.70 0.13	43.86 1.81 0.01	39.79 1.64 0.01	35.48 1.23 0.01
FRANKLIN_FALL_HYD 24054	42.64 1.40 0.00	39.46 1.48 0.00	36.12 1.36 0.00	35.80 1.04 0.00	36.23 1.09 0.00	39.40 1.52 0.00	51.34 1.88 0.00	61.39 2.02 0.00	58.97 1.66 0.00	50.54 1.28 0.00	46.11 0.95 0.00	44.36 1.04 0.00	41.95 0.50 0.00	40.94 0.20 0.00	38.13 -0.11 0.00	39.43 -0.40 0.00	43.38 -0.57 0.00	59.28 -0.54 0.00	66.45 0.59 0.00	60.61 1.25 0.00	46.90 1.05 0.00	42.98 0.93 0.00	38.80 0.65 0.00	34.90 0.65 0.00



FREEPORT_EQUS_GT1 23764	42.97 1.73 0.00	39.57 1.59 0.00	36.11 1.35 0.00	36.15 1.39 0.00	36.69 1.54 0.00	39.51 1.63 0.00	48.72 1.44 2.17	53.80 1.96 7.52	53.11 2.12 6.32	49.23 2.12 2.15	47.46 2.30 0.01	45.79 2.47 0.00	44.27 2.82 0.00	43.42 2.69 0.00	41.53 3.17 -0.11	42.77 2.95 0.00	46.50 2.55 0.01	63.91 3.23 -0.86	69.54 2.64 -1.04	61.02 1.66 0.01	46.36 1.19 0.67	43.43 1.39 0.01	39.48 1.33 0.01	35.24 0.99 0.01
FREEPORT___CT2 23818	42.97 1.73 0.00	39.57 1.59 0.00	36.11 1.35 0.00	36.15 1.39 0.00	36.69 1.54 0.00	39.51 1.63 0.00	48.72 1.44 2.17	53.80 1.96 7.52	53.11 2.12 6.32	49.23 2.12 2.15	47.46 2.30 0.01	45.79 2.47 0.00	44.27 2.82 0.00	43.42 2.69 0.00	41.53 3.17 -0.11	42.77 2.95 0.00	46.50 2.55 0.01	63.91 3.23 -0.86	69.54 2.64 -1.04	61.02 1.66 0.01	46.36 1.19 0.67	43.43 1.39 0.01	39.48 1.33 0.01	35.24 0.99 0.01
FRESHKLS_33_KV_LOAD 356253	43.59 2.35 0.00	40.42 2.43 -0.01	36.96 2.19 -0.01	36.96 2.19 -0.01	37.40 2.25 -0.01	40.23 2.35 0.00	51.19 1.73 0.00	61.57 2.20 0.00	59.70 2.41 0.01	51.71 2.46 0.01	47.54 2.39 0.01	45.83 2.51 0.01	44.26 2.82 0.01	43.71 2.97 0.00	41.45 3.10 -0.11	43.05 3.23 0.00	46.54 2.59 0.01	63.91 3.23 -0.86	69.60 2.70 -1.04	61.02 1.66 0.01	47.12 1.28 0.01	44.41 2.36 0.00	40.72 2.56 -0.01	36.32 2.06 -0.01
FULTON COGEN____ 23766	40.54 -0.70 0.00	37.30 -0.68 0.00	34.13 -0.63 0.00	34.13 -0.63 0.00	34.51 -0.63 0.00	37.20 -0.68 0.00	48.62 -0.84 0.00	58.30 -1.07 0.00	56.27 -1.03 0.00	48.37 -0.89 0.00	44.30 -0.86 0.00	42.50 -0.82 0.00	40.62 -0.83 0.00	39.92 -0.81 0.00	37.44 -0.80 0.00	39.03 -0.80 0.00	43.25 -0.70 0.00	58.68 -1.14 0.00	64.87 -0.99 0.00	58.65 -0.71 0.00	45.20 -0.64 0.00	41.38 -0.67 0.00	37.55 -0.61 0.00	33.74 -0.51 0.00
FULTON___LFGE 323630	42.89 1.65 0.00	39.46 1.48 0.00	36.11 1.35 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.59 1.71 0.00	52.08 2.62 0.00	62.34 2.97 0.00	59.60 2.29 0.00	49.85 0.59 0.00	45.11 -0.05 0.00	42.81 -0.52 0.00	40.75 -0.70 0.00	39.96 -0.78 0.00	37.56 -0.69 0.00	39.43 -0.40 0.00	44.13 0.18 0.00	64.56 1.62 -3.13	72.46 2.83 -3.77	61.80 2.43 0.00	47.72 1.88 0.00	43.69 1.64 0.00	39.49 1.33 0.00	35.25 0.99 0.00
G.F.CEMENT___DRP 24184	42.68 1.44 0.00	39.27 1.29 0.00	35.91 1.15 0.00	35.98 1.22 0.00	36.37 1.23 0.00	39.40 1.52 0.00	51.73 2.28 0.00	62.10 2.73 0.00	60.00 2.69 0.00	51.03 1.77 0.00	46.74 1.58 0.00	44.45 1.13 0.00	42.36 0.91 0.00	41.59 0.86 0.00	39.08 0.80 -0.03	40.78 0.96 0.00	45.19 1.23 0.00	68.01 2.33 -5.85	75.75 2.83 -7.06	61.62 2.26 0.00	47.54 1.70 0.00	43.44 1.39 0.00	39.30 1.14 0.00	35.04 0.79 0.00
GARDENVILLE___LBMP 24039	40.25 -0.99 0.00	36.92 -1.06 0.00	33.93 -0.83 0.00	33.86 -0.90 0.00	34.09 -1.05 0.00	35.99 -1.89 0.00	46.99 -2.47 0.00	54.80 -4.57 0.00	51.69 -5.62 0.00	44.92 -4.33 0.00	41.23 -3.93 0.00	40.08 -3.25 0.00	38.38 -3.07 0.00	37.92 -2.81 0.00	35.78 -2.45 0.02	37.16 -2.67 0.00	41.49 -2.46 0.00	54.91 -4.91 0.00	61.78 -4.08 0.00	56.93 -2.43 0.00	44.15 -1.70 0.00	40.21 -1.85 0.00	37.13 -1.03 0.00	34.49 0.24 0.00
GARDNVLA_35_KV_LD 355827	40.46 -0.78 0.00	37.07 -0.91 0.00	34.06 -0.70 0.00	34.03 -0.73 0.00	34.23 -0.91 0.00	36.22 -1.67 0.00	47.33 -2.13 0.00	55.21 -4.16 0.00	52.21 -5.10 0.00	45.37 -3.89 0.00	41.68 -3.48 0.00	40.51 -2.82 0.00	38.80 -2.65 0.00	38.29 -2.44 0.00	36.16 -2.07 0.02	37.52 -2.31 0.00	41.89 -2.07 0.00	55.33 -4.49 0.00	62.17 -3.69 0.00	57.35 -2.02 0.00	44.47 -1.38 0.00	40.46 -1.60 0.00	37.39 -0.76 0.00	34.70 0.45 0.00
GELCKHM___115KV_LOAD 80723	40.70 -0.54 0.00	37.45 -0.53 0.00	34.27 -0.49 0.00	34.27 -0.49 0.00	34.65 -0.49 0.00	37.39 -0.49 0.00	48.82 -0.64 0.00	58.54 -0.83 0.00	56.45 -0.86 0.00	48.52 -0.74 0.00	44.48 -0.68 0.00	42.67 -0.65 0.00	40.79 -0.66 0.00	40.08 -0.65 0.00	37.60 -0.65 0.00	39.19 -0.64 0.00	43.43 -0.53 0.00	58.92 -0.90 0.00	65.14 -0.72 0.00	58.83 -0.53 0.00	45.34 -0.50 0.00	41.55 -0.50 0.00	37.74 -0.42 0.00	33.91 -0.34 0.00
GENERAL___MILLS 23808	40.33 -0.91 0.00	36.99 -0.99 0.00	34.00 -0.76 0.00	33.93 -0.83 0.00	34.13 -1.02 0.00	36.07 -1.82 0.00	47.13 -2.32 0.00	54.98 -4.39 0.00	51.98 -5.33 0.00	45.17 -4.09 0.00	41.50 -3.66 0.00	40.34 -2.99 0.00	38.63 -2.82 0.00	38.13 -2.61 0.00	36.01 -2.22 0.02	37.36 -2.47 0.00	41.71 -2.24 0.00	55.09 -4.73 0.00	61.91 -3.95 0.00	57.05 -2.32 0.00	44.28 -1.56 0.00	40.29 -1.77 0.00	37.24 -0.92 0.00	34.60 0.34 0.00
GE_PLASTICS___DRP 24183	41.24 0.00 0.00	37.98 0.00 0.00	34.76 0.00 0.00	34.83 0.07 0.00	35.18 0.04 0.00	37.96 0.08 0.00	49.46 0.00 0.00	59.43 0.06 0.00	57.59 0.29 0.00	49.51 0.25 0.00	45.93 0.77 0.00	43.93 0.61 0.00	42.15 0.70 0.00	41.47 0.73 0.00	39.04 0.76 -0.03	40.66 0.84 0.00	44.75 0.79 0.00	50.49 1.32 10.65	54.14 1.12 12.84	59.90 0.53 0.00	46.30 0.46 0.00	42.48 0.42 0.00	38.61 0.46 0.00	34.60 0.34 0.00
GILBOA___1 23756	42.02 0.78 0.00	38.70 0.72 0.00	35.52 0.76 0.00	35.59 0.83 0.00	35.99 0.84 0.00	38.64 0.76 0.00	50.30 0.84 0.00	60.44 1.07 0.00	58.45 1.15 0.00	50.30 1.04 0.00	46.20 1.04 0.00	44.36 1.04 0.00	42.61 1.16 0.00	41.87 1.14 0.00	39.43 1.19 0.00	41.06 1.24 0.00	45.18 1.23 0.00	61.44 1.62 0.00	66.98 1.12 0.00	60.02 0.65 0.00	46.53 0.69 0.00	42.85 0.80 0.00	38.92 0.76 0.00	34.87 0.62 0.00
GILBOA___2 23757	42.02 0.78 0.00	38.70 0.72 0.00	35.52 0.76 0.00	35.59 0.83 0.00	35.99 0.84 0.00	38.64 0.76 0.00	50.30 0.84 0.00	60.44 1.07 0.00	58.45 1.15 0.00	50.30 1.04 0.00	46.20 1.04 0.00	44.36 1.04 0.00	42.61 1.16 0.00	41.87 1.14 0.00	39.43 1.19 0.00	41.06 1.24 0.00	45.18 1.23 0.00	61.44 1.62 0.00	66.98 1.12 0.00	60.02 0.65 0.00	46.53 0.69 0.00	42.85 0.80 0.00	38.92 0.76 0.00	34.87 0.62 0.00
GILBOA___3 23758	42.02 0.78 0.00	38.70 0.72 0.00	35.52 0.76 0.00	35.59 0.83 0.00	35.99 0.84 0.00	38.64 0.76 0.00	50.30 0.84 0.00	60.44 1.07 0.00	58.45 1.15 0.00	50.30 1.04 0.00	46.20 1.04 0.00	44.36 1.04 0.00	42.61 1.16 0.00	41.87 1.14 0.00	39.43 1.19 0.00	41.06 1.24 0.00	45.18 1.23 0.00	61.44 1.62 0.00	66.98 1.12 0.00	60.02 0.65 0.00	46.53 0.69 0.00	42.85 0.80 0.00	38.92 0.76 0.00	34.87 0.62 0.00
GILBOA___4 23759	42.02 0.78 0.00	38.70 0.72 0.00	35.52 0.76 0.00	35.59 0.83 0.00	35.99 0.84 0.00	38.64 0.76 0.00	50.30 0.84 0.00	60.44 1.07 0.00	58.45 1.15 0.00	50.30 1.04 0.00	46.20 1.04 0.00	44.36 1.04 0.00	42.61 1.16 0.00	41.87 1.14 0.00	39.43 1.19 0.00	41.06 1.24 0.00	45.18 1.23 0.00	61.44 1.62 0.00	66.98 1.12 0.00	60.02 0.65 0.00	46.53 0.69 0.00	42.85 0.80 0.00	38.92 0.76 0.00	34.87 0.62 0.00

GILBOA____ 23599	42.02 0.78 0.00	38.70 0.72 0.00	35.39 0.63 0.00	35.56 0.80 0.00	35.99 0.84 0.00	38.64 0.76 0.00	50.35 0.89 0.00	60.50 1.13 0.00	58.51 1.20 0.00	50.39 1.13 0.00	46.24 1.08 0.00	44.36 1.04 0.00	42.61 1.16 0.00	41.91 1.18 0.00	39.47 1.22 0.00	41.10 1.27 0.00	45.19 1.23 0.00	61.55 1.73 0.00	67.05 1.19 0.00	60.14 0.77 0.00	46.58 0.73 0.00	42.86 0.80 0.00	38.92 0.76 0.00	34.87 0.62 0.00
GINNA____ 23603	38.93 -2.31 0.00	35.70 -2.28 0.00	32.64 -2.12 0.00	32.68 -2.08 0.00	32.93 -2.21 0.00	35.35 -2.54 0.00	46.09 -3.36 0.00	54.85 -4.51 0.00	52.78 -4.53 0.00	45.37 -3.89 0.00	41.59 -3.57 0.00	40.12 -3.21 0.00	38.22 -3.23 0.00	37.76 -2.97 0.00	35.46 -2.79 0.00	36.84 -2.99 0.00	40.61 -3.34 0.00	54.86 -4.96 0.00	61.32 -4.54 0.00	56.22 -3.15 0.00	43.28 -2.57 0.00	39.74 -2.31 0.00	36.29 -1.87 0.00	32.92 -1.34 0.00
GLEN PARK____ 23778	42.60 1.36 0.00	39.16 1.18 0.00	35.91 1.15 0.00	35.66 0.90 0.00	36.09 0.95 0.00	39.21 1.33 0.00	51.58 2.13 0.00	62.10 2.73 0.00	59.54 2.23 0.00	50.24 0.98 0.00	45.56 0.41 0.00	43.59 0.26 0.00	41.53 0.08 0.00	40.73 0.00 0.00	37.98 -0.27 0.00	39.75 -0.08 0.00	44.00 0.04 0.00	60.48 0.66 0.00	67.51 1.65 0.00	62.04 2.67 0.00	47.68 1.84 0.00	43.65 1.60 0.00	39.30 1.14 0.00	35.21 0.96 0.00
GLENDALE_27_KV_LOAD 356172	43.71 2.47 0.00	40.34 2.35 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.19 2.31 0.00	51.68 2.23 0.00	62.34 2.97 0.00	60.52 3.21 0.00	52.41 3.15 0.00	48.19 3.03 0.00	46.49 3.16 0.00	44.89 3.44 0.00	44.20 3.46 0.00	41.87 3.52 -0.11	43.37 3.54 0.00	47.16 3.21 0.00	64.70 4.01 -0.87	70.47 3.56 -1.05	61.86 2.49 0.00	47.81 1.97 0.00	44.41 2.36 0.00	40.45 2.29 -0.01	36.08 1.82 -0.01
GLENWOOD_IC_1_G5 23712	43.18 1.94 0.00	39.77 1.79 0.00	36.36 1.60 0.00	36.36 1.60 0.00	36.83 1.69 0.00	39.70 1.82 0.00	49.95 1.83 1.33	56.77 2.02 4.61	55.72 2.29 3.87	50.21 2.27 1.32	47.59 2.44 0.00	46.14 2.82 0.00	44.52 3.07 0.00	43.75 3.01 0.00	41.60 3.25 -0.11	42.93 3.11 0.00	46.41 2.46 0.00	63.97 3.29 -0.86	69.60 2.70 -1.04	61.14 1.78 0.01	46.71 1.28 0.41	43.82 1.77 0.01	39.79 1.64 0.00	35.45 1.20 0.00
GLENWOOD_IC_2_G1 23688	43.10 1.86 0.00	39.73 1.75 0.00	36.25 1.49 0.00	36.33 1.57 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.32 1.83 -0.03	61.84 2.38 -0.09	59.90 2.52 -0.07	51.75 2.46 -0.03	47.60 2.44 0.00	45.92 2.60 0.00	44.31 2.86 0.00	43.54 2.81 0.00	41.37 3.02 -0.11	42.77 2.95 0.00	46.68 2.73 0.00	64.10 3.41 -0.87	69.88 2.97 -1.05	61.32 1.96 0.00	47.36 1.51 -0.01	43.78 1.72 0.00	39.76 1.60 0.00	35.48 1.23 0.00
GLENWOOD_IC_3_G1 23689	43.10 1.86 0.00	39.73 1.75 0.00	36.25 1.49 0.00	36.33 1.57 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.32 1.83 -0.03	61.84 2.38 -0.09	59.90 2.52 -0.07	51.75 2.46 -0.03	47.60 2.44 0.00	45.92 2.60 0.00	44.31 2.86 0.00	43.54 2.81 0.00	41.37 3.02 -0.11	42.77 2.95 0.00	46.68 2.73 0.00	64.10 3.41 -0.87	69.88 2.97 -1.05	61.32 1.96 0.00	47.36 1.51 -0.01	43.78 1.72 0.00	39.76 1.60 0.00	35.48 1.23 0.00
GLENWOOD____4 23550	43.18 1.94 0.00	39.77 1.79 0.00	36.36 1.60 0.00	36.36 1.60 0.00	36.83 1.69 0.00	39.70 1.82 0.00	49.95 1.83 1.33	56.95 2.20 4.61	55.84 2.41 3.87	50.36 2.41 1.32	47.68 2.53 0.00	46.14 2.82 0.00	44.52 3.07 0.00	43.75 3.01 0.00	41.60 3.25 -0.11	42.93 3.11 0.00	46.50 2.55 0.00	64.09 3.41 -0.86	69.80 2.90 -1.04	61.26 1.90 0.01	46.85 1.42 0.41	43.82 1.77 0.01	39.79 1.64 0.00	35.45 1.20 0.00
GLENWOOD____5 23614	43.18 1.94 0.00	39.77 1.79 0.00	36.36 1.60 0.00	36.36 1.60 0.00	36.83 1.69 0.00	39.70 1.82 0.00	49.95 1.83 1.33	56.95 2.20 4.61	55.84 2.41 3.87	50.36 2.41 1.32	47.68 2.53 0.00	46.14 2.82 0.00	44.52 3.07 0.00	43.75 3.01 0.00	41.60 3.25 -0.11	42.93 3.11 0.00	46.50 2.55 0.00	64.09 3.41 -0.86	69.80 2.90 -1.04	61.26 1.90 0.01	46.85 1.42 0.41	43.82 1.77 0.01	39.79 1.64 0.00	35.45 1.20 0.00
GLOBAL GREEN_PORT_GT1 23814	26.95 1.11 15.40	26.00 1.06 13.04	25.95 0.83 9.64	14.77 0.87 20.86	26.01 1.05 10.19	26.47 1.14 12.55	25.61 0.00 23.85	31.54 0.42 28.25	42.94 0.80 15.17	45.22 1.08 5.13	46.44 1.40 0.12	44.93 1.60 0.00	43.48 2.03 0.00	42.44 1.75 0.04	40.88 2.52 -0.11	42.09 2.27 0.00	45.48 1.54 0.01	48.85 2.21 13.18	47.84 1.71 19.73	46.74 0.71 13.34	44.55 0.09 1.38	26.49 0.30 15.86	28.31 0.23 10.07	25.96 0.17 8.46
GLOBE____DSASP 323697	39.26 -1.98 0.00	36.01 -1.97 0.00	33.09 -1.67 0.00	33.02 -1.74 0.00	33.25 -1.90 0.00	35.38 -2.50 0.00	45.60 -3.86 0.00	52.96 -6.41 0.00	50.14 -7.16 0.00	43.64 -5.62 0.00	40.15 -5.01 0.00	39.08 -4.25 0.00	37.43 -4.02 0.00	36.99 -3.75 0.00	34.98 -3.25 0.02	36.24 -3.58 0.00	40.53 -3.43 0.00	53.24 -6.58 0.00	59.67 -6.19 0.00	54.97 -4.39 0.00	42.77 -3.07 0.00	39.03 -3.03 0.00	36.25 -1.91 0.00	34.25 0.00 0.00
GOETHSLN____LBMP 323567	43.09 1.86 0.01	39.77 1.79 0.00	36.29 1.53 0.00	36.32 1.56 0.00	36.76 1.62 0.00	39.62 1.74 0.01	51.29 1.83 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.92 2.66 0.00	47.73 2.57 0.00	45.97 2.64 0.00	44.35 2.90 0.00	43.67 2.93 0.00	41.34 2.98 -0.11	42.85 3.03 0.00	46.68 2.73 0.00	64.22 3.53 -0.87	69.94 3.03 -1.05	61.44 2.08 0.00	47.40 1.56 0.00	43.86 1.81 0.00	39.91 1.76 0.00	35.55 1.30 0.00
GOLAH____69_KV_TB 1_2 80279	40.99 -0.25 0.00	37.60 -0.38 0.00	34.45 -0.31 0.00	34.38 -0.38 0.00	34.65 -0.49 0.00	36.97 -0.91 0.00	48.37 -1.09 0.00	56.99 -2.37 0.00	54.44 -2.87 0.00	47.04 -2.22 0.00	43.13 -2.03 0.00	41.64 -1.69 0.00	39.79 -1.66 0.00	39.23 -1.51 0.00	36.91 -1.34 0.00	38.35 -1.47 0.00	42.68 -1.27 0.00	57.01 -2.81 0.00	63.95 -1.91 0.00	58.71 -0.65 0.00	45.20 -0.64 0.00	41.38 -0.67 0.00	37.93 -0.23 0.00	34.73 0.48 0.00
GOODYEAR_LAKE_HYD 323669	42.35 1.11 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.66 0.90 0.00	36.09 0.95 0.00	38.94 1.06 0.00	50.94 1.48 0.00	61.15 1.78 0.00	58.85 1.55 0.00	50.34 1.08 0.00	45.88 0.72 0.00	44.02 0.69 0.00	42.20 0.75 0.00	41.43 0.69 0.00	38.86 0.65 0.03	40.62 0.80 0.00	44.88 0.92 0.00	62.26 1.50 -0.94	68.71 1.71 -1.14	61.03 1.66 0.00	47.08 1.24 0.00	43.19 1.14 0.00	39.15 0.99 0.00	35.08 0.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.32 0.08 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.86 0.10 0.00	35.21 0.07 0.00	37.85 -0.04 0.00	49.41 -0.05 0.00	59.01 -0.36 0.00	56.56 -0.74 0.00	48.77 -0.49 0.00	44.62 -0.54 0.00	42.93 -0.39 0.00	41.12 -0.33 0.00	40.45 -0.29 0.00	38.02 -0.19 0.03	39.67 -0.16 0.00	43.91 -0.04 0.00	59.46 -0.36 0.00	65.80 -0.07 0.00	59.60 0.24 0.00	45.98 0.14 0.00	42.10 0.04 0.00	38.27 0.11 0.00	34.63 0.38 0.00

GOUDEY___7 23579	41.32 0.08 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.86 0.10 0.00	35.21 0.07 0.00	37.85 -0.04 0.00	49.41 -0.05 0.00	59.01 -0.36 0.00	56.56 -0.74 0.00	48.77 -0.49 0.00	44.62 -0.54 0.00	42.93 -0.39 0.00	41.12 -0.33 0.00	40.45 -0.29 0.00	38.02 -0.19 0.03	39.67 -0.16 0.00	43.91 -0.04 0.00	59.46 -0.36 0.00	65.80 -0.07 0.00	59.60 0.24 0.00	45.98 0.14 0.00	42.10 0.04 0.00	38.27 0.11 0.00	34.63 0.38 0.00
GOUDEY___8 23580	41.32 0.08 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.86 0.10 0.00	35.21 0.07 0.00	37.85 -0.04 0.00	49.41 -0.05 0.00	59.01 -0.36 0.00	56.56 -0.74 0.00	48.77 -0.49 0.00	44.62 -0.54 0.00	42.93 -0.39 0.00	41.12 -0.33 0.00	40.45 -0.29 0.00	38.02 -0.19 0.03	39.67 -0.16 0.00	43.91 -0.04 0.00	59.46 -0.36 0.00	65.80 -0.07 0.00	59.60 0.24 0.00	45.98 0.14 0.00	42.10 0.04 0.00	38.27 0.11 0.00	34.63 0.38 0.00
GOWANUS_GT1_1 24077	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT1_2 24078	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT1_3 24079	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT1_4 24080	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT1_5 24084	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT1_6 24111	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT1_7 24112	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT1_8 24113	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT2_1 24114	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT2_2 24115	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT2_3 24116	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT2_4 24117	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT2_5 24118	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01

GOWANUS_GT2_6 24119	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT2_7 24120	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT2_8 24121	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_1 24122	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_2 24123	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_3 24124	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_4 24125	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_5 24126	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_6 24127	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_7 24128	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT3_8 24129	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
GOWANUS_GT4_1 24130	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT4_2 24131	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT4_3 24132	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT4_4 24133	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01

GOWANUS_GT4_5 24134	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT4_6 24135	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT4_7 24136	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GOWANUS_GT4_8 24137	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GREATVR_69_KV_BK1 356245	36.58 2.39 7.05	34.10 2.09 5.97	32.22 1.88 4.42	27.02 1.81 9.55	32.45 1.97 4.67	34.30 2.16 5.75	38.13 1.68 13.01	41.73 2.32 19.95	46.68 2.18 12.80	47.14 2.22 4.34	47.58 2.48 0.06	45.84 2.51 0.00	44.27 2.82 0.00	43.48 2.77 0.02	41.80 3.44 -0.11	42.77 2.95 0.00	46.28 2.33 0.01	57.78 3.59 5.63	60.33 3.03 8.56	55.10 1.90 6.17	45.32 0.73 1.26	36.24 1.51 7.33	35.26 1.72 4.62	31.61 1.23 3.88
GREENBSH_115KV_TB3 55895	41.36 0.12 0.00	38.13 0.15 0.00	34.90 0.14 0.00	34.93 0.17 0.00	35.32 0.18 0.00	38.11 0.23 0.00	49.66 0.20 0.00	59.73 0.36 0.00	57.94 0.63 0.00	49.70 0.44 0.00	45.84 0.68 0.00	43.84 0.52 0.00	42.03 0.58 0.00	41.34 0.61 0.00	38.93 0.65 -0.03	40.54 0.72 0.00	44.61 0.66 0.00	42.67 1.20 18.35	44.72 0.99 22.13	59.72 0.36 0.00	46.16 0.32 0.00	42.35 0.29 0.00	38.46 0.31 0.00	34.49 0.24 0.00
GREENDGE_115KV_TB5 80291	40.99 -0.25 0.00	37.94 -0.04 0.00	34.76 0.00 0.00	34.73 -0.03 0.00	35.07 -0.07 0.00	37.69 -0.19 0.00	49.11 -0.35 0.00	58.36 0.36 0.00	55.59 -1.72 0.00	47.78 -1.48 0.00	43.67 -1.49 0.00	42.03 -1.30 0.00	40.37 -1.08 0.00	39.76 -0.98 0.00	37.35 -0.88 0.02	39.03 -0.80 0.00	43.21 -0.75 0.00	58.38 -1.44 0.00	65.47 -0.40 0.00	59.72 0.36 0.00	45.94 0.09 0.00	41.85 -0.21 0.00	38.35 0.19 0.00	34.80 0.55 0.00
GREENIDGE___3 23582	40.99 -0.25 0.00	37.94 -0.04 0.00	34.76 0.00 0.00	34.73 -0.03 0.00	35.07 -0.07 0.00	37.69 -0.19 0.00	49.11 -0.35 0.00	58.36 0.36 0.00	55.59 -1.72 0.00	47.78 -1.48 0.00	43.67 -1.49 0.00	42.03 -1.30 0.00	40.37 -1.08 0.00	39.76 -0.98 0.00	37.35 -0.88 0.02	39.03 -0.80 0.00	43.21 -0.75 0.00	58.38 -1.44 0.00	65.47 -0.40 0.00	59.72 0.36 0.00	45.94 0.09 0.00	41.85 -0.21 0.00	38.35 0.19 0.00	34.80 0.55 0.00
GREENIDGE___4 23583	40.91 -0.33 0.00	37.87 -0.11 0.00	34.59 -0.17 0.00	34.66 -0.10 0.00	35.00 -0.14 0.00	37.62 -0.26 0.00	48.81 -0.64 0.00	58.18 -1.19 0.00	55.47 -1.84 0.00	47.64 -1.62 0.00	43.54 -1.62 0.00	41.94 -1.39 0.00	39.96 -1.49 0.00	39.67 -1.06 0.00	37.27 -0.95 0.02	38.95 -0.88 0.00	42.90 -1.06 0.00	58.14 -1.67 0.00	65.14 -0.72 0.00	59.49 0.12 0.00	45.80 -0.05 0.00	41.85 -0.21 0.00	38.35 0.19 0.00	34.77 0.51 0.00
GREENLWN_69_KV_BK 3 55738	44.19 0.99 -1.96	40.55 0.91 -1.66	36.79 0.80 -1.23	38.18 0.76 -2.65	37.32 0.88 -1.30	40.43 0.95 -1.60	47.95 0.25 1.76	47.80 0.59 12.16	47.05 0.92 11.17	46.55 1.08 3.80	46.84 1.67 -0.01	45.19 1.86 0.00	43.65 2.20 0.00	42.90 2.16 -0.01	41.30 2.94 -0.11	42.25 2.43 0.00	45.66 1.71 0.01	64.11 1.85 -2.43	70.34 1.12 -3.36	61.14 0.30 -1.48	45.00 0.37 1.21	44.24 0.42 -1.76	40.11 0.69 -1.27	35.63 0.31 -1.07
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01
GRISSOM___SOLAR 323813	42.89 1.65 0.00	39.50 1.52 0.00	36.11 1.35 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.59 1.71 0.00	52.03 2.57 0.00	62.28 2.91 0.00	59.60 2.29 0.00	49.95 0.69 0.00	45.20 0.05 0.00	42.81 -0.52 0.00	40.79 -0.66 0.00	39.96 -0.78 0.00	37.61 -0.65 -0.01	39.51 -0.32 0.00	44.22 0.27 0.00	64.74 1.74 -3.19	72.54 2.83 -3.85	61.80 2.43 0.00	47.72 1.88 0.00	43.69 1.64 0.00	39.53 1.37 0.00	35.28 1.03 0.00
GROVEVILLE___HYD 323602	43.38 2.14 0.00	39.95 1.97 0.00	36.50 1.74 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.89 2.01 0.00	51.88 2.42 0.00	62.52 3.15 0.00	60.57 3.27 0.00	52.22 2.96 0.00	47.87 2.71 0.00	46.01 2.69 0.00	44.31 2.86 0.00	43.54 2.81 0.00	41.10 2.75 -0.10	42.65 2.83 0.00	46.72 2.77 0.00	64.38 3.89 -0.67	70.36 3.69 -0.81	62.10 2.73 0.00	47.86 2.02 0.00	44.12 2.06 0.00	39.99 1.83 0.00	35.66 1.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.95 -0.29 0.00	37.71 -0.27 0.00	34.48 -0.28 0.00	34.48 -0.28 0.00	34.86 -0.28 0.00	37.62 -0.27 0.00	49.11 -0.35 0.00	58.89 -0.47 0.00	56.79 -0.52 0.00	48.82 -0.44 0.00	44.71 -0.45 0.00	42.89 -0.43 0.00	40.99 -0.46 0.00	40.28 -0.45 0.00	37.79 -0.46 0.00	39.39 -0.44 0.00	43.65 -0.31 0.00	59.22 -0.60 0.00	65.53 -0.33 0.00	59.31 -0.06 0.00	45.66 -0.18 0.00	41.80 -0.25 0.00	37.96 -0.19 0.00	34.12 -0.14 0.00
HAMLTNNY_34_KV_TB 80303	41.03 -0.21 0.00	37.75 -0.23 0.00	34.55 -0.21 0.00	34.55 -0.21 0.00	34.90 -0.25 0.00	37.62 -0.27 0.00	49.16 -0.30 0.00	58.89 -0.47 0.00	56.68 -0.63 0.00	48.77 -0.49 0.00	44.66 -0.50 0.00	42.89 -0.43 0.00	40.95 -0.50 0.00	40.24 -0.49 0.00	37.79 -0.46 0.00	39.39 -0.44 0.00	43.69 -0.26 0.00	59.22 -0.60 0.00	65.60 -0.26 0.00	59.43 0.06 0.00	45.75 -0.09 0.00	41.89 -0.17 0.00	38.04 -0.11 0.00	34.25 0.00 0.00

HAMPSHIRE___PAPER_HYD 323593	42.11 0.87 0.00	38.81 0.83 0.00	35.56 0.80 0.00	35.31 0.55 0.00	35.74 0.60 0.00	38.79 0.91 0.00	50.99 1.53 0.00	61.27 1.90 0.00	58.79 1.49 0.00	50.10 0.84 0.00	45.66 0.50 0.00	43.71 0.39 0.00	41.58 0.12 0.00	40.73 0.00 0.00	38.02 -0.23 0.00	39.55 -0.28 0.00	43.52 -0.44 0.00	59.70 -0.12 0.00	66.19 0.33 0.00	60.44 1.07 0.00	46.62 0.78 0.00	42.81 0.76 0.00	38.65 0.49 0.00	34.70 0.44 0.00
HARDSCRABBLE_WT_PWR 323673	42.39 1.15 0.00	39.04 1.06 0.00	35.73 0.97 0.00	35.70 0.94 0.00	36.13 0.98 0.00	39.02 1.14 0.00	51.04 1.58 0.00	61.33 1.96 0.00	59.26 1.95 0.00	50.84 1.58 0.00	46.56 1.40 0.00	44.58 1.26 0.00	42.57 1.12 0.00	41.75 1.02 0.00	39.13 0.88 0.00	40.74 0.92 0.00	45.01 1.05 0.00	61.32 1.50 0.00	67.64 1.78 0.00	61.09 1.72 0.00	47.22 1.37 0.00	43.44 1.39 0.00	39.41 1.26 0.00	35.38 1.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.18 1.94 0.00	39.80 1.82 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.63 2.18 0.00	62.16 2.79 0.00	60.17 2.87 0.00	51.97 2.71 0.00	47.69 2.53 0.00	45.88 2.56 0.00	44.19 2.74 0.00	43.46 2.73 0.00	41.06 2.68 -0.13	42.57 2.75 0.00	46.64 2.68 0.00	64.19 3.65 -0.72	70.15 3.42 -0.87	61.92 2.55 0.00	47.72 1.88 0.00	43.95 1.89 0.00	39.87 1.72 0.00	35.55 1.30 0.00
HARSNRAD_115KV_TB1 81005	40.21 -1.03 0.00	36.84 -1.14 0.00	33.82 -0.94 0.00	33.79 -0.97 0.00	33.98 -1.16 0.00	35.61 -2.27 0.00	46.44 -3.02 0.00	54.03 -5.34 0.00	51.06 -6.25 0.00	44.38 -4.88 0.00	40.78 -4.38 0.00	39.69 -3.64 0.00	37.97 -3.48 0.00	37.51 -3.22 0.00	35.44 -2.79 0.02	36.76 -3.07 0.00	41.10 -2.86 0.00	54.14 -5.68 0.00	60.86 -5.01 0.00	56.10 -3.27 0.00	43.55 -2.29 0.00	39.87 -2.19 0.00	36.93 -1.22 0.00	34.32 0.07 0.00
HARZA MOOSE___RIVER 24016	41.98 0.74 0.00	38.66 0.68 0.00	35.46 0.70 0.00	35.25 0.49 0.00	35.67 0.53 0.00	38.68 0.80 0.00	50.69 1.24 0.00	60.91 1.54 0.00	58.62 1.32 0.00	49.90 0.64 0.00	45.48 0.32 0.00	43.58 0.26 0.00	41.57 0.12 0.00	40.81 0.08 0.00	38.13 -0.11 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	60.24 0.42 0.00	66.59 0.72 0.00	60.61 1.25 0.00	46.67 0.83 0.00	42.73 0.67 0.00	38.65 0.50 0.00	34.63 0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.70 -0.54 0.00	37.45 -0.53 0.00	34.27 -0.49 0.00	34.27 -0.49 0.00	34.65 -0.49 0.00	37.35 -0.53 0.00	48.77 -0.69 0.00	58.48 -0.89 0.00	56.39 -0.92 0.00	48.52 -0.74 0.00	44.44 -0.72 0.00	42.63 -0.69 0.00	40.79 -0.66 0.00	40.08 -0.65 0.00	37.60 -0.65 0.00	39.19 -0.64 0.00	43.43 -0.53 0.00	58.86 -0.96 0.00	65.07 -0.79 0.00	58.83 -0.53 0.00	45.34 -0.50 0.00	41.51 -0.55 0.00	37.74 -0.42 0.00	33.91 -0.34 0.00
HELLGATE_13_KV_LD 55870	43.71 2.47 0.00	40.34 2.35 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.19 2.31 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.52 3.21 0.00	52.41 3.15 0.00	48.19 3.03 0.00	46.44 3.12 0.00	44.89 3.44 0.00	44.20 3.46 0.00	41.87 3.52 -0.11	43.37 3.54 0.00	47.12 3.16 0.00	64.64 3.95 -0.87	70.33 3.42 -1.05	61.74 2.37 0.00	47.77 1.93 0.00	44.37 2.31 0.00	40.45 2.29 -0.01	36.08 1.82 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.71 2.47 0.00	40.34 2.35 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.19 2.31 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.52 3.21 0.00	52.41 3.15 0.00	48.19 3.03 0.00	46.44 3.12 0.00	44.89 3.44 0.00	44.20 3.46 0.00	41.87 3.52 -0.11	43.37 3.54 0.00	47.12 3.16 0.00	64.64 3.95 -0.87	70.33 3.42 -1.05	61.74 2.37 0.00	47.77 1.93 0.00	44.37 2.31 0.00	40.45 2.29 -0.01	36.08 1.82 -0.01
HEMPSTEAD____ 23647	42.77 1.53 0.00	39.42 1.44 0.00	35.94 1.18 0.00	36.01 1.25 0.00	36.51 1.37 0.00	39.32 1.44 0.00	48.70 1.24 1.99	54.13 1.66 6.89	53.40 1.89 5.79	49.21 1.92 1.97	47.23 2.08 0.01	45.66 2.34 0.00	44.11 2.66 0.00	43.30 2.57 0.00	41.34 2.99 -0.11	42.61 2.79 0.00	46.32 2.37 0.01	63.55 2.87 -0.86	69.14 2.24 -1.04	60.72 1.37 0.01	46.19 0.96 0.62	43.31 1.26 0.01	39.33 1.18 0.01	35.10 0.86 0.01
HICKLING___1 23621	41.07 -0.16 0.00	37.79 -0.19 0.00	34.66 -0.10 0.00	34.66 -0.10 0.00	34.97 -0.18 0.00	37.47 -0.42 0.00	48.96 -0.49 0.00	58.00 -1.37 0.00	55.01 -2.29 0.00	47.58 -1.67 0.00	43.58 -1.58 0.00	42.03 -1.30 0.00	40.21 -1.24 0.00	39.55 -1.18 0.00	37.19 -1.03 0.03	38.79 -1.04 0.00	43.16 -0.79 0.00	58.14 -1.67 0.00	65.14 -0.72 0.00	59.43 0.06 0.00	45.80 -0.05 0.00	41.76 -0.29 0.00	38.08 -0.08 0.00	34.77 0.51 0.00
HICKLING___2 23622	41.07 -0.16 0.00	37.79 -0.19 0.00	34.66 -0.10 0.00	34.66 -0.10 0.00	34.97 -0.18 0.00	37.47 -0.42 0.00	48.96 -0.49 0.00	58.00 -1.37 0.00	55.01 -2.29 0.00	47.58 -1.67 0.00	43.58 -1.58 0.00	42.03 -1.30 0.00	40.21 -1.24 0.00	39.55 -1.18 0.00	37.19 -1.03 0.03	38.79 -1.04 0.00	43.16 -0.79 0.00	58.14 -1.67 0.00	65.14 -0.72 0.00	59.43 0.06 0.00	45.80 -0.05 0.00	41.76 -0.29 0.00	38.08 -0.08 0.00	34.77 0.51 0.00
HIGH FALLS___HY 23754	43.71 2.47 0.00	40.26 2.28 0.00	36.74 1.98 0.00	36.78 2.02 0.00	37.25 2.11 0.00	40.19 2.31 0.00	52.28 2.82 0.00	62.99 3.62 0.00	60.92 3.61 0.00	52.51 3.25 0.00	47.96 2.80 0.00	46.14 2.82 0.00	44.48 3.03 0.00	43.75 3.01 0.00	41.24 2.94 -0.05	42.89 3.07 0.00	46.99 3.03 0.00	62.73 4.07 1.16	68.41 3.95 1.40	62.45 3.09 0.00	48.14 2.29 0.00	44.37 2.31 0.00	40.18 2.02 0.00	35.79 1.54 0.00
HIGH_RIVER___SOLAR 323847	42.68 1.44 0.00	39.31 1.33 0.00	35.94 1.18 0.00	35.94 1.18 0.00	36.37 1.23 0.00	39.40 1.52 0.00	51.69 2.23 0.00	61.86 2.49 0.00	59.08 1.78 0.00	49.70 0.44 0.00	45.20 0.05 0.00	43.07 -0.26 0.00	41.12 -0.33 0.00	40.37 -0.37 0.00	37.96 -0.31 -0.02	39.75 -0.08 0.00	44.18 0.22 0.00	64.51 1.43 -3.25	72.29 2.50 -3.93	61.50 2.13 0.00	47.49 1.65 0.00	43.49 1.43 0.00	39.38 1.22 0.00	35.14 0.89 0.00
HILLBURN___GT 23639	43.14 1.90 0.00	39.77 1.79 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.49 2.03 0.00	61.98 2.61 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.84 2.51 0.00	44.23 2.78 0.00	43.46 2.73 0.00	41.16 2.76 -0.16	42.65 2.83 0.00	46.73 2.77 0.00	64.10 3.53 -0.75	69.99 3.23 -0.90	61.68 2.31 0.00	47.59 1.74 0.00	43.90 1.85 0.00	39.83 1.68 0.00	35.59 1.33 0.00
HILLSIDE_115KV_TB1 80332	40.66 -0.58 0.00	37.45 -0.53 0.00	34.31 -0.45 0.00	34.31 -0.45 0.00	34.65 -0.49 0.00	37.13 -0.76 0.00	48.52 -0.94 0.00	57.47 -1.90 0.00	54.61 -2.69 0.00	47.24 -2.02 0.00	43.22 -1.94 0.00	41.72 -1.60 0.00	39.96 -1.49 0.00	39.35 -1.38 0.00	37.03 -1.19 0.03	38.63 -1.19 0.00	42.90 -1.05 0.00	57.85 -1.97 0.00	64.48 -1.38 0.00	58.71 -0.65 0.00	45.29 -0.55 0.00	41.34 -0.71 0.00	37.66 -0.50 0.00	34.39 0.14 0.00

HISHELDN_WT_PWR 323625	40.00 -1.24 0.00	36.69 -1.29 0.00	33.61 -1.15 0.00	33.72 -1.04 0.00	33.91 -1.23 0.00	35.91 -1.97 0.00	46.44 -3.02 0.00	54.68 -4.69 0.00	51.80 -5.50 0.00	44.63 -4.63 0.00	41.01 -4.15 0.00	39.82 -3.51 0.00	38.01 -3.44 0.00	37.68 -3.06 0.00	35.51 -2.71 0.02	36.84 -2.99 0.00	40.66 -3.30 0.00	54.67 -5.14 0.00	61.45 -4.41 0.00	56.70 -2.67 0.00	44.01 -1.84 0.00	40.33 -1.73 0.00	37.16 -0.99 0.00	34.36 0.10 0.00
HOLTSVILLE_IC_1 23690	27.01 1.24 15.47	26.10 1.22 13.09	26.05 0.97 9.69	14.82 1.01 20.95	26.07 1.16 10.23	26.53 1.25 12.60	26.12 0.60 23.94	32.03 1.01 28.35	43.07 0.97 15.21	45.20 1.08 5.14	46.12 1.08 0.12	44.67 1.34 0.00	43.23 1.78 0.00	42.40 1.71 0.04	40.92 2.56 -0.11	42.01 2.19 0.00	45.35 1.41 0.01	48.44 1.86 13.24	47.16 1.12 19.82	46.21 0.24 13.40	44.46 0.00 1.39	26.76 0.63 15.92	28.99 0.95 10.12	26.33 0.58 8.50
HOLTSVILLE_IC_10 23699	27.82 1.44 14.86	26.76 1.37 12.58	26.60 1.15 9.31	15.82 1.18 20.13	26.61 1.30 9.83	27.17 1.40 12.11	27.15 0.84 23.14	33.03 1.30 27.64	43.62 1.26 14.94	45.54 1.33 5.05	46.39 1.35 0.12	44.93 1.60 0.00	43.48 2.03 0.00	42.61 1.91 0.04	41.18 2.83 -0.11	42.26 2.43 0.00	45.62 1.67 0.01	49.32 2.21 12.71	48.27 1.45 19.04	47.06 0.59 12.90	44.71 0.23 1.37	27.57 0.84 15.33	29.54 1.11 9.72	26.80 0.72 8.17
HOLTSVILLE_IC_2 23691	27.01 1.24 15.47	26.10 1.22 13.09	26.05 0.97 9.69	14.82 1.01 20.95	26.07 1.16 10.23	26.53 1.25 12.60	26.12 0.60 23.94	32.03 1.01 28.35	43.07 0.97 15.21	45.20 1.08 5.14	46.12 1.08 0.12	44.67 1.34 0.00	43.23 1.78 0.00	42.40 1.71 0.04	40.92 2.56 -0.11	42.01 2.19 0.00	45.35 1.41 0.01	48.44 1.86 13.24	47.16 1.12 19.82	46.21 0.24 13.40	44.46 0.00 1.39	26.76 0.63 15.92	28.99 0.95 10.12	26.33 0.58 8.50
HOLTSVILLE_IC_3 23692	27.01 1.24 15.47	26.10 1.22 13.09	26.05 0.97 9.69	14.82 1.01 20.95	26.07 1.16 10.23	26.53 1.25 12.60	26.12 0.60 23.94	32.03 1.01 28.35	43.07 0.97 15.21	45.20 1.08 5.14	46.12 1.08 0.12	44.67 1.34 0.00	43.23 1.78 0.00	42.40 1.71 0.04	40.92 2.56 -0.11	42.01 2.19 0.00	45.35 1.41 0.01	48.44 1.86 13.24	47.16 1.12 19.82	46.21 0.24 13.40	44.46 0.00 1.39	26.76 0.63 15.92	28.99 0.95 10.12	26.33 0.58 8.50
HOLTSVILLE_IC_4 23693	27.01 1.24 15.47	26.10 1.22 13.09	26.05 0.97 9.69	14.82 1.01 20.95	26.07 1.16 10.23	26.53 1.25 12.60	26.12 0.60 23.94	32.03 1.01 28.35	43.07 0.97 15.21	45.20 1.08 5.14	46.12 1.08 0.12	44.67 1.34 0.00	43.23 1.78 0.00	42.40 1.71 0.04	40.92 2.56 -0.11	42.01 2.19 0.00	45.35 1.41 0.01	48.44 1.86 13.24	47.16 1.12 19.82	46.21 0.24 13.40	44.46 0.00 1.39	26.76 0.63 15.92	28.99 0.95 10.12	26.33 0.58 8.50
HOLTSVILLE_IC_5 23694	27.01 1.24 15.47	26.10 1.22 13.09	26.05 0.97 9.69	14.82 1.01 20.95	26.07 1.16 10.23	26.53 1.25 12.60	26.12 0.60 23.94	32.03 1.01 28.35	43.07 0.97 15.21	45.20 1.08 5.14	46.12 1.08 0.12	44.67 1.34 0.00	43.23 1.78 0.00	42.40 1.71 0.04	40.92 2.56 -0.11	42.01 2.19 0.00	45.35 1.41 0.01	48.44 1.86 13.24	47.16 1.12 19.82	46.21 0.24 13.40	44.46 0.00 1.39	26.76 0.63 15.92	28.99 0.95 10.12	26.33 0.58 8.50
HOLTSVILLE_IC_6 23695	27.82 1.44 14.86	26.76 1.37 12.58	26.60 1.15 9.31	15.82 1.18 20.13	26.61 1.30 9.83	27.17 1.40 12.11	27.15 0.84 23.14	33.03 1.30 27.64	43.62 1.26 14.94	45.54 1.33 5.05	46.39 1.35 0.12	44.93 1.60 0.00	43.48 2.03 0.00	42.61 1.91 0.04	41.18 2.83 -0.11	42.26 2.43 0.00	45.62 1.67 0.01	49.32 2.21 12.71	48.27 1.45 19.04	47.06 0.59 12.90	44.71 0.23 1.37	27.57 0.84 15.33	29.54 1.11 9.72	26.80 0.72 8.17
HOLTSVILLE_IC_7 23696	27.82 1.44 14.86	26.76 1.37 12.58	26.60 1.15 9.31	15.82 1.18 20.13	26.61 1.30 9.83	27.17 1.40 12.11	27.15 0.84 23.14	33.03 1.30 27.64	43.62 1.26 14.94	45.54 1.33 5.05	46.39 1.35 0.12	44.93 1.60 0.00	43.48 2.03 0.00	42.61 1.91 0.04	41.18 2.83 -0.11	42.26 2.43 0.00	45.62 1.67 0.01	49.32 2.21 12.71	48.27 1.45 19.04	47.06 0.59 12.90	44.71 0.23 1.37	27.57 0.84 15.33	29.54 1.11 9.72	26.80 0.72 8.17
HOLTSVILLE_IC_8 23697	27.82 1.44 14.86	26.76 1.37 12.58	26.60 1.15 9.31	15.82 1.18 20.13	26.61 1.30 9.83	27.17 1.40 12.11	27.15 0.84 23.14	33.03 1.30 27.64	43.62 1.26 14.94	45.54 1.33 5.05	46.39 1.35 0.12	44.93 1.60 0.00	43.48 2.03 0.00	42.61 1.91 0.04	41.18 2.83 -0.11	42.26 2.43 0.00	45.62 1.67 0.01	49.32 2.21 12.71	48.27 1.45 19.04	47.06 0.59 12.90	44.71 0.23 1.37	27.57 0.84 15.33	29.54 1.11 9.72	26.80 0.72 8.17
HOLTSVILLE_IC_9 23698	27.82 1.44 14.86	26.76 1.37 12.58	26.60 1.15 9.31	15.82 1.18 20.13	26.61 1.30 9.83	27.17 1.40 12.11	27.15 0.84 23.14	33.03 1.30 27.64	43.62 1.26 14.94	45.54 1.33 5.05	46.39 1.35 0.12	44.93 1.60 0.00	43.48 2.03 0.00	42.61 1.91 0.04	41.18 2.83 -0.11	42.26 2.43 0.00	45.62 1.67 0.01	49.32 2.21 12.71	48.27 1.45 19.04	47.06 0.59 12.90	44.71 0.23 1.37	27.57 0.84 15.33	29.54 1.11 9.72	26.80 0.72 8.17
HOMER_HL_115KV_TB2 355744	39.75 -1.48 0.00	36.54 -1.44 0.00	33.61 -1.15 0.00	33.58 -1.18 0.00	33.81 -1.34 0.00	35.88 -2.01 0.00	47.13 -2.32 0.00	54.98 -4.39 0.00	51.92 -5.39 0.00	45.17 -4.09 0.00	41.41 -3.75 0.00	40.29 -3.03 0.00	38.59 -2.86 0.00	38.09 -2.65 0.00	35.93 -2.29 0.02	37.28 -2.55 0.00	41.58 -2.37 0.00	55.27 -4.55 0.00	61.98 -3.89 0.00	57.05 -2.32 0.00	44.10 -1.74 0.00	40.04 -2.02 0.00	36.67 -1.49 0.00	34.12 -0.14 0.00
HOWARD_WT_PWR 323690	40.83 -0.41 0.00	37.33 -0.65 0.00	34.10 -0.66 0.00	34.20 -0.56 0.00	34.51 -0.63 0.00	36.94 -0.95 0.00	48.02 -1.44 0.00	56.88 -2.49 0.00	53.07 -4.24 0.00	45.51 -3.75 0.00	41.64 -3.52 0.00	40.25 -3.08 0.00	38.34 -3.11 0.00	37.88 -2.85 0.00	35.62 -2.60 0.02	37.48 -2.35 0.00	41.54 -2.42 0.00	56.53 -3.29 0.00	63.95 -1.91 0.00	58.77 -0.59 0.00	45.52 -0.32 0.00	41.59 -0.46 0.00	38.04 -0.11 0.00	34.77 0.51 0.00
HQ_GEN_CEDARS 23644	41.82 0.58 0.00	38.59 0.61 0.00	35.35 0.59 0.00	35.14 0.38 0.00	35.57 0.42 0.00	38.45 0.57 0.00	50.30 0.84 0.00	60.32 0.95 0.00	58.11 0.80 0.00	49.85 0.59 0.00	45.61 0.45 0.00	43.84 0.52 0.00	41.74 0.29 0.00	40.90 0.16 0.00	38.28 0.04 0.00	39.75 -0.08 0.00	43.82 -0.13 0.00	59.76 -0.06 0.00	66.13 0.26 0.00	60.02 0.65 0.00	46.44 0.60 0.00	42.52 0.46 0.00	38.46 0.31 0.00	34.60 0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	41.82 0.58 0.00	38.59 0.61 0.00	35.31 0.55 0.00	35.14 0.38 0.00	35.57 0.42 0.00	38.45 0.57 0.00	50.45 0.99 0.00	60.56 1.19 0.00	57.94 0.91 0.28	50.33 0.79 -0.28	45.79 0.63 0.00	43.93 0.61 0.00	41.82 0.37 0.00	41.02 0.29 0.00	38.36 0.12 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	60.00 0.18 0.00	66.39 0.52 0.00	60.26 0.89 0.00	46.53 0.69 0.00	42.56 0.51 0.00	38.46 0.30 0.00	34.60 0.34 0.00

HQ_GEN_IMPORT 323601	41.45 0.21 0.00	38.17 0.19 0.00	34.93 0.17 0.00	34.90 0.14 0.00	35.29 0.14 0.00	38.07 0.19 0.00	49.76 0.30 0.00	59.79 0.42 0.00	57.31 0.29 0.28	49.84 0.30 -0.28	45.39 0.23 0.00	43.54 0.22 0.00	41.58 0.12 0.00	40.81 0.08 0.00	38.28 0.04 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	59.88 0.06 0.00	66.06 0.20 0.00	59.67 0.30 0.00	46.07 0.23 0.00	42.23 0.17 0.00	38.27 0.11 0.00	34.36 0.10 0.00
HQ_GEN_WHEEL 23651	41.45 0.21 0.00	38.17 0.19 0.00	34.93 0.17 0.00	34.90 0.14 0.00	35.29 0.14 0.00	38.07 0.19 0.00	49.76 0.30 0.00	59.79 0.42 0.00	57.31 0.29 0.28	49.84 0.30 -0.28	45.39 0.23 0.00	43.54 0.22 0.00	41.58 0.12 0.00	40.81 0.08 0.00	38.28 0.04 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	59.88 0.06 0.00	66.06 0.20 0.00	59.67 0.30 0.00	46.07 0.23 0.00	42.23 0.17 0.00	38.27 0.11 0.00	34.36 0.10 0.00
HUDSON AVE_GT_3 23810	43.42 2.19 0.00	40.03 2.05 0.00	36.57 1.81 0.00	36.57 1.81 0.00	37.04 1.90 0.00	39.93 2.05 0.00	51.68 2.23 0.00	62.34 2.97 0.00	60.46 3.15 0.00	52.31 3.05 0.00	48.09 2.94 0.00	46.27 2.95 0.00	44.68 3.23 0.00	43.95 3.22 0.00	41.60 3.25 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.70 4.01 -0.87	70.47 3.56 -1.05	61.92 2.55 0.00	47.77 1.93 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
HUDSON AVE_GT_4 23540	43.42 2.19 0.00	40.03 2.05 0.00	36.57 1.81 0.00	36.57 1.81 0.00	37.04 1.90 0.00	39.93 2.05 0.00	51.68 2.23 0.00	62.34 2.97 0.00	60.46 3.15 0.00	52.31 3.05 0.00	48.09 2.94 0.00	46.27 2.95 0.00	44.68 3.23 0.00	43.95 3.22 0.00	41.60 3.25 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.70 4.01 -0.87	70.47 3.56 -1.05	61.92 2.55 0.00	47.77 1.93 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
HUDSON AVE_GT_5 23657	43.42 2.19 0.00	40.03 2.05 0.00	36.57 1.81 0.00	36.57 1.81 0.00	37.04 1.90 0.00	39.93 2.05 0.00	51.68 2.23 0.00	62.34 2.97 0.00	60.46 3.15 0.00	52.31 3.05 0.00	48.09 2.94 0.00	46.27 2.95 0.00	44.68 3.23 0.00	43.95 3.22 0.00	41.60 3.25 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.70 4.01 -0.87	70.47 3.56 -1.05	61.92 2.55 0.00	47.77 1.93 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
HUDSON_AVE_10 24168	43.30 2.06 0.00	39.92 1.94 0.00	36.46 1.70 0.00	36.46 1.70 0.00	36.94 1.79 0.00	39.82 1.93 0.00	51.54 2.08 0.00	62.16 2.79 0.00	60.34 3.04 0.00	52.17 2.91 0.00	47.96 2.80 0.00	46.14 2.82 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.86 2.90 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.74 2.37 0.00	47.63 1.79 0.00	44.03 1.98 0.00	40.06 1.91 0.00	35.69 1.44 0.00
HUDSON___115KV_TB 4 355613	42.15 0.91 0.00	38.78 0.80 0.00	35.49 0.73 0.00	35.52 0.76 0.00	35.92 0.77 0.00	38.79 0.91 0.00	50.45 0.99 0.00	60.62 1.25 0.00	58.62 1.32 0.00	50.10 0.84 0.00	46.02 0.86 0.00	43.93 0.61 0.00	42.07 0.62 0.00	41.38 0.65 0.00	38.97 0.69 -0.03	40.62 0.80 0.00	44.88 0.92 0.00	49.01 2.03 12.85	52.54 2.17 15.50	60.61 1.25 0.00	46.81 0.96 0.00	42.90 0.84 0.00	39.03 0.88 0.00	34.97 0.72 0.00
HUNTER MOUNT___DRP 323613	42.19 0.95 0.00	38.82 0.84 0.00	35.52 0.76 0.00	35.52 0.76 0.00	35.92 0.77 0.00	38.83 0.95 0.00	50.60 1.14 0.00	60.79 1.42 0.00	58.80 1.49 0.00	50.10 0.84 0.00	46.02 0.86 0.00	43.93 0.61 0.00	42.03 0.58 0.00	41.30 0.57 0.00	38.86 0.57 -0.03	40.58 0.76 0.00	44.83 0.88 0.00	52.24 2.33 9.91	56.54 3.36 11.96	60.79 2.37 0.00	46.94 1.10 0.00	42.98 0.93 0.00	39.07 0.92 0.00	34.94 0.69 0.00
HUNTINGTON_RES_REC 323705	14.58 1.07 27.73	15.61 1.10 23.48	18.26 0.87 17.37	-1.89 0.90 37.56	17.85 1.05 18.34	16.42 1.14 22.60	10.03 0.35 39.77	20.62 0.72 39.46	40.62 0.97 17.66	44.39 1.08 5.95	46.34 1.40 0.22	44.97 1.65 0.00	43.52 2.07 0.00	42.65 2.00 0.08	41.26 2.91 -0.11	42.30 2.47 0.00	45.71 1.76 0.01	37.19 1.91 24.54	30.52 1.19 36.53	35.60 0.36 24.13	44.66 0.28 1.46	13.84 0.46 28.68	20.86 0.84 18.13	19.50 0.48 15.24
HUNTLEY___63 23557	40.25 -0.99 0.00	36.88 -1.10 0.00	33.89 -0.87 0.00	33.82 -0.94 0.00	34.02 -1.12 0.00	35.95 -1.93 0.00	46.79 -2.67 0.00	54.44 -4.93 0.00	51.52 -5.79 0.00	44.78 -4.48 0.00	41.19 -3.97 0.00	40.03 -3.29 0.00	38.30 -3.15 0.00	37.84 -2.89 0.00	35.74 -2.49 0.02	37.08 -2.75 0.00	41.41 -2.55 0.00	54.56 -5.26 0.00	61.32 -4.54 0.00	56.58 -2.79 0.00	43.92 -1.93 0.00	40.04 -2.02 0.00	37.09 -1.07 0.00	34.66 0.41 0.00
HUNTLEY___64 23558	40.25 -0.99 0.00	36.88 -1.10 0.00	33.89 -0.87 0.00	33.82 -0.94 0.00	34.02 -1.12 0.00	35.95 -1.93 0.00	46.79 -2.67 0.00	54.44 -4.93 0.00	51.52 -5.79 0.00	44.78 -4.48 0.00	41.19 -3.97 0.00	40.03 -3.29 0.00	38.30 -3.15 0.00	37.84 -2.89 0.00	35.74 -2.49 0.02	37.08 -2.75 0.00	41.41 -2.55 0.00	54.56 -5.26 0.00	61.32 -4.54 0.00	56.58 -2.79 0.00	43.92 -1.93 0.00	40.04 -2.02 0.00	37.09 -1.07 0.00	34.66 0.41 0.00
HUNTLEY___65 23559	40.25 -0.99 0.00	36.88 -1.10 0.00	33.89 -0.87 0.00	33.82 -0.94 0.00	34.02 -1.12 0.00	35.95 -1.93 0.00	46.79 -2.67 0.00	54.44 -4.93 0.00	51.52 -5.79 0.00	44.78 -4.48 0.00	41.19 -3.97 0.00	40.03 -3.29 0.00	38.30 -3.15 0.00	37.84 -2.89 0.00	35.74 -2.49 0.02	37.08 -2.75 0.00	41.41 -2.55 0.00	54.56 -5.26 0.00	61.32 -4.54 0.00	56.58 -2.79 0.00	43.92 -1.93 0.00	40.04 -2.02 0.00	37.09 -1.07 0.00	34.66 0.41 0.00
HUNTLEY___66 23560	40.25 -0.99 0.00	36.88 -1.10 0.00	33.89 -0.87 0.00	33.82 -0.94 0.00	34.02 -1.12 0.00	35.95 -1.93 0.00	46.79 -2.67 0.00	54.44 -4.93 0.00	51.52 -5.79 0.00	44.78 -4.48 0.00	41.19 -3.97 0.00	40.03 -3.29 0.00	38.30 -3.15 0.00	37.84 -2.89 0.00	35.74 -2.49 0.02	37.08 -2.75 0.00	41.41 -2.55 0.00	54.56 -5.26 0.00	61.32 -4.54 0.00	56.58 -2.79 0.00	43.92 -1.93 0.00	40.04 -2.02 0.00	37.09 -1.07 0.00	34.66 0.41 0.00
HUNTLEY___67 23561	40.08 -1.15 0.00	36.73 -1.25 0.00	33.75 -1.01 0.00	33.68 -1.08 0.00	33.91 -1.23 0.00	35.84 -2.05 0.00	46.69 -2.77 0.00	54.38 -4.99 0.00	51.40 -5.90 0.00	44.73 -4.53 0.00	41.14 -4.02 0.00	39.99 -3.34 0.00	38.30 -3.15 0.00	37.84 -2.89 0.00	35.74 -2.49 0.02	37.08 -2.75 0.00	41.41 -2.55 0.00	54.62 -5.20 0.00	61.25 -4.61 0.00	56.46 -2.91 0.00	43.83 -2.02 0.00	39.95 -2.10 0.00	36.97 -1.18 0.00	34.39 0.14 0.00
HUNTLEY___68 23562	40.08 -1.15 0.00	36.73 -1.25 0.00	33.75 -1.01 0.00	33.68 -1.08 0.00	33.91 -1.23 0.00	35.84 -2.05 0.00	46.69 -2.77 0.00	54.38 -4.99 0.00	51.40 -5.90 0.00	44.73 -4.53 0.00	41.14 -4.02 0.00	39.99 -3.34 0.00	38.30 -3.15 0.00	37.84 -2.89 0.00	35.74 -2.49 0.02	37.08 -2.75 0.00	41.41 -2.55 0.00	54.62 -5.20 0.00	61.25 -4.61 0.00	56.46 -2.91 0.00	43.83 -2.02 0.00	39.95 -2.10 0.00	36.97 -1.18 0.00	34.39 0.14 0.00



HYLAND___LFGE 323620	42.39 1.15 0.00	38.81 0.83 0.00	35.49 0.73 0.00	35.56 0.80 0.00	35.85 0.70 0.00	38.45 0.57 0.00	50.40 0.94 0.00	59.73 0.36 0.00	56.28 -1.03 0.00	47.68 -1.58 0.00	43.26 -1.89 0.00	41.59 -1.73 0.00	39.46 -1.99 0.00	39.14 -1.59 0.00	36.93 -1.30 0.02	38.75 -1.07 0.00	43.16 -0.79 0.00	58.86 -0.96 0.00	66.98 1.12 0.00	61.86 2.49 0.00	47.49 1.65 0.00	43.53 1.47 0.00	39.64 1.49 0.00	36.03 1.78 0.00
INDECK___CORINTH 23802	42.14 0.91 0.00	38.78 0.80 0.00	35.49 0.73 0.00	35.52 0.76 0.00	35.95 0.81 0.00	38.94 1.06 0.00	51.09 1.63 0.00	61.27 1.90 0.00	59.26 1.95 0.00	50.39 1.13 0.00	46.11 0.95 0.00	43.89 0.56 0.00	41.86 0.41 0.00	41.06 0.32 0.00	38.58 0.30 -0.02	40.26 0.44 0.00	44.66 0.70 0.00	66.82 1.50 -5.50	74.34 1.84 -6.64	60.73 1.37 0.00	46.90 1.06 0.00	42.85 0.80 0.00	38.76 0.61 0.00	34.56 0.31 0.00
INDECK___ILION 23567	41.94 0.70 0.00	38.63 0.65 0.00	35.35 0.59 0.00	35.35 0.59 0.00	35.74 0.60 0.00	38.57 0.68 0.00	50.45 0.99 0.00	60.62 1.25 0.00	58.51 1.20 0.00	50.24 0.99 0.00	46.02 0.86 0.00	44.10 0.78 0.00	42.15 0.70 0.00	41.38 0.65 0.00	38.82 0.57 0.00	40.46 0.64 0.00	44.70 0.75 0.00	60.84 1.02 0.00	67.05 1.19 0.00	60.49 1.13 0.00	46.71 0.87 0.00	42.86 0.80 0.00	38.92 0.76 0.00	34.94 0.69 0.00
INDECK___OLEAN 23982	39.59 -1.65 0.00	36.39 -1.59 0.00	33.27 -1.49 0.00	33.44 -1.32 0.00	33.60 -1.55 0.00	35.76 -2.12 0.00	46.64 -2.82 0.00	54.74 -4.63 0.00	51.86 -5.45 0.00	44.92 -4.34 0.00	41.23 -3.93 0.00	40.12 -3.21 0.00	38.38 -3.07 0.00	38.00 -2.73 0.00	35.82 -2.41 0.02	37.08 -2.75 0.00	41.01 -2.94 0.00	54.92 -4.90 0.00	61.51 -4.35 0.00	56.70 -2.67 0.00	43.92 -1.92 0.00	40.04 -2.02 0.00	36.67 -1.49 0.00	34.05 -0.20 0.00
INDECK___OSWEGO 23783	40.33 -0.91 0.00	37.11 -0.87 0.00	33.96 -0.80 0.00	33.96 -0.80 0.00	34.34 -0.81 0.00	37.05 -0.83 0.00	48.32 -1.14 0.00	58.01 -1.36 0.00	55.99 -1.32 0.00	48.03 -1.23 0.00	44.03 -1.13 0.00	42.24 -1.08 0.00	40.37 -1.08 0.00	39.67 -1.06 0.00	37.22 -1.03 0.00	38.79 -1.04 0.00	42.95 -1.01 0.00	58.33 -1.49 0.00	64.41 -1.45 0.00	58.18 -1.19 0.00	44.88 -0.96 0.00	41.17 -0.89 0.00	37.35 -0.80 0.00	33.53 -0.72 0.00
INDECK___YERKES 23781	40.00 -1.24 0.00	36.65 -1.33 0.00	33.51 -1.25 0.00	33.61 -1.15 0.00	33.77 -1.37 0.00	35.76 -2.12 0.00	46.05 -3.41 0.00	54.03 -5.34 0.00	51.40 -5.90 0.00	44.43 -4.83 0.00	40.91 -4.25 0.00	39.82 -3.51 0.00	37.97 -3.48 0.00	37.68 -3.06 0.00	35.55 -2.68 0.02	36.84 -2.99 0.00	40.57 -3.38 0.00	54.08 -5.74 0.00	60.59 -5.27 0.00	56.10 -3.27 0.00	43.64 -2.20 0.00	40.04 -2.02 0.00	37.13 -1.03 0.00	34.60 0.34 0.00
INDIAN POINT_GT_1 24139	43.09 1.86 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.44 1.98 0.00	61.98 2.61 0.00	60.00 2.69 0.00	51.87 2.61 0.00	47.69 2.53 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.50 2.77 0.00	41.12 2.75 -0.12	42.65 2.83 0.00	46.64 2.68 0.00	64.25 3.59 -0.84	70.04 3.16 -1.02	61.62 2.26 0.00	47.54 1.70 0.00	43.86 1.81 0.00	39.83 1.68 0.00	35.55 1.30 0.00
INDIAN POINT_GT_2 23659	43.09 1.86 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.44 1.98 0.00	61.98 2.61 0.00	60.00 2.69 0.00	51.87 2.61 0.00	47.69 2.53 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.50 2.77 0.00	41.12 2.75 -0.12	42.65 2.83 0.00	46.64 2.68 0.00	64.25 3.59 -0.84	70.04 3.16 -1.02	61.62 2.26 0.00	47.54 1.70 0.00	43.86 1.81 0.00	39.83 1.68 0.00	35.55 1.30 0.00
INDIAN POINT_GT_3 24019	43.09 1.86 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.44 1.98 0.00	61.98 2.61 0.00	60.00 2.69 0.00	51.87 2.61 0.00	47.69 2.53 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.50 2.77 0.00	41.12 2.75 -0.12	42.65 2.83 0.00	46.64 2.68 0.00	64.25 3.59 -0.84	70.04 3.16 -1.02	61.62 2.26 0.00	47.54 1.70 0.00	43.86 1.81 0.00	39.83 1.68 0.00	35.55 1.30 0.00
INDIAN POINT___2 23530	43.05 1.81 0.00	39.73 1.75 0.00	36.25 1.49 0.00	36.33 1.57 0.00	36.76 1.62 0.00	39.63 1.74 0.00	51.39 1.93 0.00	61.86 2.49 0.00	59.82 2.52 0.00	51.72 2.46 0.00	47.51 2.35 0.00	45.79 2.47 0.00	44.14 2.69 0.00	43.42 2.69 0.00	41.09 2.72 -0.13	42.61 2.79 0.00	46.64 2.68 0.00	64.04 3.41 -0.81	69.87 3.03 -0.97	61.50 2.13 0.00	47.45 1.60 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.55 1.30 0.00
INDIAN POINT___3 23531	43.05 1.81 0.00	39.69 1.71 0.00	36.25 1.49 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.70 0.00	51.39 1.93 0.00	61.92 2.55 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.64 2.48 0.00	45.79 2.47 0.00	44.14 2.69 0.00	43.46 2.73 0.00	41.08 2.72 -0.12	42.61 2.79 0.00	46.55 2.59 0.00	64.19 3.53 -0.84	69.98 3.10 -1.02	61.56 2.20 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.52 1.27 0.00
INGHAM_C_115KV_TB7 356103	42.85 1.61 0.00	39.42 1.44 0.00	36.08 1.32 0.00	36.08 1.32 0.00	36.48 1.34 0.00	39.40 1.52 0.00	51.58 2.13 0.00	61.98 2.61 0.00	59.83 2.52 0.00	51.33 2.07 0.00	47.01 1.85 0.00	45.01 1.69 0.00	42.98 1.53 0.00	42.16 1.43 0.00	39.51 1.26 0.00	41.18 1.35 0.00	45.49 1.54 0.00	61.91 2.09 0.00	68.30 2.44 0.00	61.74 2.37 0.00	47.72 1.88 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.76 1.51 0.00
IP CORINTH___1 23988	42.35 1.11 0.00	38.97 0.99 0.00	35.63 0.87 0.00	35.70 0.94 0.00	36.13 0.98 0.00	39.13 1.25 0.00	51.39 1.93 0.00	61.63 2.26 0.00	59.60 2.29 0.00	50.69 1.43 0.00	46.42 1.26 0.00	44.15 0.82 0.00	42.11 0.66 0.00	41.30 0.57 0.00	38.81 0.54 -0.02	40.50 0.68 0.00	44.88 0.92 0.00	67.23 1.91 -5.50	74.80 2.31 -6.64	61.15 1.78 0.00	47.17 1.33 0.00	43.11 1.05 0.00	39.00 0.84 0.00	34.77 0.51 0.00
IP___TICONDEROGA 23804	44.00 2.76 0.00	40.49 2.51 0.00	37.02 2.26 0.00	37.02 2.26 0.00	37.46 2.32 0.00	40.69 2.80 0.00	53.66 4.20 0.00	64.18 4.81 0.00	61.89 4.58 0.00	52.22 2.96 0.00	47.73 2.57 0.00	45.23 1.91 0.00	42.98 1.53 0.00	42.12 1.38 0.00	39.53 1.26 -0.03	41.38 1.55 0.00	46.02 2.07 0.00	69.37 3.83 -5.72	77.57 4.81 -6.90	63.46 4.10 0.00	49.01 3.16 0.00	44.62 2.57 0.00	40.29 2.14 0.00	35.86 1.61 0.00
ISLIP_RES_REC 323679	29.66 1.65 13.23	28.33 1.56 11.21	27.76 1.29 8.29	18.16 1.32 17.93	27.86 1.48 8.76	28.69 1.59 10.79	29.51 1.09 21.03	34.93 1.60 26.04	44.36 1.55 14.50	45.98 1.62 4.90	46.72 1.67 0.11	45.23 1.90 0.00	43.73 2.28 0.00	42.85 2.16 0.04	41.37 3.02 -0.11	42.49 2.67 0.00	45.84 1.89 0.01	51.16 2.57 11.23	50.85 1.84 16.86	48.76 0.89 11.50	44.96 0.46 1.34	29.44 1.05 13.66	30.75 1.26 8.66	27.80 0.82 7.28

JAMAICA__27_KV_LOAD 355505	43.47 2.23 0.00	40.07 2.09 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.04 1.90 0.00	39.97 2.08 0.00	51.68 2.23 0.00	62.40 3.03 0.00	60.57 3.27 0.00	52.41 3.15 0.00	48.05 2.89 0.00	46.23 2.90 0.00	44.72 3.27 0.00	44.03 3.30 0.00	41.68 3.33 -0.11	43.21 3.39 0.00	47.03 3.08 0.00	64.76 4.07 -0.87	70.53 3.62 -1.05	61.98 2.61 0.00	47.77 1.93 0.00	44.20 2.14 0.00	40.25 2.10 0.00	35.76 1.51 0.00
JANIS__SOLAR 323808	42.39 1.15 0.00	38.89 0.91 0.00	35.63 0.87 0.00	35.63 0.87 0.00	36.02 0.88 0.00	38.94 1.06 0.00	51.04 1.58 0.00	61.15 1.78 0.00	58.45 1.15 0.00	49.61 0.35 0.00	44.93 -0.22 0.00	42.98 -0.35 0.00	40.95 -0.50 0.00	40.25 -0.49 0.00	37.72 -0.50 0.03	39.63 -0.20 0.00	44.18 0.22 0.00	60.54 0.72 0.00	67.77 1.91 0.00	61.86 2.49 0.00	47.54 1.70 0.00	43.49 1.43 0.00	39.38 1.22 0.00	35.45 1.20 0.00
JARVIS____ 23743	41.32 0.08 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.86 0.10 0.00	35.25 0.11 0.00	38.00 0.11 0.00	49.61 0.15 0.00	59.55 0.18 0.00	57.54 0.23 0.00	49.41 0.15 0.00	45.30 0.14 0.00	43.46 0.13 0.00	41.58 0.12 0.00	40.90 0.16 0.00	38.40 0.15 0.00	40.03 0.20 0.00	44.13 0.18 0.00	60.12 0.30 0.00	66.06 0.20 0.00	59.49 0.12 0.00	45.94 0.09 0.00	42.18 0.13 0.00	38.27 0.11 0.00	34.32 0.07 0.00
JENNISON____1 23625	42.43 1.20 0.00	39.01 1.03 0.00	35.77 1.01 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.98 1.10 0.00	51.14 1.68 0.00	61.27 1.90 0.00	58.80 1.49 0.00	50.10 0.84 0.00	45.52 0.36 0.00	43.63 0.30 0.00	41.66 0.21 0.00	40.85 0.12 0.00	38.21 0.00 0.04	40.10 0.28 0.00	44.53 0.57 0.00	60.78 0.96 0.00	67.64 1.78 0.00	61.68 2.32 0.00	47.45 1.60 0.00	43.36 1.30 0.00	39.34 1.18 0.00	35.42 1.16 0.00
JENNISON____2 23626	42.43 1.20 0.00	39.01 1.03 0.00	35.77 1.01 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.98 1.10 0.00	51.14 1.68 0.00	61.27 1.90 0.00	58.80 1.49 0.00	50.10 0.84 0.00	45.52 0.36 0.00	43.63 0.30 0.00	41.66 0.21 0.00	40.85 0.12 0.00	38.21 0.00 0.04	40.10 0.28 0.00	44.53 0.57 0.00	60.78 0.96 0.00	67.64 1.78 0.00	61.68 2.32 0.00	47.45 1.60 0.00	43.36 1.30 0.00	39.34 1.18 0.00	35.42 1.16 0.00
JERICOHO_RISE_WT_PWR 323719	42.11 0.87 0.00	38.97 0.99 0.00	35.59 0.83 0.00	35.46 0.69 0.00	35.88 0.74 0.00	38.91 1.02 0.00	51.09 1.63 0.00	61.33 1.96 0.00	58.97 1.66 0.00	50.69 1.43 0.00	46.29 1.13 0.00	44.19 0.87 0.00	41.82 0.37 0.00	40.81 0.08 0.00	38.02 -0.23 0.00	39.31 -0.52 0.00	43.30 -0.66 0.00	59.40 -0.42 0.00	65.99 0.13 0.00	59.90 0.53 0.00	46.30 0.46 0.00	42.31 0.25 0.00	38.27 0.11 0.00	34.43 0.17 0.00
KATONAH__115KV_46KV_TB4 355592	43.30 2.06 0.00	39.95 1.97 0.00	36.50 1.74 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.73 2.28 0.00	62.40 3.03 0.00	60.46 3.15 0.00	52.26 3.00 0.00	47.96 2.80 0.00	46.10 2.77 0.00	44.39 2.94 0.00	43.67 2.93 0.00	41.21 2.87 -0.10	42.81 2.99 0.00	46.81 2.86 0.00	64.71 4.01 -0.88	70.48 3.56 -1.06	61.92 2.55 0.00	47.77 1.93 0.00	43.99 1.93 0.00	39.99 1.83 0.00	35.62 1.37 0.00
KCE_NY_1 323755	42.77 1.53 0.00	39.39 1.41 0.00	36.01 1.25 0.00	36.05 1.29 0.00	36.48 1.34 0.00	39.40 1.52 0.00	51.58 2.13 0.00	61.86 2.49 0.00	59.82 2.52 0.00	51.08 1.82 0.00	46.78 1.62 0.00	44.67 1.34 0.00	42.69 1.24 0.00	41.91 1.18 0.00	39.42 1.15 -0.03	41.14 1.31 0.00	45.49 1.54 0.00	68.37 2.51 -6.04	75.97 2.83 -7.28	61.56 2.20 0.00	47.59 1.74 0.00	43.53 1.47 0.00	39.45 1.30 0.00	35.25 0.99 0.00
KCE_NY_6_ESR 323823	40.13 -1.11 0.00	36.76 -1.22 0.00	33.65 -1.11 0.00	33.75 -1.01 0.00	33.91 -1.23 0.00	35.91 -1.97 0.00	46.49 -2.97 0.00	54.56 -4.81 0.00	51.86 -5.45 0.00	44.83 -4.43 0.00	41.23 -3.93 0.00	40.12 -3.21 0.00	38.30 -3.15 0.00	37.96 -2.77 0.00	35.82 -2.41 0.02	37.12 -2.71 0.00	40.92 -3.03 0.00	54.67 -5.14 0.00	61.25 -4.61 0.00	56.70 -2.67 0.00	44.01 -1.84 0.00	40.29 -1.76 0.00	37.24 -0.92 0.00	34.53 0.27 0.00
KEDC PORT_JEFF_GT2 24210	26.10 1.36 16.49	25.31 1.29 13.96	25.47 1.04 10.33	13.50 1.08 22.34	25.46 1.23 10.91	25.77 1.33 13.44	24.89 0.69 25.26	31.29 1.13 29.20	43.11 1.15 15.34	45.31 1.23 5.19	46.11 1.08 0.13	44.71 1.39 0.00	43.27 1.82 0.00	42.44 1.75 0.04	41.11 2.76 -0.11	42.17 2.35 0.00	45.48 1.54 0.01	47.53 1.91 14.20	45.81 1.19 21.24	45.48 0.42 14.31	44.64 0.18 1.38	25.81 0.76 17.01	28.40 1.03 10.79	25.84 0.65 9.07
KEDC PORT_JEFF_GT3 24211	26.10 1.36 16.49	25.31 1.29 13.96	25.47 1.04 10.33	13.50 1.08 22.34	25.46 1.23 10.91	25.77 1.33 13.44	24.89 0.69 25.26	31.29 1.13 29.20	43.11 1.15 15.34	45.31 1.23 5.19	46.11 1.08 0.13	44.71 1.39 0.00	43.27 1.82 0.00	42.44 1.75 0.04	41.11 2.76 -0.11	42.17 2.35 0.00	45.48 1.54 0.01	47.53 1.91 14.20	45.81 1.19 21.24	45.48 0.42 14.31	44.64 0.18 1.38	25.81 0.76 17.01	28.40 1.03 10.79	25.84 0.65 9.07
KEDC_GLWD_GT4 24219	43.14 1.90 0.00	39.77 1.79 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.83 1.69 0.00	39.70 1.82 0.00	49.96 1.83 1.33	56.78 2.02 4.61	55.66 2.23 3.87	50.16 2.22 1.32	47.50 2.35 0.00	46.10 2.78 0.00	44.47 3.02 0.00	43.70 2.97 0.00	41.57 3.21 -0.11	42.93 3.11 0.00	46.81 2.86 0.00	63.85 3.17 -0.86	69.54 2.64 -1.04	61.02 1.66 0.01	46.71 1.28 0.41	43.77 1.72 0.01	39.75 1.60 0.00	35.48 1.23 0.00
KEDC_GLWD_GT5 24220	43.14 1.90 0.00	39.77 1.79 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.83 1.69 0.00	39.70 1.82 0.00	49.96 1.83 1.33	56.78 2.02 4.61	55.66 2.23 3.87	50.16 2.22 1.32	47.50 2.35 0.00	46.10 2.78 0.00	44.47 3.02 0.00	43.70 2.97 0.00	41.57 3.21 -0.11	42.93 3.11 0.00	46.81 2.86 0.00	63.85 3.17 -0.86	69.54 2.64 -1.04	61.02 1.66 0.01	46.71 1.28 0.41	43.77 1.72 0.01	39.75 1.60 0.00	35.48 1.23 0.00
KENSICO____ 23655	43.18 1.94 0.00	39.80 1.82 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.54 2.08 0.00	62.04 2.67 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.78 2.62 0.00	45.97 2.64 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.22 2.87 -0.11	42.77 2.95 0.00	46.68 2.73 0.00	64.39 3.71 -0.86	70.13 3.23 -1.04	61.68 2.32 0.00	47.59 1.74 0.00	43.91 1.85 0.00	39.91 1.76 0.00	35.59 1.34 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.55 2.31 0.00	40.07 2.09 0.00	36.60 1.84 0.00	36.64 1.88 0.00	37.08 1.93 0.00	40.04 2.16 0.00	52.08 2.62 0.00	62.75 3.38 0.00	60.69 3.38 0.00	52.26 3.00 0.00	47.73 2.57 0.00	45.92 2.60 0.00	44.23 2.78 0.00	43.50 2.77 0.00	40.99 2.72 -0.03	42.69 2.87 0.00	46.77 2.81 0.00	63.71 3.89 0.00	69.68 3.82 0.00	62.28 2.91 0.00	48.00 2.15 0.00	44.24 2.19 0.00	40.06 1.91 0.00	35.69 1.44 0.00

KIAC_JFK_GT1 23816	43.22 1.98 0.00	39.84 1.86 0.00	36.36 1.60 0.00	36.36 1.60 0.00	36.83 1.69 0.00	39.74 1.86 0.00	51.19 1.73 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.92 2.66 0.00	47.64 2.48 0.00	45.84 2.51 0.00	44.52 3.07 0.00	43.79 3.05 0.00	41.45 3.10 -0.11	43.01 3.19 0.00	46.59 2.64 0.00	64.16 3.47 -0.87	69.87 2.96 -1.05	61.39 2.02 0.00	47.31 1.47 0.00	43.95 1.89 0.00	40.03 1.87 0.00	35.59 1.34 0.00
KIAC_JFK_GT2 23817	43.22 1.98 0.00	39.84 1.86 0.00	36.36 1.60 0.00	36.36 1.60 0.00	36.83 1.69 0.00	39.74 1.86 0.00	51.19 1.73 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.92 2.66 0.00	47.64 2.48 0.00	45.84 2.51 0.00	44.52 3.07 0.00	43.79 3.05 0.00	41.45 3.10 -0.11	43.01 3.19 0.00	46.59 2.64 0.00	64.16 3.47 -0.87	69.87 2.96 -1.05	61.39 2.02 0.00	47.31 1.47 0.00	43.95 1.89 0.00	40.03 1.87 0.00	35.59 1.34 0.00
KIAC_JFK____ 323774	43.22 1.98 0.00	39.84 1.86 0.00	36.33 1.57 0.00	36.39 1.63 0.00	36.87 1.72 0.00	39.74 1.86 0.00	51.19 1.73 0.00	61.80 2.44 0.00	60.00 2.69 0.00	51.82 2.56 0.00	47.51 2.35 0.00	45.79 2.47 0.00	44.47 3.02 0.00	43.75 3.01 0.00	41.45 3.10 -0.11	42.97 3.15 0.00	46.68 2.73 0.00	64.10 3.41 -0.87	69.80 2.89 -1.05	61.27 1.90 0.00	47.27 1.42 0.00	43.95 1.89 0.00	40.02 1.87 0.00	35.62 1.37 0.00
KINTIGH__24_KV_GSU 356498	39.96 -1.28 0.00	36.61 -1.37 0.00	33.47 -1.29 0.00	33.58 -1.18 0.00	33.77 -1.37 0.00	35.84 -2.05 0.00	46.24 -3.21 0.00	54.44 -4.93 0.00	51.86 -5.45 0.00	44.88 -4.38 0.00	41.28 -3.88 0.00	40.12 -3.21 0.00	38.30 -3.15 0.00	37.96 -2.77 0.00	35.82 -2.41 0.02	37.12 -2.71 0.00	40.92 -3.03 0.00	54.67 -5.14 0.00	61.06 -4.81 0.00	56.28 -3.09 0.00	43.74 -2.11 0.00	40.16 -1.89 0.00	37.13 -1.03 0.00	34.29 0.03 0.00
KINTIGH____ 23543	40.17 -1.07 0.00	36.84 -1.14 0.00	33.79 -0.97 0.00	33.75 -1.01 0.00	34.02 -1.12 0.00	36.03 -1.86 0.00	46.94 -2.52 0.00	54.80 -4.57 0.00	51.98 -5.33 0.00	45.17 -4.09 0.00	41.50 -3.66 0.00	40.34 -2.99 0.00	38.59 -2.86 0.00	38.13 -2.61 0.00	35.97 -2.26 0.02	37.36 -2.47 0.00	41.71 -2.24 0.00	55.09 -4.73 0.00	61.71 -4.15 0.00	56.70 -2.67 0.00	44.01 -1.83 0.00	40.16 -1.89 0.00	37.13 -1.03 0.00	34.39 0.14 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.93 1.69 0.00	39.77 1.79 0.00	36.39 1.63 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.74 1.86 0.00	51.19 1.73 0.00	60.85 1.48 0.00	58.51 1.20 0.00	50.15 0.89 0.00	45.70 0.54 0.00	44.19 0.87 0.00	41.66 0.21 0.00	40.57 -0.16 0.00	37.67 -0.57 0.00	38.87 -0.96 0.00	42.77 -1.19 0.00	58.14 -1.67 0.00	65.60 -0.26 0.00	59.84 0.47 0.00	46.53 0.69 0.00	42.98 0.93 0.00	38.80 0.65 0.00	34.97 0.72 0.00
LACHUTE____HYDRO 323717	44.04 2.81 0.00	40.52 2.54 0.00	37.02 2.26 0.00	37.02 2.26 0.00	37.50 2.35 0.00	40.69 2.80 0.00	53.61 4.16 0.00	64.12 4.75 0.00	61.83 4.53 0.00	52.17 2.91 0.00	47.69 2.53 0.00	45.23 1.90 0.00	42.98 1.53 0.00	42.07 1.34 0.00	39.50 1.22 -0.03	41.38 1.55 0.00	46.02 2.07 0.00	69.25 3.71 -5.72	77.51 4.74 -6.90	63.41 4.04 0.00	48.96 3.12 0.00	44.58 2.52 0.00	40.29 2.14 0.00	35.86 1.61 0.00
LAWRNCALV_115KV_TB1 80681	42.15 0.91 0.00	38.89 0.91 0.00	35.63 0.87 0.00	35.35 0.59 0.00	35.78 0.63 0.00	38.79 0.91 0.00	50.79 1.34 0.00	60.91 1.54 0.00	58.57 1.26 0.00	50.10 0.84 0.00	45.75 0.59 0.00	43.93 0.61 0.00	41.74 0.29 0.00	40.90 0.16 0.00	38.17 -0.08 0.00	39.63 -0.20 0.00	43.60 -0.35 0.00	59.52 -0.30 0.00	65.99 0.13 0.00	60.14 0.77 0.00	46.53 0.69 0.00	42.73 0.67 0.00	38.65 0.50 0.00	34.73 0.48 0.00
LEDERLE____ 23769	43.26 2.02 0.00	39.88 1.90 0.00	36.43 1.67 0.00	36.46 1.70 0.00	36.90 1.76 0.00	39.78 1.89 0.00	51.68 2.23 0.00	62.28 2.91 0.00	60.29 2.98 0.00	52.12 2.86 0.00	47.82 2.66 0.00	46.05 2.73 0.00	44.39 2.94 0.00	43.67 2.93 0.00	41.30 2.91 -0.15	42.81 2.99 0.00	46.81 2.86 0.00	64.43 3.83 -0.78	70.30 3.49 -0.94	61.98 2.61 0.00	47.77 1.93 0.00	44.03 1.98 0.00	39.99 1.83 0.00	35.66 1.40 0.00
LIGHTHSE_115KV_TB6 355974	41.11 -0.12 0.00	37.83 -0.15 0.00	34.62 -0.14 0.00	34.55 -0.21 0.00	34.93 -0.21 0.00	37.77 -0.11 0.00	49.46 0.00 0.00	59.37 0.00 0.00	57.13 -0.17 0.00	48.87 -0.39 0.00	44.62 -0.54 0.00	42.76 -0.56 0.00	40.83 -0.62 0.00	40.12 -0.61 0.00	37.52 -0.73 0.00	39.15 -0.68 0.00	43.30 -0.66 0.00	59.04 -0.78 0.00	65.47 -0.40 0.00	59.43 0.06 0.00	45.80 -0.05 0.00	41.97 -0.08 0.00	38.04 -0.11 0.00	34.15 -0.10 0.00
LINDEN COGEN____ 23786	43.09 1.86 0.01	39.73 1.75 0.00	36.25 1.49 0.00	36.33 1.57 0.00	36.76 1.62 0.00	39.62 1.74 0.01	51.24 1.78 0.00	61.80 2.44 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.88 2.56 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.30 2.95 -0.11	42.77 2.95 0.00	46.73 2.77 0.00	64.10 3.41 -0.87	69.80 2.89 -1.05	61.32 1.96 0.00	47.35 1.51 0.00	43.82 1.77 0.00	39.91 1.76 0.00	35.59 1.33 0.00
LINDHRST_69_KV_BK1 356055	42.47 2.23 0.99	39.04 1.90 0.84	35.84 1.70 0.62	35.05 1.63 1.34	36.28 1.79 0.66	39.05 1.97 0.81	46.48 1.63 4.61	49.29 2.26 12.34	49.87 2.35 9.79	48.30 2.36 3.32	47.76 2.62 0.01	46.01 2.69 0.00	44.43 2.98 0.00	43.62 2.89 0.00	41.83 3.48 -0.11	42.93 3.11 0.00	46.54 2.59 0.01	63.45 3.71 0.08	68.67 3.16 0.36	60.54 2.08 0.91	46.05 1.24 1.03	42.58 1.60 1.07	39.10 1.60 0.65	34.87 1.16 0.55
LIPA_MISC_IPP 23656	26.97 1.15 15.42	25.95 1.03 13.06	26.01 0.90 9.66	14.74 0.87 20.89	25.93 0.98 10.20	26.38 1.06 12.57	25.78 0.20 23.88	31.62 -0.53 28.28	42.93 0.80 15.18	45.06 0.94 5.13	46.07 1.04 0.12	44.58 1.26 0.00	43.11 1.66 0.00	42.28 1.59 0.04	40.76 2.41 -0.11	41.74 1.91 0.00	45.09 1.14 0.01	48.35 1.73 13.20	47.09 0.99 19.76	46.12 0.12 13.36	44.32 -0.14 1.38	26.55 0.38 15.88	28.79 0.72 10.09	26.15 0.38 8.48
LISF____SOLAR 323691	27.04 1.11 15.31	26.12 1.10 12.96	26.04 0.87 9.59	14.93 0.90 20.73	26.07 1.05 10.13	26.54 1.14 12.48	26.17 0.44 23.73	32.05 0.83 28.15	42.98 0.80 15.13	45.08 0.93 5.12	46.03 0.99 0.12	44.58 1.26 0.00	43.15 1.70 0.00	42.28 1.59 0.04	40.84 2.48 -0.11	41.93 2.11 0.00	45.22 1.28 0.01	48.45 1.74 13.10	47.23 0.99 19.62	46.22 0.12 13.27	44.37 -0.09 1.38	26.79 0.51 15.77	28.90 0.76 10.01	26.28 0.44 8.42
LITTLE FALLS____HYD 24013	42.85 1.61 0.00	39.42 1.44 0.00	36.08 1.32 0.00	36.08 1.32 0.00	36.48 1.34 0.00	39.40 1.52 0.00	51.58 2.13 0.00	61.98 2.61 0.00	59.83 2.52 0.00	51.33 2.07 0.00	47.01 1.85 0.00	45.01 1.69 0.00	42.98 1.53 0.00	42.16 1.43 0.00	39.51 1.26 0.00	41.18 1.35 0.00	45.49 1.54 0.00	61.91 2.09 0.00	68.30 2.44 0.00	61.74 2.37 0.00	47.72 1.88 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.76 1.51 0.00

LITTLRIV_115KV_TB1 356100	42.56 1.32 0.00	39.27 1.29 0.00	35.98 1.22 0.00	35.66 0.90 0.00	36.09 0.95 0.00	39.17 1.29 0.00	51.39 1.93 0.00	61.63 2.26 0.00	59.08 1.78 0.00	50.39 1.13 0.00	45.93 0.77 0.00	44.06 0.74 0.00	41.86 0.41 0.00	41.02 0.29 0.00	38.28 0.04 0.00	39.79 -0.04 0.00	43.82 -0.13 0.00	59.94 0.12 0.00	66.65 0.79 0.00	60.91 1.54 0.00	47.08 1.24 0.00	43.19 1.14 0.00	39.03 0.88 0.00	35.08 0.82 0.00
LI_NEWBRDGE___DRP 323616	42.56 1.32 0.00	39.20 1.22 0.00	35.84 1.08 0.00	35.80 1.04 0.00	36.30 1.16 0.00	39.13 1.25 0.00	45.94 0.94 4.46	45.30 1.37 15.43	46.01 1.66 12.96	46.58 1.72 4.40	47.00 1.85 0.01	45.32 1.99 0.00	43.77 2.32 0.00	43.01 2.28 0.00	41.14 2.79 -0.11	42.29 2.47 0.00	45.88 1.93 0.01	63.25 2.57 -0.86	68.87 1.98 -1.03	60.42 1.07 0.02	45.20 0.73 1.38	43.01 0.97 0.02	39.14 0.99 0.01	34.86 0.62 0.01
LOCKPORT_115KV_TB60_63_64 80432	40.29 -0.95 0.00	36.92 -1.06 0.00	33.93 -0.83 0.00	33.86 -0.90 0.00	34.09 -1.05 0.00	35.61 -2.27 0.00	46.49 -2.97 0.00	54.09 -5.28 0.00	51.17 -6.13 0.00	44.43 -4.83 0.00	40.82 -4.34 0.00	39.69 -3.64 0.00	38.01 -3.44 0.00	37.56 -3.18 0.00	35.48 -2.75 0.02	36.80 -3.03 0.00	41.14 -2.81 0.00	54.14 -5.68 0.00	60.92 -4.94 0.00	56.16 -3.21 0.00	43.60 -2.25 0.00	39.87 -2.19 0.00	36.93 -1.22 0.00	34.32 0.07 0.00
LOCKPORT___CC1 323769	39.79 -1.44 0.00	36.46 -1.52 0.00	33.33 -1.43 0.00	33.47 -1.29 0.00	33.63 -1.51 0.00	35.27 -2.61 0.00	45.50 -3.96 0.00	53.38 -5.99 0.00	50.77 -6.53 0.00	43.89 -5.37 0.00	40.37 -4.79 0.00	39.30 -4.03 0.00	37.51 -3.94 0.00	37.23 -3.50 0.00	35.13 -3.10 0.02	36.40 -3.43 0.00	40.09 -3.87 0.00	53.42 -6.40 0.00	59.87 -5.99 0.00	55.45 -3.92 0.00	43.14 -2.70 0.00	39.83 -2.23 0.00	36.93 -1.22 0.00	34.25 0.00 0.00
LOCKPORT___CC2 323770	39.79 -1.44 0.00	36.46 -1.52 0.00	33.33 -1.43 0.00	33.47 -1.29 0.00	33.63 -1.51 0.00	35.27 -2.61 0.00	45.50 -3.96 0.00	53.38 -5.99 0.00	50.77 -6.53 0.00	43.89 -5.37 0.00	40.37 -4.79 0.00	39.30 -4.03 0.00	37.51 -3.94 0.00	37.23 -3.50 0.00	35.13 -3.10 0.02	36.40 -3.43 0.00	40.09 -3.87 0.00	53.42 -6.40 0.00	59.87 -5.99 0.00	55.45 -3.92 0.00	43.14 -2.70 0.00	39.83 -2.23 0.00	36.93 -1.22 0.00	34.25 0.00 0.00
LOCKPORT___CC3 323771	39.79 -1.44 0.00	36.46 -1.52 0.00	33.33 -1.43 0.00	33.47 -1.29 0.00	33.63 -1.51 0.00	35.27 -2.61 0.00	45.50 -3.96 0.00	53.38 -5.99 0.00	50.77 -6.53 0.00	43.89 -5.37 0.00	40.37 -4.79 0.00	39.30 -4.03 0.00	37.51 -3.94 0.00	37.23 -3.50 0.00	35.13 -3.10 0.02	36.40 -3.43 0.00	40.09 -3.87 0.00	53.42 -6.40 0.00	59.87 -5.99 0.00	55.45 -3.92 0.00	43.14 -2.70 0.00	39.83 -2.23 0.00	36.93 -1.22 0.00	34.25 0.00 0.00
LOCUSVLY_69_KV_BK2 55797	43.05 1.81 0.00	39.61 1.63 0.00	36.22 1.46 0.00	36.22 1.46 0.00	36.69 1.55 0.00	39.55 1.67 0.00	48.95 1.53 2.04	54.26 1.96 7.07	53.61 2.23 5.93	49.46 2.22 2.02	47.64 2.48 0.00	46.05 2.73 0.00	44.43 2.98 0.00	43.67 2.93 0.00	41.68 3.33 -0.11	42.89 3.07 0.00	46.46 2.51 0.00	63.91 3.23 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	46.49 1.28 0.63	43.56 1.51 0.01	39.60 1.45 0.00	35.28 1.03 0.00
LONG_LAKE_PHOENIX 24014	40.54 -0.70 0.00	37.30 -0.68 0.00	34.13 -0.63 0.00	34.13 -0.63 0.00	34.51 -0.63 0.00	37.20 -0.68 0.00	48.62 -0.84 0.00	58.30 -1.07 0.00	56.27 -1.03 0.00	48.37 -0.89 0.00	44.30 -0.86 0.00	42.50 -0.82 0.00	40.62 -0.83 0.00	39.92 -0.81 0.00	37.44 -0.80 0.00	39.03 -0.80 0.00	43.25 -0.70 0.00	58.68 -1.14 0.00	64.87 -0.99 0.00	58.65 -0.71 0.00	45.20 -0.64 0.00	41.38 -0.67 0.00	37.55 -0.61 0.00	33.74 -0.51 0.00
LOVETT___3 23632	43.05 1.81 0.00	39.69 1.71 0.00	36.25 1.49 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.70 0.00	51.39 1.93 0.00	61.92 2.55 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.79 2.47 0.00	44.19 2.74 0.00	43.46 2.73 0.00	41.10 2.72 -0.14	42.61 2.79 0.00	46.59 2.64 0.00	64.15 3.53 -0.80	69.92 3.10 -0.96	61.56 2.20 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.52 1.27 0.00
LOVETT___4 23642	43.05 1.81 0.00	39.69 1.71 0.00	36.25 1.49 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.70 0.00	51.39 1.93 0.00	61.92 2.55 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.79 2.47 0.00	44.19 2.74 0.00	43.46 2.73 0.00	41.10 2.72 -0.14	42.61 2.79 0.00	46.59 2.64 0.00	64.15 3.53 -0.80	69.92 3.10 -0.96	61.56 2.20 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.52 1.27 0.00
LOVETT___5 23593	43.05 1.81 0.00	39.69 1.71 0.00	36.25 1.49 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.70 0.00	51.39 1.93 0.00	61.92 2.55 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.79 2.47 0.00	44.19 2.74 0.00	43.46 2.73 0.00	41.10 2.72 -0.14	42.61 2.79 0.00	46.59 2.64 0.00	64.15 3.53 -0.80	69.92 3.10 -0.96	61.56 2.20 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.52 1.27 0.00
LOWER RAQUET___HYD 24057	42.23 0.99 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.42 0.66 0.00	35.85 0.70 0.00	38.91 1.02 0.00	51.14 1.68 0.00	61.45 2.08 0.00	58.97 1.66 0.00	50.44 1.18 0.00	46.02 0.86 0.00	44.11 0.78 0.00	41.86 0.41 0.00	41.02 0.29 0.00	38.28 0.04 0.00	39.71 -0.12 0.00	43.69 -0.26 0.00	59.76 -0.06 0.00	66.26 0.40 0.00	60.44 1.07 0.00	46.67 0.83 0.00	42.81 0.76 0.00	38.73 0.57 0.00	34.80 0.55 0.00
LOWER___HUDSON 24059	42.31 1.07 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.98 1.10 0.00	50.94 1.48 0.00	61.15 1.78 0.00	59.19 1.89 0.00	50.84 1.58 0.00	46.65 1.49 0.00	44.62 1.30 0.00	42.78 1.33 0.00	42.07 1.34 0.00	39.61 1.34 -0.03	41.26 1.43 0.00	45.53 1.58 0.00	71.92 2.45 -9.64	80.00 2.50 -11.63	61.09 1.72 0.00	47.22 1.37 0.00	43.23 1.18 0.00	39.22 1.07 0.00	35.07 0.82 0.00
LOWVILLE_115KV_TB2 356335	41.98 0.74 0.00	38.66 0.68 0.00	35.49 0.73 0.00	35.21 0.45 0.00	35.67 0.53 0.00	38.72 0.83 0.00	50.74 1.29 0.00	61.03 1.66 0.00	58.68 1.38 0.00	49.80 0.54 0.00	45.34 0.18 0.00	43.41 0.09 0.00	41.41 -0.04 0.00	40.61 -0.12 0.00	37.90 -0.34 0.00	39.55 -0.28 0.00	43.52 -0.44 0.00	59.94 0.12 0.00	66.26 0.40 0.00	60.49 1.13 0.00	46.53 0.69 0.00	42.64 0.59 0.00	38.54 0.38 0.00	34.53 0.27 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.72 1.48 0.00	39.35 1.37 0.00	35.98 1.22 0.00	36.01 1.25 0.00	36.41 1.27 0.00	39.36 1.48 0.00	51.54 2.08 0.00	61.86 2.49 0.00	59.83 2.52 0.00	51.13 1.87 0.00	46.83 1.67 0.00	44.67 1.34 0.00	42.69 1.24 0.00	41.91 1.18 0.00	39.42 1.15 -0.03	41.14 1.31 0.00	45.45 1.49 0.00	68.43 2.57 -6.04	75.97 2.83 -7.28	61.62 2.26 0.00	47.59 1.74 0.00	43.53 1.47 0.00	39.45 1.30 0.00	35.25 0.99 0.00

LUTHERNY_35_KV_BK2 355980	42.72 1.48 0.00	39.35 1.37 0.00	36.01 1.25 0.00	36.01 1.25 0.00	36.44 1.30 0.00	39.40 1.52 0.00	51.58 2.13 0.00	61.92 2.55 0.00	59.88 2.58 0.00	51.13 1.87 0.00	46.83 1.67 0.00	44.67 1.34 0.00	42.69 1.24 0.00	41.95 1.22 0.00	39.42 1.15 -0.03	41.14 1.31 0.00	45.49 1.54 0.00	68.43 2.57 -6.04	76.04 2.90 -7.28	61.62 2.26 0.00	47.59 1.74 0.00	43.53 1.47 0.00	39.45 1.30 0.00	35.25 0.99 0.00
LWR___OSWEGATCHIE_HYD 23850	42.10 0.87 0.00	38.82 0.84 0.00	35.59 0.83 0.00	35.32 0.56 0.00	35.74 0.60 0.00	38.79 0.91 0.00	50.84 1.38 0.00	61.09 1.72 0.00	58.68 1.38 0.00	49.95 0.69 0.00	45.48 0.32 0.00	43.63 0.30 0.00	41.49 0.04 0.00	40.65 -0.08 0.00	37.94 -0.31 0.00	39.47 -0.36 0.00	43.43 -0.53 0.00	59.52 -0.30 0.00	66.06 0.20 0.00	60.32 0.95 0.00	46.53 0.69 0.00	42.73 0.67 0.00	38.65 0.50 0.00	34.70 0.45 0.00
LYONS_FALL_HYD 23570	41.98 0.74 0.00	38.66 0.68 0.00	35.42 0.66 0.00	35.25 0.49 0.00	35.67 0.53 0.00	38.64 0.76 0.00	50.64 1.19 0.00	60.91 1.54 0.00	58.63 1.32 0.00	49.90 0.64 0.00	45.48 0.32 0.00	43.59 0.26 0.00	41.58 0.12 0.00	40.81 0.08 0.00	38.13 -0.11 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	60.24 0.42 0.00	66.59 0.73 0.00	60.62 1.25 0.00	46.67 0.83 0.00	42.77 0.71 0.00	38.65 0.49 0.00	34.63 0.38 0.00
MADISON___COUNTY_LFGE 323628	42.02 0.78 0.00	38.70 0.72 0.00	35.46 0.70 0.00	35.39 0.63 0.00	35.78 0.63 0.00	38.68 0.80 0.00	50.65 1.19 0.00	60.79 1.42 0.00	58.57 1.26 0.00	50.05 0.79 0.00	45.66 0.50 0.00	43.76 0.43 0.00	41.78 0.33 0.00	41.06 0.33 0.00	38.48 0.23 0.00	40.18 0.36 0.00	44.48 0.53 0.00	60.66 0.84 0.00	67.18 1.32 0.00	60.97 1.60 0.00	46.90 1.05 0.00	42.90 0.84 0.00	38.88 0.72 0.00	34.90 0.65 0.00
MALONE___115KV_TB1 356076	42.64 1.40 0.00	39.46 1.48 0.00	36.12 1.36 0.00	35.80 1.04 0.00	36.23 1.09 0.00	39.40 1.52 0.00	51.34 1.88 0.00	61.39 2.02 0.00	58.97 1.66 0.00	50.54 1.28 0.00	46.11 0.95 0.00	44.36 1.04 0.00	41.95 0.50 0.00	40.94 0.20 0.00	38.13 -0.11 0.00	39.43 -0.40 0.00	43.38 -0.57 0.00	59.28 -0.54 0.00	66.45 0.59 0.00	60.61 1.25 0.00	46.90 1.05 0.00	42.98 0.93 0.00	38.80 0.65 0.00	34.90 0.65 0.00
MAPLEWOD_115KV_TB3 80458	41.98 0.74 0.00	38.66 0.68 0.00	35.42 0.66 0.00	35.42 0.66 0.00	35.81 0.67 0.00	38.68 0.80 0.00	50.50 1.04 0.00	60.68 1.31 0.00	58.85 1.55 0.00	50.49 1.23 0.00	46.42 1.26 0.00	44.36 1.04 0.00	42.53 1.08 0.00	41.83 1.10 0.00	39.38 1.11 -0.03	41.02 1.19 0.00	45.19 1.23 0.00	72.68 2.03 -10.83	80.83 1.91 -13.06	60.67 1.31 0.00	46.85 1.01 0.00	42.94 0.88 0.00	38.96 0.80 0.00	34.90 0.65 0.00
MAPLE_RIDGE_WT_1 323574	40.79 -0.45 0.00	37.60 -0.38 0.00	34.45 -0.31 0.00	34.52 -0.24 0.00	34.93 -0.21 0.00	37.66 -0.23 0.00	49.21 -0.25 0.00	59.07 -0.30 0.00	56.96 -0.34 0.00	49.01 -0.25 0.00	44.85 -0.31 0.00	42.98 -0.35 0.00	41.08 -0.37 0.00	40.33 -0.41 0.00	37.79 -0.46 0.00	39.27 -0.56 0.00	43.30 -0.66 0.00	59.10 -0.72 0.00	65.07 -0.79 0.00	58.66 -0.71 0.00	45.30 -0.55 0.00	41.51 -0.55 0.00	37.62 -0.53 0.00	33.77 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	40.79 -0.45 0.00	37.60 -0.38 0.00	34.45 -0.31 0.00	34.52 -0.24 0.00	34.93 -0.21 0.00	37.66 -0.23 0.00	49.21 -0.25 0.00	59.07 -0.30 0.00	56.96 -0.34 0.00	49.01 -0.25 0.00	44.85 -0.31 0.00	42.98 -0.35 0.00	41.08 -0.37 0.00	40.33 -0.41 0.00	37.79 -0.46 0.00	39.27 -0.56 0.00	43.30 -0.66 0.00	59.10 -0.72 0.00	65.07 -0.79 0.00	58.66 -0.71 0.00	45.30 -0.55 0.00	41.51 -0.55 0.00	37.62 -0.53 0.00	33.77 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	42.64 1.40 0.00	39.54 1.56 0.00	36.15 1.39 0.00	35.98 1.22 0.00	36.45 1.30 0.00	39.59 1.71 0.00	52.03 2.57 0.00	62.40 3.03 0.00	59.94 2.64 0.00	51.48 2.22 0.00	46.92 1.76 0.00	44.71 1.39 0.00	42.11 0.66 0.00	40.94 0.20 0.00	37.90 -0.34 0.00	39.03 -0.80 0.00	42.95 -1.01 0.00	59.16 -0.66 0.00	66.13 0.26 0.00	60.31 0.95 0.00	46.57 0.73 0.00	42.48 0.42 0.00	38.42 0.27 0.00	34.70 0.44 0.00
MARSHVLE_115KV_TB1 80742	42.52 1.28 0.00	39.08 1.10 0.00	35.73 0.97 0.00	35.73 0.97 0.00	36.20 1.05 0.00	39.25 1.36 0.00	51.68 2.23 0.00	61.86 2.49 0.00	59.08 1.78 0.00	49.41 0.15 0.00	44.75 -0.41 0.00	42.50 -0.82 0.00	40.54 -0.91 0.00	39.71 -1.02 0.00	37.25 -0.99 0.00	39.03 -0.80 0.00	43.60 -0.35 0.00	63.61 0.90 -2.90	71.59 2.24 -3.49	61.39 2.02 0.00	47.31 1.47 0.00	43.32 1.26 0.00	39.15 0.99 0.00	34.90 0.65 0.00
MARSH_HILL_WT_PWR 323713	40.79 -0.45 0.00	37.33 -0.65 0.00	34.10 -0.66 0.00	34.20 -0.56 0.00	34.51 -0.63 0.00	36.90 -0.99 0.00	47.98 -1.48 0.00	56.82 -2.55 0.00	53.07 -4.24 0.00	45.47 -3.79 0.00	41.59 -3.57 0.00	40.20 -3.12 0.00	38.34 -3.11 0.00	37.88 -2.85 0.00	35.66 -2.56 0.02	37.48 -2.35 0.00	41.54 -2.42 0.00	56.47 -3.35 0.00	63.89 -1.97 0.00	58.72 -0.65 0.00	45.48 -0.37 0.00	41.55 -0.50 0.00	38.00 -0.15 0.00	34.73 0.48 0.00
MCINTYRE_115KV_TB2 80467	42.60 1.36 0.00	39.31 1.33 0.00	36.05 1.29 0.00	35.73 0.97 0.00	36.16 1.02 0.00	39.21 1.33 0.00	51.44 1.98 0.00	61.74 2.37 0.00	59.08 1.78 0.00	50.34 1.08 0.00	45.93 0.77 0.00	44.06 0.74 0.00	41.91 0.46 0.00	41.06 0.33 0.00	38.36 0.11 0.00	39.87 0.04 0.00	43.95 0.00 0.00	60.24 0.42 0.00	67.05 1.19 0.00	61.27 1.90 0.00	47.31 1.47 0.00	43.32 1.26 0.00	39.11 0.95 0.00	35.14 0.89 0.00
MECO_____69_KV_BK1 80468	43.34 2.10 0.00	39.88 1.90 0.00	36.46 1.70 0.00	36.43 1.67 0.00	36.90 1.76 0.00	40.04 2.16 0.00	52.72 3.26 0.00	63.05 3.68 0.00	60.23 2.92 0.00	50.34 1.08 0.00	45.57 0.41 0.00	43.15 -0.17 0.00	41.08 -0.37 0.00	40.28 -0.45 0.00	37.86 -0.38 0.00	39.79 -0.04 0.00	44.53 0.57 0.00	65.21 2.27 -3.12	73.24 3.62 -3.76	62.57 3.21 0.00	48.27 2.43 0.00	44.12 2.06 0.00	39.87 1.72 0.00	35.55 1.30 0.00
MENANDS___115KV_TB5 355628	41.73 0.49 0.00	38.44 0.46 0.00	35.21 0.45 0.00	35.25 0.49 0.00	35.60 0.46 0.00	38.45 0.57 0.00	50.15 0.69 0.00	60.32 0.95 0.00	58.51 1.20 0.00	50.24 0.99 0.00	46.24 1.08 0.00	44.23 0.91 0.00	42.40 0.95 0.00	41.71 0.98 0.00	39.27 0.99 -0.03	40.90 1.08 0.00	45.01 1.05 0.00	71.28 1.73 -9.72	79.17 1.58 -11.73	60.32 0.95 0.00	46.58 0.73 0.00	42.69 0.63 0.00	38.77 0.61 0.00	34.73 0.48 0.00
MG INDUSTRY___DRP 24185	41.82 0.58 0.00	38.51 0.53 0.00	35.25 0.49 0.00	35.32 0.56 0.00	35.67 0.53 0.00	38.45 0.57 0.00	50.15 0.69 0.00	60.20 0.83 0.00	58.28 0.97 0.00	49.95 0.69 0.00	46.02 0.86 0.00	43.97 0.65 0.00	42.11 0.66 0.00	41.38 0.65 0.00	38.96 0.69 -0.03	40.58 0.76 0.00	44.79 0.84 0.00	52.16 1.56 9.21	56.26 1.51 11.11	60.32 0.95 0.00	46.62 0.78 0.00	42.77 0.71 0.00	38.84 0.69 0.00	34.84 0.58 0.00

MID___OSWEGATCHIE_HYD 23849	42.10 0.87 0.00	38.82 0.84 0.00	35.59 0.83 0.00	35.32 0.56 0.00	35.74 0.60 0.00	38.79 0.91 0.00	50.84 1.38 0.00	61.09 1.72 0.00	58.68 1.38 0.00	49.95 0.69 0.00	45.48 0.32 0.00	43.63 0.30 0.00	41.49 0.04 0.00	40.65 -0.08 0.00	37.94 -0.31 0.00	39.47 -0.36 0.00	43.43 -0.53 0.00	59.52 -0.30 0.00	66.06 0.20 0.00	60.32 0.95 0.00	46.53 0.69 0.00	42.73 0.67 0.00	38.65 0.50 0.00	34.70 0.45 0.00
MID___RAQUETTE_HYD 23851	42.23 0.99 0.00	38.97 0.99 0.00	35.73 0.97 0.00	35.42 0.66 0.00	35.85 0.70 0.00	38.91 1.02 0.00	50.94 1.48 0.00	61.15 1.78 0.00	58.68 1.38 0.00	50.15 0.89 0.00	45.75 0.59 0.00	43.93 0.61 0.00	41.74 0.29 0.00	40.85 0.12 0.00	38.17 -0.08 0.00	39.59 -0.24 0.00	43.52 -0.44 0.00	59.40 -0.42 0.00	65.93 0.07 0.00	60.20 0.83 0.00	46.53 0.69 0.00	42.77 0.71 0.00	38.73 0.57 0.00	34.80 0.55 0.00
MILLIKEN___1 23584	41.69 0.45 0.00	38.40 0.42 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.50 0.35 0.00	38.30 0.42 0.00	50.10 0.64 0.00	59.96 0.59 0.00	57.54 0.23 0.00	49.36 0.10 0.00	45.07 -0.09 0.00	43.24 -0.09 0.00	41.33 -0.12 0.00	40.61 -0.12 0.00	38.11 -0.11 0.02	39.83 0.00 0.00	44.22 0.26 0.00	60.12 0.30 0.00	66.78 0.92 0.00	60.61 1.25 0.00	46.62 0.78 0.00	42.60 0.55 0.00	38.69 0.53 0.00	34.84 0.58 0.00
MILLIKEN___2 23585	41.69 0.45 0.00	38.40 0.42 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.50 0.35 0.00	38.30 0.42 0.00	50.10 0.64 0.00	59.96 0.59 0.00	57.54 0.23 0.00	49.36 0.10 0.00	45.07 -0.09 0.00	43.24 -0.09 0.00	41.33 -0.12 0.00	40.61 -0.12 0.00	38.11 -0.11 0.02	39.83 0.00 0.00	44.22 0.26 0.00	60.12 0.30 0.00	66.78 0.92 0.00	60.61 1.25 0.00	46.62 0.78 0.00	42.60 0.55 0.00	38.69 0.53 0.00	34.84 0.58 0.00
MILLIKEN___DIESEL 23629	41.69 0.45 0.00	38.40 0.42 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.50 0.35 0.00	38.30 0.42 0.00	50.10 0.64 0.00	59.96 0.59 0.00	57.54 0.23 0.00	49.36 0.10 0.00	45.07 -0.09 0.00	43.24 -0.09 0.00	41.33 -0.12 0.00	40.61 -0.12 0.00	38.11 -0.11 0.02	39.83 0.00 0.00	44.22 0.26 0.00	60.12 0.30 0.00	66.78 0.92 0.00	60.61 1.25 0.00	46.62 0.78 0.00	42.60 0.55 0.00	38.69 0.53 0.00	34.84 0.58 0.00
MILLSEAT___LFGE 323607	40.70 -0.54 0.00	37.26 -0.72 0.00	34.07 -0.69 0.00	34.17 -0.59 0.00	34.37 -0.77 0.00	36.18 -1.70 0.00	46.94 -2.52 0.00	55.33 -4.04 0.00	52.72 -4.59 0.00	45.37 -3.89 0.00	41.64 -3.52 0.00	40.42 -2.90 0.00	38.55 -2.90 0.00	38.21 -2.53 0.00	36.01 -2.22 0.02	37.32 -2.51 0.00	41.14 -2.81 0.00	55.09 -4.73 0.00	61.98 -3.89 0.00	57.35 -2.02 0.00	44.37 -1.47 0.00	40.92 -1.13 0.00	37.74 -0.42 0.00	34.77 0.51 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.09 1.86 0.00	39.77 1.79 0.00	36.32 1.56 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.44 1.98 0.00	61.98 2.61 0.00	60.06 2.75 0.00	51.92 2.66 0.00	47.69 2.53 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.50 2.77 0.00	41.15 2.79 -0.11	42.69 2.87 0.00	46.64 2.68 0.00	64.26 3.59 -0.85	70.05 3.16 -1.03	61.62 2.26 0.00	47.54 1.70 0.00	43.86 1.81 0.00	39.87 1.72 0.00	35.55 1.30 0.00
MILLWOOD_13_KV_LOAD 356217	43.22 1.98 0.00	39.84 1.86 0.00	36.39 1.63 0.00	36.46 1.70 0.00	36.87 1.72 0.00	39.78 1.89 0.00	51.58 2.13 0.00	62.16 2.79 0.00	60.23 2.92 0.00	52.07 2.81 0.00	47.82 2.66 0.00	45.97 2.64 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.23 2.87 -0.11	42.77 2.95 0.00	46.72 2.77 0.00	64.44 3.77 -0.85	70.25 3.36 -1.03	61.74 2.37 0.00	47.63 1.79 0.00	43.91 1.85 0.00	39.91 1.76 0.00	35.59 1.34 0.00
MODEL_CITY_ENERGY 24167	39.84 -1.40 0.00	36.50 -1.48 0.00	33.37 -1.39 0.00	33.51 -1.25 0.00	33.67 -1.47 0.00	35.04 -2.84 0.00	45.20 -4.25 0.00	53.02 -6.35 0.00	50.43 -6.88 0.00	43.64 -5.62 0.00	40.15 -5.01 0.00	39.12 -4.20 0.00	37.31 -4.14 0.00	37.03 -3.71 0.00	34.98 -3.25 0.02	36.20 -3.62 0.00	39.87 -4.09 0.00	53.12 -6.70 0.00	59.47 -6.39 0.00	55.04 -4.33 0.00	42.82 -3.03 0.00	39.41 -2.65 0.00	36.59 -1.57 0.00	33.94 -0.31 0.00
MODERN_LFGE___ 323580	39.84 -1.40 0.00	36.50 -1.48 0.00	33.37 -1.39 0.00	33.51 -1.25 0.00	33.67 -1.47 0.00	35.04 -2.84 0.00	45.20 -4.25 0.00	53.02 -6.35 0.00	50.43 -6.88 0.00	43.64 -5.62 0.00	40.15 -5.01 0.00	39.12 -4.20 0.00	37.31 -4.14 0.00	37.03 -3.71 0.00	34.98 -3.25 0.02	36.20 -3.62 0.00	39.87 -4.09 0.00	53.12 -6.70 0.00	59.47 -6.39 0.00	55.04 -4.33 0.00	42.82 -3.03 0.00	39.41 -2.65 0.00	36.59 -1.57 0.00	33.94 -0.31 0.00
MOHAWK_PAPER___DRP 24187	41.98 0.74 0.00	38.66 0.68 0.00	35.42 0.66 0.00	35.42 0.66 0.00	35.81 0.67 0.00	38.68 0.80 0.00	50.50 1.04 0.00	60.68 1.31 0.00	58.85 1.55 0.00	50.49 1.23 0.00	46.42 1.26 0.00	44.36 1.04 0.00	42.53 1.08 0.00	41.83 1.10 0.00	39.38 1.11 -0.03	41.02 1.19 0.00	45.19 1.23 0.00	72.68 2.03 -10.83	80.83 1.91 -13.06	60.67 1.31 0.00	46.85 1.01 0.00	42.94 0.88 0.00	38.96 0.80 0.00	34.90 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	42.68 1.44 0.00	39.27 1.29 0.00	35.91 1.15 0.00	35.98 1.22 0.00	36.37 1.23 0.00	39.40 1.52 0.00	51.73 2.28 0.00	62.10 2.73 0.00	60.00 2.69 0.00	51.03 1.77 0.00	46.74 1.58 0.00	44.45 1.13 0.00	42.36 0.91 0.00	41.59 0.86 0.00	39.08 0.80 -0.03	40.78 0.96 0.00	45.19 1.23 0.00	68.01 2.33 -5.85	75.75 2.83 -7.06	61.62 2.26 0.00	47.54 1.70 0.00	43.44 1.39 0.00	39.30 1.14 0.00	35.04 0.79 0.00
MONGAUP___HYD 23641	43.30 2.06 0.00	39.84 1.86 0.00	36.39 1.63 0.00	36.43 1.67 0.00	36.87 1.72 0.00	39.81 1.93 0.00	51.78 2.33 0.00	62.28 2.91 0.00	60.06 2.75 0.00	51.58 2.32 0.00	47.19 2.03 0.00	45.36 2.04 0.00	43.69 2.24 0.00	42.97 2.24 0.00	40.06 2.26 0.44	42.21 2.39 0.00	46.46 2.50 0.00	63.91 3.41 -0.68	70.10 3.42 -0.82	61.98 2.61 0.00	47.81 1.97 0.00	44.03 1.98 0.00	39.87 1.72 0.00	35.59 1.33 0.00
MONTAUK___DIESEL 23721	26.70 0.87 15.40	25.66 0.72 13.04	25.77 0.66 9.65	14.49 0.59 20.86	25.69 0.74 10.19	26.13 0.80 12.55	24.86 -0.74 23.85	30.70 -0.42 28.26	42.42 0.29 15.17	44.92 0.79 5.13	46.21 1.17 0.12	44.67 1.34 0.00	43.19 1.74 0.00	42.12 1.43 0.04	40.53 2.18 -0.11	41.62 1.79 0.00	45.00 1.05 0.01	48.55 1.91 13.18	47.57 1.45 19.74	46.49 0.47 13.35	44.28 -0.18 1.38	25.98 -0.21 15.86	27.89 -0.19 10.08	25.62 -0.17 8.47
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.25 -0.99 0.00	37.07 -0.91 0.00	34.24 -0.52 0.00	34.31 -0.45 0.00	34.41 -0.74 0.00	36.41 -1.48 0.00	47.78 -1.68 0.00	55.75 -3.62 0.00	52.66 -4.64 0.00	45.71 -3.55 0.00	41.91 -3.25 0.00	40.77 -2.56 0.00	39.00 -2.45 0.00	38.41 -2.32 0.00	36.24 -1.99 0.02	37.56 -2.27 0.00	41.93 -2.02 0.00	56.23 -3.59 0.00	63.29 -2.57 0.00	58.48 -0.89 0.00	44.93 -0.92 0.00	40.75 -1.30 0.00	37.47 -0.69 0.00	34.80 0.55 0.00

MORRIS_RIDGE___SOLAR 323848	40.29 -0.95 0.00	36.99 -0.99 0.00	33.86 -0.90 0.00	33.96 -0.80 0.00	34.20 -0.95 0.00	36.41 -1.48 0.00	47.23 -2.22 0.00	55.75 -3.62 0.00	52.67 -4.64 0.00	45.22 -4.04 0.00	41.46 -3.70 0.00	40.12 -3.21 0.00	38.30 -3.15 0.00	37.92 -2.81 0.00	35.70 -2.53 0.02	37.12 -2.71 0.00	41.01 -2.94 0.00	55.57 -4.25 0.00	62.70 -3.16 0.00	57.59 -1.78 0.00	44.65 -1.19 0.00	40.84 -1.22 0.00	37.47 -0.69 0.00	34.46 0.21 0.00
MORTIMER_115KV_TB3 55949	40.87 -0.37 0.00	37.49 -0.49 0.00	34.34 -0.42 0.00	34.31 -0.45 0.00	34.58 -0.56 0.00	36.97 -0.91 0.00	48.47 -0.99 0.00	57.23 -2.14 0.00	54.78 -2.52 0.00	47.29 -1.97 0.00	43.35 -1.81 0.00	41.85 -1.47 0.00	40.00 -1.45 0.00	39.43 -1.30 0.00	37.06 -1.19 0.00	38.55 -1.27 0.00	42.90 -1.05 0.00	57.37 -2.45 0.00	64.28 -1.58 0.00	58.83 -0.53 0.00	45.29 -0.55 0.00	41.47 -0.59 0.00	37.93 -0.23 0.00	34.60 0.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.34 2.10 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.85 1.97 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.17 2.91 0.00	47.96 2.80 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.83 3.10 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.52 3.83 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.07 2.02 0.00	40.10 1.95 0.00	35.73 1.47 0.00
MUNSVILLE_WIND_PWR 323609	43.18 1.94 0.00	39.50 1.52 0.00	36.29 1.53 0.00	36.19 1.43 0.00	36.69 1.54 0.00	39.70 1.82 0.00	52.18 2.72 0.00	62.69 3.32 0.00	60.00 2.69 0.00	50.69 1.43 0.00	45.70 0.54 0.00	43.71 0.39 0.00	41.58 0.12 0.00	40.77 0.04 0.00	38.03 -0.19 0.03	40.07 0.24 0.00	44.70 0.75 0.00	61.37 1.55 0.00	68.83 2.97 0.00	63.28 3.92 0.00	48.55 2.70 0.00	44.41 2.35 0.00	40.10 1.94 0.00	36.10 1.85 0.00
N SALMON___HYD 24042	42.64 1.40 0.00	39.46 1.48 0.00	36.05 1.29 0.00	35.80 1.04 0.00	36.23 1.09 0.00	39.40 1.52 0.00	51.88 2.42 0.00	62.28 2.91 0.00	59.77 2.46 0.00	51.33 2.07 0.00	46.78 1.62 0.00	44.75 1.43 0.00	42.32 0.87 0.00	41.30 0.57 0.00	38.44 0.19 0.00	39.75 -0.08 0.00	43.78 -0.18 0.00	60.18 0.36 0.00	66.98 1.12 0.00	61.09 1.72 0.00	47.17 1.33 0.00	42.98 0.92 0.00	38.80 0.65 0.00	34.90 0.65 0.00
N.AKRON__115KV_KNAPP 355671	40.83 -0.41 0.00	37.41 -0.57 0.00	34.34 -0.42 0.00	34.27 -0.49 0.00	34.51 -0.63 0.00	36.22 -1.67 0.00	47.38 -2.08 0.00	55.33 -4.04 0.00	52.43 -4.87 0.00	45.42 -3.84 0.00	41.64 -3.52 0.00	40.42 -2.90 0.00	38.67 -2.78 0.00	38.17 -2.57 0.00	36.05 -2.18 0.02	37.40 -2.43 0.00	41.76 -2.20 0.00	55.21 -4.61 0.00	62.24 -3.62 0.00	57.41 -1.96 0.00	44.42 -1.42 0.00	40.63 -1.43 0.00	37.51 -0.65 0.00	34.73 0.48 0.00
N.E_GEN_SANDY PD 24062	42.39 1.15 0.00	39.08 1.10 0.00	35.73 0.97 0.00	35.80 1.04 0.00	36.23 1.09 0.00	39.06 1.18 0.00	50.94 1.48 0.00	61.15 1.78 0.00	59.03 2.00 0.28	51.36 1.82 -0.28	46.97 1.81 0.00	45.06 1.73 0.00	43.32 1.87 0.00	42.65 1.91 0.00	40.21 1.91 -0.05	41.82 1.99 0.00	46.02 2.07 0.00	68.50 2.93 -5.75	75.50 2.70 -6.94	61.15 1.78 0.00	47.22 1.37 0.00	43.32 1.26 0.00	39.34 1.18 0.00	35.18 0.93 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.09 1.86 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.49 2.03 0.00	61.98 2.61 0.00	60.00 2.69 0.00	51.92 2.66 0.00	47.69 2.53 0.00	45.88 2.56 0.00	44.23 2.78 0.00	43.50 2.77 0.00	41.14 2.75 -0.14	42.65 2.83 0.00	46.64 2.68 0.00	64.20 3.59 -0.79	70.04 3.23 -0.95	61.68 2.32 0.00	47.59 1.74 0.00	43.91 1.85 0.00	39.83 1.68 0.00	35.55 1.30 0.00
N.QUEENS_27_KV_LOAD 356247	43.59 2.35 0.00	40.08 2.09 -0.01	36.58 1.81 -0.01	36.61 1.84 -0.01	37.05 1.90 -0.01	39.89 2.01 0.00	51.24 1.78 0.00	61.86 2.49 0.00	60.06 2.75 0.00	52.02 2.76 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.31 0.00	46.81 2.86 0.00	64.22 3.53 -0.87	69.87 2.96 -1.05	61.33 1.96 0.00	47.40 1.56 0.00	44.07 2.02 0.00	40.21 2.06 0.01	35.79 1.54 0.01
N.TROY___115KV_TB1 355778	42.27 1.03 0.00	38.93 0.95 0.00	35.63 0.87 0.00	35.66 0.90 0.00	36.09 0.95 0.00	38.94 1.06 0.00	50.94 1.48 0.00	61.21 1.84 0.00	59.25 1.95 0.00	50.89 1.63 0.00	46.69 1.54 0.00	44.67 1.34 0.00	42.82 1.37 0.00	42.12 1.38 0.00	39.61 1.34 -0.03	41.30 1.47 0.00	45.54 1.58 0.00	71.98 2.51 -9.64	80.07 2.57 -11.63	61.21 1.84 0.00	47.26 1.42 0.00	43.23 1.18 0.00	39.22 1.07 0.00	35.08 0.82 0.00
NARROWS_GT1_1 24228	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT1_2 24229	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT1_3 24230	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT1_4 24231	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT1_5 24232	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01

NARROWS_GT1_6 24233	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT1_7 24234	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT1_8 24235	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_1 24236	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_2 24237	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_3 24238	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_4 24239	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_5 24240	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_6 24241	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_7 24242	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NARROWS_GT2_8 24243	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.19 0.95 0.00	38.82 0.84 0.00	35.52 0.76 0.00	35.52 0.76 0.00	35.92 0.77 0.00	38.83 0.95 0.00	50.60 1.14 0.00	60.79 1.42 0.00	58.80 1.49 0.00	50.10 0.84 0.00	46.02 0.86 0.00	43.93 0.61 0.00	42.03 0.58 0.00	41.30 0.57 0.00	38.86 0.57 -0.03	40.58 0.76 0.00	44.83 0.88 0.00	52.24 2.33 9.91	56.54 2.63 11.96	60.79 1.42 0.00	46.94 1.10 0.00	42.98 0.93 0.00	39.07 0.92 0.00	34.94 0.69 0.00
NCHELSEA_115KV_TR2 355582	43.34 2.10 0.00	39.92 1.94 0.00	36.46 1.70 0.00	36.50 1.74 0.00	36.94 1.79 0.00	39.85 1.97 0.00	51.78 2.32 0.00	62.40 3.03 0.00	60.46 3.15 0.00	52.17 2.91 0.00	47.82 2.66 0.00	45.97 2.64 0.00	44.27 2.82 0.00	43.50 2.77 0.00	41.06 2.72 -0.10	42.61 2.79 0.00	46.68 2.73 0.00	64.29 3.83 -0.64	70.26 3.62 -0.77	62.04 2.67 0.00	47.81 1.97 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.62 1.37 0.00
NEG CAPITAL___MECHNVIL 23645	42.81 1.57 0.00	39.42 1.44 0.00	36.05 1.29 0.00	36.08 1.32 0.00	36.51 1.37 0.00	39.44 1.55 0.00	51.63 2.17 0.00	61.92 2.55 0.00	59.89 2.58 0.00	51.18 1.92 0.00	46.92 1.76 0.00	44.80 1.47 0.00	42.82 1.37 0.00	42.07 1.34 0.00	39.57 1.30 -0.03	41.26 1.43 0.00	45.67 1.71 0.00	69.61 2.75 -7.04	77.39 3.03 -8.50	61.74 2.38 0.00	47.68 1.84 0.00	43.61 1.56 0.00	39.53 1.37 0.00	35.32 1.06 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.04 -1.20 0.00	36.73 -1.25 0.00	33.58 -1.18 0.00	33.65 -1.11 0.00	33.91 -1.23 0.00	36.37 -1.52 0.00	47.43 -2.03 0.00	56.40 -2.97 0.00	54.21 -3.10 0.00	46.65 -2.61 0.00	42.76 -2.39 0.00	41.25 -2.08 0.00	39.34 -2.11 0.00	38.82 -1.91 0.00	36.45 -1.80 0.00	37.91 -1.91 0.00	41.85 -2.11 0.00	56.47 -3.35 0.00	63.10 -2.76 0.00	57.82 -1.54 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.32 -0.84 0.00	33.88 -0.38 0.00



NEG CENTRAL___DRP 24199	41.11 -0.12 0.00	37.90 -0.08 0.00	34.66 -0.10 0.00	34.69 -0.07 0.00	35.04 -0.11 0.00	37.73 -0.15 0.00	49.31 -0.15 0.00	58.83 -0.53 0.00	56.39 -0.92 0.00	48.47 -0.79 0.00	44.35 -0.81 0.00	42.59 -0.74 0.00	40.79 -0.66 0.00	40.08 -0.65 0.00	37.67 -0.57 0.00	39.31 -0.52 0.00	43.56 -0.40 0.00	58.98 -0.84 0.00	65.73 -0.13 0.00	59.78 0.42 0.00	45.98 0.14 0.00	41.97 -0.08 0.00	38.23 0.08 0.00	34.56 0.31 0.00
NEG CENTRAL___INDECK 23768	41.86 0.62 0.00	38.36 0.38 0.00	35.07 0.31 0.00	35.14 0.38 0.00	35.39 0.25 0.00	37.92 0.04 0.00	49.56 0.10 0.00	58.83 -0.54 0.00	55.70 -1.60 0.00	47.53 -1.73 0.00	43.35 -1.81 0.00	41.81 -1.52 0.00	39.75 -1.70 0.00	39.35 -1.39 0.00	37.00 -1.23 0.02	38.71 -1.11 0.00	42.95 -1.01 0.00	58.33 -1.49 0.00	65.99 0.13 0.00	60.79 1.42 0.00	46.76 0.92 0.00	42.85 0.80 0.00	39.11 0.95 0.00	35.59 1.33 0.00
NEG CENTRAL___SENECA 23627	41.16 -0.08 0.00	37.98 0.00 0.00	34.76 0.00 0.00	34.76 0.00 0.00	35.11 -0.04 0.00	37.77 -0.11 0.00	49.31 -0.15 0.00	58.72 -0.65 0.00	56.10 -1.20 0.00	48.27 -0.99 0.00	44.12 -1.04 0.00	42.41 -0.91 0.00	40.66 -0.79 0.00	40.00 -0.73 0.00	37.58 -0.65 0.02	39.19 -0.64 0.00	43.47 -0.48 0.00	58.74 -1.08 0.00	65.73 -0.13 0.00	59.96 0.59 0.00	46.07 0.23 0.00	42.06 0.00 0.00	38.38 0.23 0.00	34.80 0.55 0.00
NEG CENTRAL___STATE_STREET 24147	41.16 -0.08 0.00	37.90 -0.08 0.00	34.66 -0.10 0.00	34.69 -0.07 0.00	35.04 -0.11 0.00	37.77 -0.11 0.00	49.41 -0.05 0.00	59.13 -0.24 0.00	56.85 -0.46 0.00	48.87 -0.39 0.00	44.66 -0.50 0.00	42.89 -0.43 0.00	40.95 -0.50 0.00	40.24 -0.49 0.00	37.83 -0.42 0.00	39.43 -0.40 0.00	43.78 -0.18 0.00	59.34 -0.48 0.00	65.93 0.07 0.00	59.78 0.42 0.00	45.98 0.14 0.00	42.06 0.00 0.00	38.19 0.04 0.00	34.36 0.10 0.00
NEG MILLWOOD___DRP 24198	43.47 2.23 0.00	40.11 2.13 0.00	36.60 1.84 0.00	36.67 1.91 0.00	37.08 1.93 0.00	40.04 2.16 0.00	52.03 2.57 0.00	62.69 3.32 0.00	60.74 3.44 0.00	52.46 3.20 0.00	48.05 2.89 0.00	46.18 2.86 0.00	44.48 3.03 0.00	43.71 2.97 0.00	41.25 2.91 -0.09	42.89 3.07 0.00	46.90 2.94 0.00	64.78 4.19 -0.77	70.68 3.89 -0.93	62.16 2.79 0.00	47.95 2.11 0.00	44.12 2.06 0.00	40.06 1.91 0.00	35.69 1.44 0.00
NEG NORTH_FLCN_SEA 23793	42.89 1.65 0.00	39.77 1.79 0.00	36.39 1.63 0.00	36.12 1.36 0.00	36.59 1.44 0.00	39.74 1.86 0.00	50.84 1.38 0.00	60.32 0.95 0.00	58.05 0.74 0.00	49.80 0.54 0.00	45.39 0.23 0.00	44.02 0.69 0.00	41.49 0.04 0.00	40.37 -0.37 0.00	37.44 -0.80 0.00	38.59 -1.23 0.00	42.46 -1.49 0.00	57.49 -2.33 0.00	64.87 -0.99 0.00	59.07 -0.30 0.00	46.07 0.23 0.00	42.86 0.80 0.00	38.73 0.57 0.00	34.94 0.69 0.00
NEG NORTH_KES_CHATEGAY 23792	42.23 0.99 0.00	39.04 1.06 0.00	35.77 1.01 0.00	35.52 0.76 0.00	35.95 0.81 0.00	38.98 1.10 0.00	50.55 1.09 0.00	60.44 1.07 0.00	58.11 0.80 0.00	49.85 0.59 0.00	45.48 0.32 0.00	43.76 0.43 0.00	41.41 -0.04 0.00	40.41 -0.33 0.00	37.60 -0.65 0.00	38.91 -0.92 0.00	42.86 -1.10 0.00	58.38 -1.44 0.00	65.53 -0.33 0.00	59.55 0.18 0.00	46.12 0.28 0.00	42.39 0.34 0.00	38.35 0.19 0.00	34.53 0.27 0.00
NEG NORTH___ALICE_FALLS 23915	42.93 1.69 0.00	39.77 1.79 0.00	36.39 1.63 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.74 1.86 0.00	51.19 1.73 0.00	60.85 1.48 0.00	58.51 1.20 0.00	50.15 0.89 0.00	45.70 0.54 0.00	44.19 0.87 0.00	41.66 0.21 0.00	40.57 -0.16 0.00	37.67 -0.57 0.00	38.87 -0.96 0.00	42.77 -1.19 0.00	58.14 -1.67 0.00	65.60 -0.26 0.00	59.84 0.47 0.00	46.53 0.69 0.00	42.98 0.93 0.00	38.80 0.65 0.00	34.97 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	42.93 1.69 0.00	39.77 1.79 0.00	36.39 1.63 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.74 1.86 0.00	51.19 1.73 0.00	60.85 1.48 0.00	58.51 1.20 0.00	50.15 0.89 0.00	45.70 0.54 0.00	44.19 0.87 0.00	41.66 0.21 0.00	40.57 -0.16 0.00	37.67 -0.57 0.00	38.87 -0.96 0.00	42.77 -1.19 0.00	58.14 -1.67 0.00	65.60 -0.26 0.00	59.84 0.47 0.00	46.53 0.69 0.00	42.98 0.93 0.00	38.80 0.65 0.00	34.97 0.72 0.00
NEG NORTH___PLATTSBURG 23628	42.93 1.69 0.00	39.77 1.79 0.00	36.29 1.53 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.74 1.86 0.00	52.33 2.87 0.00	62.75 3.38 0.00	60.23 2.92 0.00	51.72 2.46 0.00	47.10 1.94 0.00	44.97 1.65 0.00	42.40 0.95 0.00	41.30 0.57 0.00	38.36 0.12 0.00	39.59 -0.24 0.00	43.60 -0.35 0.00	60.06 0.24 0.00	67.05 1.19 0.00	61.15 1.78 0.00	47.22 1.37 0.00	42.98 0.92 0.00	38.80 0.65 0.00	34.97 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	40.21 -1.03 0.00	36.84 -1.14 0.00	33.82 -0.94 0.00	33.79 -0.97 0.00	33.98 -1.16 0.00	35.61 -2.27 0.00	46.44 -3.02 0.00	54.03 -5.34 0.00	51.06 -6.25 0.00	44.38 -4.88 0.00	40.78 -4.38 0.00	39.69 -3.64 0.00	37.97 -3.48 0.00	37.51 -3.22 0.00	35.44 -2.79 0.02	36.76 -3.07 0.00	41.10 -2.86 0.00	54.14 -5.68 0.00	60.86 -5.01 0.00	56.10 -3.27 0.00	43.55 -2.29 0.00	39.87 -2.19 0.00	36.93 -1.22 0.00	34.32 0.07 0.00
NEG WEST___LANCASTR 23811	39.71 -1.53 0.00	36.42 -1.56 0.00	33.51 -1.25 0.00	33.44 -1.32 0.00	33.67 -1.48 0.00	35.65 -2.24 0.00	46.69 -2.77 0.00	54.44 -4.93 0.00	51.35 -5.96 0.00	44.68 -4.58 0.00	41.00 -4.15 0.00	39.86 -3.47 0.00	38.22 -3.23 0.00	37.72 -3.01 0.00	35.59 -2.64 0.02	36.96 -2.87 0.00	41.27 -2.68 0.00	54.67 -5.14 0.00	61.32 -4.54 0.00	56.46 -2.91 0.00	43.73 -2.11 0.00	39.79 -2.27 0.00	36.59 -1.56 0.00	34.01 -0.24 0.00
NEG_PENN_ALLEGHNY 23528	41.40 0.17 0.00	38.09 0.11 0.00	34.86 0.10 0.00	34.93 0.17 0.00	35.29 0.14 0.00	37.92 0.04 0.00	49.46 0.00 0.00	59.13 -0.24 0.00	56.79 -0.52 0.00	48.86 -0.40 0.00	44.75 -0.41 0.00	43.11 -0.22 0.00	41.20 -0.25 0.00	40.57 -0.16 0.00	38.10 -0.11 0.03	39.75 -0.08 0.00	43.91 -0.04 0.00	59.52 -0.30 0.00	65.86 0.00 0.00	59.73 0.36 0.00	46.07 0.23 0.00	42.23 0.17 0.00	38.39 0.23 0.00	34.70 0.44 0.00
NEG___GEN_MONROE 24207	40.99 -0.25 0.00	37.60 -0.38 0.00	34.45 -0.31 0.00	34.38 -0.38 0.00	34.65 -0.49 0.00	36.97 -0.91 0.00	48.37 -1.09 0.00	56.99 -2.37 0.00	54.44 -2.87 0.00	47.04 -2.22 0.00	43.13 -2.03 0.00	41.64 -1.69 0.00	39.79 -1.66 0.00	39.23 -1.51 0.00	36.91 -1.34 0.00	38.35 -1.47 0.00	42.68 -1.27 0.00	57.01 -2.81 0.00	63.95 -1.91 0.00	58.71 -0.65 0.00	45.20 -0.64 0.00	41.38 -0.67 0.00	37.93 -0.23 0.00	34.73 0.48 0.00
NEPA___ENERGY 23901	40.33 -0.91 0.00	37.03 -0.95 0.00	34.06 -0.70 0.00	34.03 -0.73 0.00	34.27 -0.88 0.00	36.29 -1.59 0.00	47.53 -1.93 0.00	55.45 -3.92 0.00	52.26 -5.04 0.00	45.52 -3.74 0.00	41.77 -3.39 0.00	40.64 -2.69 0.00	38.96 -2.49 0.00	38.45 -2.28 0.00	36.32 -1.91 0.02	37.71 -2.11 0.00	42.11 -1.85 0.00	55.87 -3.95 0.00	62.63 -3.23 0.00	57.59 -1.78 0.00	44.56 -1.28 0.00	40.54 -1.51 0.00	37.24 -0.92 0.00	34.60 0.34 0.00

NEVERSINK___HYD 23608	43.30 2.06 0.00	39.84 1.86 0.00	36.39 1.63 0.00	36.43 1.67 0.00	36.87 1.72 0.00	39.81 1.93 0.00	51.78 2.33 0.00	62.34 2.97 0.00	60.23 2.92 0.00	51.82 2.56 0.00	47.37 2.21 0.00	45.53 2.21 0.00	43.90 2.44 0.00	43.14 2.40 0.00	40.56 2.33 0.02	42.30 2.47 0.00	46.50 2.55 0.00	63.17 3.35 0.00	69.15 3.29 0.00	61.92 2.55 0.00	47.72 1.88 0.00	43.99 1.94 0.00	39.83 1.68 0.00	35.55 1.30 0.00
NEWKRMKL_115KV_TB1 55635	41.49 0.25 0.00	38.21 0.23 0.00	35.00 0.24 0.00	35.04 0.28 0.00	35.39 0.25 0.00	38.22 0.34 0.00	49.85 0.40 0.00	59.96 0.59 0.00	58.17 0.86 0.00	49.90 0.64 0.00	45.93 0.77 0.00	43.93 0.61 0.00	42.07 0.62 0.00	41.38 0.65 0.00	39.00 0.73 -0.03	40.58 0.76 0.00	44.70 0.75 0.00	59.72 1.32 1.42	65.27 1.12 1.71	59.90 0.53 0.00	46.30 0.46 0.00	42.43 0.38 0.00	38.50 0.34 0.00	34.56 0.31 0.00
NEWTON___FALLS_HYD 23847	42.10 0.87 0.00	38.82 0.84 0.00	35.59 0.83 0.00	35.32 0.56 0.00	35.74 0.60 0.00	38.79 0.91 0.00	50.84 1.38 0.00	61.09 1.72 0.00	58.68 1.38 0.00	49.95 0.69 0.00	45.48 0.32 0.00	43.63 0.30 0.00	41.49 0.04 0.00	40.65 -0.08 0.00	37.94 -0.31 0.00	39.47 -0.36 0.00	43.43 -0.53 0.00	59.52 -0.30 0.00	66.06 0.20 0.00	60.32 0.95 0.00	46.53 0.69 0.00	42.73 0.67 0.00	38.65 0.50 0.00	34.70 0.45 0.00
NGRID_A1_DSASP 323792	39.14 -2.10 0.00	35.85 -2.13 0.00	32.78 -1.98 0.00	32.92 -1.84 0.00	33.07 -2.07 0.00	35.23 -2.65 0.00	44.96 -4.50 0.00	52.66 -6.71 0.00	50.08 -7.22 0.00	43.40 -5.86 0.00	39.97 -5.19 0.00	38.95 -4.37 0.00	37.18 -4.27 0.00	36.90 -3.83 0.00	34.86 -3.37 0.02	36.08 -3.75 0.00	39.69 -4.26 0.00	52.88 -6.94 0.00	59.14 -6.72 0.00	54.68 -4.69 0.00	42.59 -3.25 0.00	39.07 -2.99 0.00	36.36 -1.79 0.00	34.18 -0.07 0.00
NGRID_A2_DSASP 323793	39.14 -2.10 0.00	35.85 -2.13 0.00	32.78 -1.98 0.00	32.92 -1.84 0.00	33.07 -2.07 0.00	35.23 -2.65 0.00	44.96 -4.50 0.00	52.66 -6.71 0.00	50.08 -7.22 0.00	43.40 -5.86 0.00	39.97 -5.19 0.00	38.95 -4.37 0.00	37.18 -4.27 0.00	36.90 -3.83 0.00	34.86 -3.37 0.02	36.08 -3.75 0.00	39.69 -4.26 0.00	52.88 -6.94 0.00	59.14 -6.72 0.00	54.68 -4.69 0.00	42.59 -3.25 0.00	39.07 -2.99 0.00	36.36 -1.79 0.00	34.18 -0.07 0.00
NGRID_A4_DSASP 323807	39.14 -2.10 0.00	35.85 -2.13 0.00	32.78 -1.98 0.00	32.92 -1.84 0.00	33.07 -2.07 0.00	35.23 -2.65 0.00	44.96 -4.50 0.00	52.66 -6.71 0.00	50.08 -7.22 0.00	43.40 -5.86 0.00	39.97 -5.19 0.00	38.95 -4.37 0.00	37.18 -4.27 0.00	36.90 -3.83 0.00	34.86 -3.37 0.02	36.08 -3.75 0.00	39.69 -4.26 0.00	52.88 -6.94 0.00	59.14 -6.72 0.00	54.68 -4.69 0.00	42.59 -3.25 0.00	39.07 -2.99 0.00	36.36 -1.79 0.00	34.18 -0.07 0.00
NIAGARA_115E_LBMP 323715	39.79 -1.44 0.00	36.46 -1.52 0.00	33.33 -1.43 0.00	33.47 -1.29 0.00	33.63 -1.51 0.00	34.93 -2.95 0.00	45.01 -4.45 0.00	52.72 -6.65 0.00	50.14 -7.17 0.00	43.40 -5.86 0.00	39.97 -5.19 0.00	38.95 -4.37 0.00	37.14 -4.31 0.00	36.86 -3.87 0.00	34.83 -3.40 0.02	36.08 -3.75 0.00	39.69 -4.26 0.00	52.88 -6.94 0.00	59.21 -6.65 0.00	54.74 -4.63 0.00	42.63 -3.21 0.00	39.19 -2.86 0.00	36.40 -1.75 0.00	33.77 -0.48 0.00
NIAGARA_115W_LBMP 323714	39.01 -2.23 0.00	35.78 -2.20 0.00	32.71 -2.05 0.00	32.85 -1.91 0.00	33.00 -2.14 0.00	35.19 -2.69 0.00	44.86 -4.60 0.00	52.54 -6.83 0.00	49.97 -7.34 0.00	43.30 -5.96 0.00	39.88 -5.28 0.00	38.86 -4.46 0.00	37.10 -4.35 0.00	36.82 -3.91 0.00	34.79 -3.44 0.02	36.00 -3.82 0.00	39.60 -4.35 0.00	52.76 -7.06 0.00	58.95 -6.91 0.00	54.56 -4.81 0.00	42.50 -3.34 0.00	38.99 -3.07 0.00	36.25 -1.91 0.00	34.15 -0.10 0.00
NIAGARA_230_LBMP 323716	39.63 -1.61 0.00	36.27 -1.71 0.00	33.20 -1.56 0.00	33.30 -1.46 0.00	33.49 -1.65 0.00	35.38 -2.50 0.00	45.55 -3.91 0.00	53.43 -5.94 0.00	50.83 -6.48 0.00	44.04 -5.22 0.00	40.51 -4.65 0.00	39.47 -3.86 0.00	37.68 -3.77 0.00	37.39 -3.34 0.00	35.32 -2.91 0.02	36.56 -3.26 0.00	40.26 -3.69 0.00	53.66 -6.16 0.00	60.00 -5.86 0.00	55.39 -3.98 0.00	43.14 -2.70 0.00	39.57 -2.48 0.00	36.78 -1.37 0.00	34.15 -0.10 0.00
NIAGARA___115KV_198_GIBSON 55903	39.26 -1.98 0.00	36.01 -1.97 0.00	33.09 -1.67 0.00	33.02 -1.74 0.00	33.25 -1.90 0.00	35.38 -2.50 0.00	45.60 -3.86 0.00	52.96 -6.41 0.00	50.14 -7.16 0.00	43.64 -5.62 0.00	40.15 -5.01 0.00	39.08 -4.25 0.00	37.43 -4.02 0.00	36.99 -3.75 0.00	34.98 -3.25 0.02	36.24 -3.58 0.00	40.53 -3.43 0.00	53.24 -6.58 0.00	59.67 -6.19 0.00	54.97 -4.39 0.00	42.77 -3.07 0.00	39.03 -3.03 0.00	36.25 -1.91 0.00	34.25 0.00 0.00
NIAGARA____ 23760	39.63 -1.61 0.00	36.27 -1.71 0.00	33.20 -1.56 0.00	33.30 -1.46 0.00	33.49 -1.65 0.00	35.38 -2.50 0.00	45.55 -3.91 0.00	53.43 -5.94 0.00	50.83 -6.48 0.00	44.04 -5.22 0.00	40.51 -4.65 0.00	39.47 -3.86 0.00	37.68 -3.77 0.00	37.39 -3.34 0.00	35.32 -2.91 0.02	36.56 -3.26 0.00	40.26 -3.69 0.00	53.66 -6.16 0.00	60.00 -5.86 0.00	55.39 -3.98 0.00	43.14 -2.70 0.00	39.57 -2.48 0.00	36.78 -1.37 0.00	34.15 -0.10 0.00
NINE_MILE_1 23575	40.00 -1.24 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.92 -1.53 0.00	57.47 -1.90 0.00	55.47 -1.84 0.00	47.68 -1.58 0.00	43.67 -1.49 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.43 -1.31 0.00	36.99 -1.26 0.00	38.55 -1.28 0.00	42.64 -1.32 0.00	57.85 -1.97 0.00	63.89 -1.97 0.00	57.70 -1.66 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00
NINE_MILE_2 23744	40.04 -1.20 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.92 -1.53 0.00	57.47 -1.90 0.00	55.47 -1.84 0.00	47.68 -1.58 0.00	43.67 -1.49 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.43 -1.31 0.00	37.02 -1.23 0.00	38.55 -1.28 0.00	42.64 -1.32 0.00	57.85 -1.97 0.00	63.89 -1.97 0.00	57.70 -1.66 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00
NM_CAPITAL___DRP 24208	41.65 0.41 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.34 0.45 0.00	50.00 0.54 0.00	60.14 0.77 0.00	58.34 1.03 0.00	50.10 0.84 0.00	46.11 0.95 0.00	44.10 0.78 0.00	42.28 0.83 0.00	41.59 0.86 0.00	39.19 0.92 -0.03	40.82 1.00 0.00	44.92 0.97 0.00	68.93 1.62 -7.49	76.28 1.38 -9.04	60.14 0.77 0.00	46.49 0.64 0.00	42.60 0.55 0.00	38.65 0.50 0.00	34.66 0.41 0.00
NM_CENTRAL___DRP 24181	40.74 -0.49 0.00	37.49 -0.49 0.00	34.31 -0.45 0.00	34.31 -0.45 0.00	34.69 -0.46 0.00	37.43 -0.45 0.00	48.82 -0.64 0.00	58.54 -0.83 0.00	56.45 -0.86 0.00	48.57 -0.69 0.00	44.48 -0.68 0.00	42.72 -0.61 0.00	40.83 -0.62 0.00	40.12 -0.61 0.00	37.63 -0.61 0.00	39.23 -0.60 0.00	43.47 -0.48 0.00	58.92 -0.90 0.00	65.14 -0.72 0.00	58.89 -0.47 0.00	45.38 -0.46 0.00	41.55 -0.50 0.00	37.77 -0.38 0.00	33.94 -0.31 0.00

NM_FRONTIER___DRP 24179	39.26 -1.98 0.00	36.01 -1.97 0.00	33.09 -1.67 0.00	33.02 -1.74 0.00	33.25 -1.90 0.00	35.38 -2.50 0.00	45.60 -3.86 0.00	52.96 -6.41 0.00	50.14 -7.16 0.00	43.64 -5.62 0.00	40.15 -5.01 0.00	39.08 -4.25 0.00	37.43 -4.02 0.00	36.99 -3.75 0.00	34.98 -3.25 0.02	36.24 -3.58 0.00	40.53 -3.43 0.00	53.24 -6.58 0.00	59.67 -6.19 0.00	54.97 -4.39 0.00	42.77 -3.07 0.00	39.03 -3.03 0.00	36.25 -1.91 0.00	34.25 0.00 0.00
NM_ST_REGIS___HYD 24053	42.35 1.11 0.00	39.12 1.14 0.00	35.87 1.11 0.00	35.56 0.80 0.00	35.99 0.84 0.00	39.06 1.17 0.00	51.09 1.63 0.00	61.27 1.90 0.00	58.80 1.49 0.00	50.29 1.03 0.00	45.88 0.72 0.00	44.06 0.74 0.00	41.78 0.33 0.00	40.90 0.16 0.00	38.13 -0.11 0.00	39.55 -0.28 0.00	43.47 -0.48 0.00	59.34 -0.48 0.00	66.06 0.20 0.00	60.32 0.95 0.00	46.67 0.83 0.00	42.86 0.80 0.00	38.77 0.61 0.00	34.84 0.58 0.00
NORTHPORT___1 23551	42.89 1.65 0.00	39.54 1.56 0.00	36.05 1.29 0.00	36.08 1.32 0.00	36.62 1.48 0.00	39.47 1.59 0.00	46.03 0.79 4.22	46.29 1.25 14.33	46.29 0.97 11.99	46.32 1.13 4.07	46.10 0.95 0.01	44.54 1.21 0.00	43.11 1.66 0.00	42.40 1.67 0.00	41.03 2.68 -0.11	41.97 2.15 0.00	45.18 1.23 0.01	62.47 1.86 -0.79	67.91 1.12 -0.93	59.53 0.24 0.08	44.48 -0.09 1.27	42.80 0.84 0.09	39.45 1.30 0.01	35.13 0.89 0.01
NORTHPORT___2 23552	43.26 2.02 0.00	39.88 1.90 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.94 1.79 0.00	39.81 1.93 0.00	46.63 1.38 4.22	47.00 1.96 14.33	46.98 1.66 11.99	46.81 1.62 4.07	46.41 1.26 0.01	44.80 1.47 0.00	43.36 1.91 0.00	42.61 1.87 0.00	41.11 2.76 -0.11	42.13 2.31 0.00	45.44 1.50 0.01	63.12 2.51 -0.79	68.63 1.84 -0.93	60.23 0.95 0.08	44.85 0.28 1.27	43.31 1.35 0.09	39.79 1.64 0.01	35.48 1.23 0.01
NORTHPORT___3 23553	42.56 0.53 -0.79	39.33 0.68 -0.67	35.77 0.52 -0.49	36.38 0.55 -1.07	36.37 0.70 -0.52	39.28 0.76 -0.64	44.59 -0.29 4.57	44.60 -0.12 14.65	45.65 0.46 12.11	45.84 0.69 4.11	46.51 1.35 0.00	44.93 1.60 0.00	43.44 1.99 0.00	42.69 1.96 0.00	41.18 2.83 -0.11	42.21 2.39 0.00	45.62 1.67 0.01	61.69 1.31 -0.56	66.97 0.52 -0.58	58.89 -0.18 0.30	44.66 0.09 1.28	41.53 -0.17 0.36	39.04 0.38 -0.51	34.82 0.14 -0.42
NORTHPORT___4 23650	42.56 0.53 -0.79	39.33 0.68 -0.67	35.77 0.52 -0.49	36.38 0.55 -1.07	36.37 0.70 -0.52	39.28 0.76 -0.64	44.59 -0.29 4.57	44.60 -0.12 14.65	45.65 0.46 12.11	45.84 0.69 4.11	46.51 1.35 0.00	44.93 1.60 0.00	43.44 1.99 0.00	42.69 1.96 0.00	41.18 2.83 -0.11	42.21 2.39 0.00	45.62 1.67 0.01	61.69 1.31 -0.56	66.97 0.52 -0.58	58.89 -0.18 0.30	44.66 0.09 1.28	41.53 -0.17 0.36	39.04 0.38 -0.51	34.82 0.14 -0.42
NORTHPORT___IC 23718	42.97 1.73 0.00	39.50 1.52 0.00	36.15 1.39 0.00	36.08 1.32 0.00	36.59 1.44 0.00	39.44 1.55 0.00	45.69 0.45 4.22	45.87 0.83 14.33	46.35 1.03 11.99	46.32 1.13 4.07	46.19 1.04 0.01	44.58 1.26 0.00	43.15 1.70 0.00	42.44 1.71 0.00	40.95 2.60 -0.11	41.82 1.99 0.00	45.05 1.10 0.01	62.59 1.97 -0.79	67.98 1.19 -0.93	59.58 0.30 0.08	44.57 0.00 1.27	42.59 0.63 0.09	39.45 1.30 0.01	35.10 0.86 0.01
NORTH___COUNTRY_ESR 323785	42.11 0.87 0.00	38.97 0.99 0.00	35.59 0.83 0.00	35.46 0.69 0.00	35.88 0.74 0.00	38.91 1.02 0.00	51.09 1.63 0.00	61.33 1.96 0.00	58.97 1.66 0.00	50.69 1.43 0.00	46.29 1.13 0.00	44.19 0.87 0.00	41.82 0.37 0.00	40.81 0.08 0.00	38.02 -0.23 0.00	39.31 -0.52 0.00	43.30 -0.66 0.00	59.40 -0.42 0.00	65.99 0.13 0.00	59.90 0.53 0.00	46.30 0.46 0.00	42.31 0.25 0.00	38.27 0.11 0.00	34.43 0.17 0.00
NPX_GEN_1385_PROXY 323591	43.26 2.02 0.00	39.88 1.90 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.94 1.79 0.00	39.81 1.93 0.00	46.63 1.38 4.22	47.00 1.96 14.33	46.70 1.66 12.27	47.09 1.62 3.79	46.41 1.26 0.01	44.80 1.47 0.00	43.36 1.91 0.00	42.61 1.87 0.00	41.11 2.76 -0.11	42.13 2.31 0.00	45.44 1.50 0.01	63.12 2.51 -0.79	68.63 1.84 -0.93	60.23 0.95 0.08	44.85 0.28 1.27	43.31 1.35 0.09	39.79 1.64 0.01	35.48 1.23 0.01
NPX_GEN_CSC 323557	26.66 0.87 15.45	25.78 0.87 13.08	25.74 0.66 9.67	14.57 0.73 20.92	25.77 0.84 10.22	26.20 0.91 12.59	25.70 0.15 23.91	31.54 0.47 28.30	42.36 0.51 15.46	45.10 0.69 4.85	45.80 0.77 0.12	44.36 1.04 0.00	42.94 1.49 0.00	42.08 1.39 0.04	40.61 2.26 -0.11	41.70 1.87 0.00	45.00 1.05 0.01	48.03 1.43 13.22	46.65 0.59 19.80	45.80 -0.18 13.39	44.09 -0.37 1.38	26.40 0.25 15.91	28.58 0.53 10.11	26.00 0.24 8.49
NSINS_S_GLNS_FALLS 23858	42.60 1.36 0.00	39.23 1.25 0.00	35.87 1.11 0.00	35.91 1.15 0.00	36.34 1.19 0.00	39.36 1.48 0.00	51.68 2.23 0.00	61.98 2.61 0.00	59.94 2.64 0.00	50.98 1.72 0.00	46.65 1.49 0.00	44.36 1.04 0.00	42.32 0.87 0.00	41.51 0.77 0.00	39.00 0.73 -0.03	40.74 0.92 0.00	45.10 1.14 0.00	67.75 2.21 -5.72	75.46 2.70 -6.90	61.50 2.14 0.00	47.45 1.60 0.00	43.36 1.30 0.00	39.22 1.07 0.00	34.97 0.72 0.00
NUCOR_STEEL___DRP 24197	41.24 0.00 0.00	37.94 -0.04 0.00	34.69 -0.07 0.00	34.73 -0.03 0.00	35.07 -0.07 0.00	37.81 -0.08 0.00	49.41 -0.05 0.00	59.13 -0.24 0.00	56.90 -0.40 0.00	48.91 -0.34 0.00	44.75 -0.41 0.00	42.93 -0.39 0.00	40.99 -0.46 0.00	40.33 -0.41 0.00	37.86 -0.38 0.00	39.47 -0.36 0.00	43.78 -0.18 0.00	59.40 -0.42 0.00	65.93 0.07 0.00	59.72 0.36 0.00	45.98 0.14 0.00	42.06 0.00 0.00	38.23 0.08 0.00	34.39 0.14 0.00
NUMBER_THREE_WT_PWR 323818	41.94 0.70 0.00	38.63 0.65 0.00	35.45 0.69 0.00	35.18 0.42 0.00	35.64 0.49 0.00	38.68 0.80 0.00	50.74 1.28 0.00	61.03 1.66 0.00	58.68 1.37 0.00	49.80 0.54 0.00	45.34 0.18 0.00	43.41 0.09 0.00	41.37 -0.08 0.00	40.61 -0.12 0.00	37.86 -0.38 0.00	39.55 -0.28 0.00	43.52 -0.44 0.00	59.88 0.06 0.00	66.19 0.33 0.00	60.44 1.07 0.00	46.48 0.64 0.00	42.69 0.63 0.00	38.46 0.30 0.00	34.49 0.24 0.00
NYISO_LBMP_REFERENCE 24008	41.24 0.00 0.00	37.98 0.00 0.00	34.76 0.00 0.00	34.76 0.00 0.00	35.14 0.00 0.00	37.88 0.00 0.00	49.46 0.00 0.00	59.37 0.00 0.00	57.31 0.00 0.00	49.26 0.00 0.00	45.16 0.00 0.00	43.32 0.00 0.00	41.45 0.00 0.00	40.73 0.00 0.00	38.25 0.00 0.00	39.83 0.00 0.00	43.95 0.00 0.00	59.82 0.00 0.00	65.86 0.00 0.00	59.37 0.00 0.00	45.84 0.00 0.00	42.06 0.00 0.00	38.16 0.00 0.00	34.25 0.00 0.00
NYPA_BRENTWD____GT 24164	41.82 2.18 1.61	38.63 2.01 1.36	35.49 1.74 1.01	34.32 1.74 2.18	36.01 1.93 1.06	38.66 2.08 1.31	45.00 1.68 6.14	46.48 2.31 15.20	47.39 1.89 11.81	47.22 1.97 4.01	47.22 2.08 0.02	45.49 2.17 0.00	43.98 2.53 0.00	43.17 2.44 0.00	41.60 3.25 -0.11	42.65 2.83 0.00	46.06 2.11 0.01	62.22 3.11 0.71	67.08 2.50 1.28	59.35 1.48 1.50	45.07 0.46 1.23	41.74 1.47 1.78	38.74 1.64 1.06	34.59 1.23 0.89

NYPA_GOWANUS____GT5 24156	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NYPA_GOWANUS____GT6 24157	43.63 2.39 0.00	40.34 2.36 -0.01	36.78 2.02 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.08 2.20 0.00	51.39 1.93 0.00	61.86 2.49 0.00	60.06 2.75 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.10 2.78 0.00	44.56 3.11 0.00	43.83 3.09 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.99 3.03 0.00	64.16 3.47 -0.87	69.88 2.97 -1.05	61.27 1.90 0.00	47.35 1.51 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.08 1.81 -0.01
NYPA_HARLEM__RVR__GT1 24160	43.55 2.31 0.00	40.04 2.05 -0.01	36.51 1.74 -0.01	36.57 1.81 -0.01	37.01 1.86 -0.01	39.81 1.93 0.01	51.08 1.63 0.01	61.62 2.26 0.01	59.82 2.52 0.01	51.81 2.56 0.01	47.59 2.44 0.01	46.00 2.69 0.01	44.51 3.07 0.01	43.74 3.01 0.01	41.52 3.17 -0.10	43.00 3.19 0.01	46.80 2.86 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	47.21 1.37 0.01	43.98 1.94 0.01	40.13 1.98 0.01	35.82 1.58 0.01
NYPA_HARLEM__RVR__GT2 24161	43.55 2.31 0.00	40.04 2.05 -0.01	36.51 1.74 -0.01	36.57 1.81 -0.01	37.01 1.86 -0.01	39.81 1.93 0.01	51.08 1.63 0.01	61.62 2.26 0.01	59.82 2.52 0.01	51.81 2.56 0.01	47.59 2.44 0.01	46.00 2.69 0.01	44.51 3.07 0.01	43.74 3.01 0.01	41.52 3.17 -0.10	43.00 3.19 0.01	46.80 2.86 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	47.21 1.37 0.01	43.98 1.94 0.01	40.13 1.98 0.01	35.82 1.58 0.01
NYPA_KENT____GT 24152	43.59 2.35 0.00	40.27 2.28 -0.01	36.71 1.95 -0.01	36.78 2.02 -0.01	37.26 2.11 -0.01	40.04 2.16 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.82 2.66 0.00	46.18 2.86 0.00	44.64 3.19 0.00	43.87 3.14 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	47.03 3.08 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.45 1.60 0.00	44.24 2.19 0.00	40.41 2.25 -0.01	36.01 1.75 -0.01
NYPA_POUCH1____GT 24155	43.59 2.35 0.00	40.34 2.36 -0.01	36.82 2.05 -0.01	36.89 2.12 -0.01	37.33 2.18 -0.01	40.08 2.20 0.00	51.24 1.78 0.00	61.62 2.26 0.00	59.77 2.46 0.00	51.77 2.51 0.00	47.55 2.39 0.00	45.92 2.60 0.00	44.39 2.94 0.00	43.63 2.89 0.00	41.49 3.14 -0.11	43.05 3.22 0.00	46.77 2.82 0.00	63.92 3.23 -0.87	69.61 2.70 -1.05	61.03 1.66 0.00	47.17 1.33 0.00	44.33 2.27 0.00	40.53 2.37 -0.01	36.11 1.85 -0.01
NYPA_VERNON____GT2 24162	43.55 2.31 0.00	40.19 2.20 -0.01	36.68 1.91 -0.01	36.75 1.98 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.44 1.98 0.00	62.04 2.67 0.00	60.17 2.86 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.23 2.90 0.00	44.69 3.24 0.00	43.91 3.18 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	47.03 3.08 0.00	64.34 3.65 -0.87	70.01 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.20 2.14 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
NYPA_VERNON____GT3 24163	43.55 2.31 0.00	40.19 2.20 -0.01	36.68 1.91 -0.01	36.75 1.98 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.44 1.98 0.00	62.04 2.67 0.00	60.17 2.86 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.23 2.90 0.00	44.69 3.24 0.00	43.91 3.18 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	47.03 3.08 0.00	64.34 3.65 -0.87	70.01 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.20 2.14 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
NYPA____ASTORIA_CC1 323568	43.51 2.27 0.00	40.19 2.20 -0.01	36.64 1.88 -0.01	36.71 1.95 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.34 1.88 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.82 2.66 0.00	46.18 2.86 0.00	44.64 3.19 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.30 0.00	46.99 3.03 0.00	64.22 3.53 -0.87	69.94 3.03 -1.05	61.32 1.96 0.00	47.45 1.60 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
NYPA____ASTORIA_CC2 323569	43.51 2.27 0.00	40.19 2.20 -0.01	36.64 1.88 -0.01	36.71 1.95 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.34 1.88 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.02 2.76 0.00	47.82 2.66 0.00	46.18 2.86 0.00	44.64 3.19 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.13 3.30 0.00	46.99 3.03 0.00	64.22 3.53 -0.87	69.94 3.03 -1.05	61.32 1.96 0.00	47.45 1.60 0.00	44.16 2.10 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
NYPA____HOLTSVILL 23794	27.01 1.24 15.47	26.10 1.22 13.09	26.05 0.97 9.69	14.82 1.01 20.95	26.07 1.16 10.23	26.53 1.25 12.60	26.12 0.60 23.94	31.97 0.95 28.35	43.07 0.97 15.21	45.20 1.08 5.14	46.12 1.08 0.12	44.67 1.34 0.00	43.23 1.78 0.00	42.36 1.67 0.04	40.92 2.56 -0.11	42.01 2.19 0.00	45.31 1.36 0.01	48.38 1.79 13.24	47.10 1.05 19.82	46.21 0.24 13.40	44.46 0.00 1.39	26.76 0.63 15.92	28.99 0.95 10.12	26.33 0.58 8.50
NYPA____HELLGATE_GT1 24158	43.55 2.31 0.00	40.04 2.05 -0.01	36.51 1.74 -0.01	36.57 1.81 -0.01	37.01 1.86 -0.01	39.81 1.93 0.01	51.08 1.63 0.01	61.62 2.26 0.01	59.82 2.52 0.01	51.81 2.56 0.01	47.63 2.48 0.01	46.00 2.69 0.01	44.51 3.07 0.01	43.74 3.01 0.01	41.52 3.17 -0.10	43.00 3.19 0.01	46.80 2.86 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	47.21 1.37 0.01	43.98 1.94 0.01	40.13 1.98 0.01	35.82 1.58 0.01
NYPA____HELLGATE_GT2 24159	43.55 2.31 0.00	40.04 2.05 -0.01	36.51 1.74 -0.01	36.57 1.81 -0.01	37.01 1.86 -0.01	39.81 1.93 0.01	51.08 1.63 0.01	61.62 2.26 0.01	59.82 2.52 0.01	51.81 2.56 0.01	47.63 2.48 0.01	46.00 2.69 0.01	44.51 3.07 0.01	43.74 3.01 0.01	41.52 3.17 -0.10	43.00 3.19 0.01	46.80 2.86 0.01	63.97 3.29 -0.86	69.60 2.70 -1.04	61.08 1.72 0.01	47.21 1.37 0.01	43.98 1.94 0.01	40.13 1.98 0.01	35.82 1.58 0.01
NYS_BARGE__HYD 23848	39.96 -1.28 0.00	36.61 -1.37 0.00	33.47 -1.29 0.00	33.58 -1.18 0.00	33.77 -1.37 0.00	35.31 -2.58 0.00	45.60 -3.86 0.00	53.49 -5.88 0.00	50.89 -6.42 0.00	43.99 -5.27 0.00	40.46 -4.70 0.00	39.38 -3.94 0.00	37.55 -3.90 0.00	37.27 -3.46 0.00	35.21 -3.02 0.02	36.44 -3.39 0.00	40.13 -3.82 0.00	53.54 -6.28 0.00	60.00 -5.86 0.00	55.57 -3.80 0.00	43.18 -2.66 0.00	39.83 -2.23 0.00	36.93 -1.22 0.00	34.22 -0.03 0.00
OAK_ORCHARD__HYD 24046	40.70 -0.54 0.00	37.33 -0.65 0.00	34.10 -0.66 0.00	34.17 -0.59 0.00	34.44 -0.70 0.00	36.86 -1.02 0.00	47.98 -1.48 0.00	56.99 -2.38 0.00	54.67 -2.64 0.00	47.09 -2.17 0.00	43.17 -1.99 0.00	41.72 -1.60 0.00	39.79 -1.66 0.00	39.31 -1.43 0.00	36.95 -1.30 0.00	38.39 -1.43 0.00	42.37 -1.58 0.00	57.07 -2.75 0.00	63.75 -2.11 0.00	58.54 -0.83 0.00	45.16 -0.69 0.00	41.43 -0.63 0.00	37.93 -0.23 0.00	34.53 0.27 0.00

OAKDALE___35_KV_LOAD 356122	41.28 0.04 0.00	37.98 0.00 0.00	34.79 0.03 0.00	34.83 0.07 0.00	35.18 0.04 0.00	37.81 -0.08 0.00	49.36 -0.10 0.00	58.95 -0.42 0.00	56.50 -0.80 0.00	48.77 -0.49 0.00	44.66 -0.50 0.00	42.93 -0.39 0.00	41.12 -0.33 0.00	40.45 -0.29 0.00	38.02 -0.19 0.03	39.67 -0.16 0.00	43.91 -0.04 0.00	59.46 -0.36 0.00	65.73 -0.13 0.00	59.55 0.18 0.00	45.94 0.09 0.00	42.06 0.00 0.00	38.23 0.08 0.00	34.56 0.31 0.00
OCC_CHEM___DRP 24175	39.38 -1.86 0.00	36.08 -1.90 0.00	33.16 -1.60 0.00	33.09 -1.67 0.00	33.32 -1.83 0.00	35.46 -2.42 0.00	45.70 -3.76 0.00	53.08 -6.29 0.00	50.26 -7.05 0.00	43.79 -5.47 0.00	40.24 -4.92 0.00	39.17 -4.16 0.00	37.51 -3.94 0.00	37.07 -3.67 0.00	35.06 -3.17 0.02	36.36 -3.46 0.00	40.61 -3.34 0.00	53.36 -6.46 0.00	59.87 -5.99 0.00	55.09 -4.27 0.00	42.86 -2.98 0.00	39.11 -2.94 0.00	36.36 -1.79 0.00	34.29 0.03 0.00
OH_GEN_PROXY 24063	39.63 -1.61 0.00	33.85 -1.71 2.42	32.42 -1.56 0.78	29.93 -1.46 3.37	29.94 -1.65 3.55	35.08 -2.46 0.34	45.65 -3.81 0.00	53.55 -5.82 0.00	50.66 -6.36 0.28	44.42 -5.12 -0.28	40.60 -4.56 0.00	39.56 -3.77 0.00	37.76 -3.69 0.00	37.47 -3.26 0.00	35.40 -2.83 0.02	36.68 -3.15 0.00	40.40 -3.56 0.00	53.84 -5.98 0.00	60.13 -5.73 0.00	55.57 -3.80 0.00	43.23 -2.61 0.00	39.66 -2.40 0.00	36.78 -1.37 0.00	34.12 -0.14 0.00
OLIN_CORP_DRP 24177	40.08 -1.15 0.00	36.73 -1.25 0.00	33.75 -1.01 0.00	33.68 -1.08 0.00	33.91 -1.23 0.00	35.23 -2.65 0.00	45.90 -3.56 0.00	53.37 -6.00 0.00	50.49 -6.82 0.00	43.94 -5.32 0.00	40.37 -4.79 0.00	39.30 -4.03 0.00	37.64 -3.81 0.00	37.19 -3.54 0.00	35.13 -3.10 0.02	36.44 -3.39 0.00	40.75 -3.21 0.00	53.54 -6.28 0.00	60.13 -5.73 0.00	55.39 -3.98 0.00	43.05 -2.80 0.00	39.32 -2.73 0.00	36.48 -1.68 0.00	33.94 -0.31 0.00
OLIN_CORP_DSASP 323712	39.14 -2.10 0.00	35.85 -2.13 0.00	32.78 -1.98 0.00	32.92 -1.84 0.00	33.07 -2.07 0.00	35.23 -2.65 0.00	44.96 -4.50 0.00	52.66 -6.71 0.00	50.08 -7.22 0.00	43.40 -5.86 0.00	39.97 -5.19 0.00	38.95 -4.37 0.00	37.18 -4.27 0.00	36.90 -3.83 0.00	34.86 -3.37 0.02	36.08 -3.75 0.00	39.69 -4.26 0.00	52.88 -6.94 0.00	59.14 -6.72 0.00	54.68 -4.69 0.00	42.59 -3.25 0.00	39.07 -2.99 0.00	36.36 -1.79 0.00	34.18 -0.07 0.00
ONEIDA_HERK_LFGE 323681	41.98 0.74 0.00	38.63 0.65 0.00	35.42 0.66 0.00	35.28 0.52 0.00	35.70 0.56 0.00	38.64 0.76 0.00	50.60 1.14 0.00	60.85 1.32 0.00	58.63 1.32 0.00	49.95 0.69 0.00	45.56 0.41 0.00	43.67 0.34 0.00	41.70 0.25 0.00	40.94 0.20 0.00	38.28 0.04 0.00	39.99 0.16 0.00	44.13 0.18 0.00	60.42 0.60 0.00	66.78 0.92 0.00	60.62 1.25 0.00	46.71 0.87 0.00	42.81 0.76 0.00	38.69 0.53 0.00	34.70 0.44 0.00
ONEIDA___115KV_TB4 55905	42.02 0.78 0.00	38.70 0.72 0.00	35.46 0.70 0.00	35.39 0.63 0.00	35.78 0.63 0.00	38.68 0.80 0.00	50.65 1.19 0.00	60.79 1.42 0.00	58.57 1.26 0.00	50.05 0.79 0.00	45.66 0.50 0.00	43.76 0.43 0.00	41.78 0.33 0.00	41.06 0.33 0.00	38.48 0.23 0.00	40.18 0.36 0.00	44.48 0.53 0.00	60.66 0.84 0.00	67.18 1.32 0.00	60.97 1.60 0.00	46.90 1.05 0.00	42.90 0.84 0.00	38.88 0.72 0.00	34.90 0.65 0.00
ONONDAGA_REF_OCCRA 23987	40.91 -0.33 0.00	37.64 -0.34 0.00	34.45 -0.31 0.00	34.45 -0.31 0.00	34.83 -0.32 0.00	37.54 -0.34 0.00	49.06 -0.40 0.00	58.83 -0.53 0.00	56.68 -0.63 0.00	48.72 -0.54 0.00	44.62 -0.54 0.00	42.80 -0.52 0.00	40.95 -0.50 0.00	40.24 -0.49 0.00	37.75 -0.50 0.00	39.39 -0.44 0.00	43.60 -0.35 0.00	59.22 -0.60 0.00	65.47 -0.40 0.00	59.19 -0.18 0.00	45.61 -0.23 0.00	41.76 -0.29 0.00	37.93 -0.23 0.00	34.08 -0.17 0.00
ONONDAGA___COGEN 23986	40.95 -0.29 0.00	37.71 -0.27 0.00	34.48 -0.28 0.00	34.48 -0.28 0.00	34.86 -0.28 0.00	37.62 -0.27 0.00	49.11 -0.35 0.00	58.89 -0.47 0.00	56.79 -0.52 0.00	48.82 -0.44 0.00	44.71 -0.45 0.00	42.89 -0.43 0.00	40.99 -0.46 0.00	40.28 -0.45 0.00	37.79 -0.46 0.00	39.39 -0.44 0.00	43.65 -0.31 0.00	59.22 -0.60 0.00	65.53 -0.33 0.00	59.31 -0.06 0.00	45.66 -0.18 0.00	41.80 -0.25 0.00	37.96 -0.19 0.00	34.12 -0.14 0.00
ONTARIO___LFGE 23819	41.07 -0.16 0.00	37.90 -0.08 0.00	34.62 -0.14 0.00	34.73 -0.03 0.00	35.04 -0.11 0.00	37.70 -0.19 0.00	49.06 -0.40 0.00	58.54 -0.83 0.00	56.04 -1.26 0.00	48.08 -1.18 0.00	43.99 -1.17 0.00	42.33 -0.99 0.00	40.33 -1.12 0.00	39.92 -0.81 0.00	37.50 -0.73 0.02	39.11 -0.72 0.00	43.16 -0.79 0.00	58.56 -1.26 0.00	65.47 -0.39 0.00	59.73 0.36 0.00	45.98 0.14 0.00	42.01 -0.04 0.00	38.39 0.23 0.00	34.77 0.51 0.00
ORANGEVILLE_WT_PWR 323706	40.04 -1.20 0.00	36.76 -1.22 0.00	33.65 -1.11 0.00	33.75 -1.01 0.00	33.95 -1.20 0.00	35.99 -1.89 0.00	46.64 -2.82 0.00	54.92 -4.45 0.00	51.98 -5.33 0.00	44.78 -4.48 0.00	41.10 -4.06 0.00	39.86 -3.47 0.00	38.05 -3.40 0.00	37.72 -3.01 0.00	35.51 -2.71 0.02	36.88 -2.95 0.00	40.70 -3.25 0.00	54.86 -4.96 0.00	61.78 -4.08 0.00	56.93 -2.44 0.00	44.19 -1.65 0.00	40.46 -1.60 0.00	37.24 -0.92 0.00	34.36 0.10 0.00
ORANGEVILLE___ESR 323794	40.04 -1.20 0.00	36.76 -1.22 0.00	33.65 -1.11 0.00	33.75 -1.01 0.00	33.95 -1.20 0.00	35.99 -1.89 0.00	46.64 -2.82 0.00	54.92 -4.45 0.00	51.98 -5.33 0.00	44.78 -4.48 0.00	41.10 -4.06 0.00	39.86 -3.47 0.00	38.05 -3.40 0.00	37.72 -3.01 0.00	35.51 -2.71 0.02	36.88 -2.95 0.00	40.70 -3.25 0.00	54.86 -4.96 0.00	61.78 -4.08 0.00	56.93 -2.44 0.00	44.19 -1.65 0.00	40.46 -1.60 0.00	37.24 -0.92 0.00	34.36 0.10 0.00
OSWEGATCHIE___HYD 24044	42.11 0.87 0.00	38.81 0.83 0.00	35.56 0.80 0.00	35.31 0.55 0.00	35.74 0.60 0.00	38.79 0.91 0.00	50.99 1.53 0.00	61.27 1.90 0.00	58.79 1.49 0.00	50.10 0.84 0.00	45.66 0.50 0.00	43.71 0.39 0.00	41.58 0.12 0.00	40.73 0.00 0.00	38.02 -0.23 0.00	39.55 -0.28 0.00	43.52 -0.44 0.00	59.70 -0.12 0.00	66.19 0.33 0.00	60.44 1.07 0.00	46.62 0.78 0.00	42.81 0.76 0.00	38.65 0.49 0.00	34.70 0.44 0.00
OSWEGO___5 23606	40.29 -0.95 0.00	37.11 -0.87 0.00	33.93 -0.83 0.00	33.96 -0.80 0.00	34.34 -0.81 0.00	37.01 -0.87 0.00	48.27 -1.19 0.00	57.89 -1.48 0.00	55.82 -1.49 0.00	47.98 -1.28 0.00	43.99 -1.17 0.00	42.20 -1.13 0.00	40.33 -1.12 0.00	39.67 -1.06 0.00	37.25 -0.99 0.00	38.79 -1.04 0.00	42.95 -1.01 0.00	58.26 -1.56 0.00	64.35 -1.51 0.00	58.12 -1.25 0.00	44.83 -1.01 0.00	41.13 -0.93 0.00	37.35 -0.80 0.00	33.57 -0.68 0.00
OSWEGO___6 23613	40.29 -0.95 0.00	37.11 -0.87 0.00	33.93 -0.83 0.00	33.96 -0.80 0.00	34.34 -0.81 0.00	37.01 -0.87 0.00	48.27 -1.19 0.00	57.89 -1.48 0.00	55.82 -1.49 0.00	47.98 -1.28 0.00	43.99 -1.17 0.00	42.20 -1.13 0.00	40.33 -1.12 0.00	39.67 -1.06 0.00	37.25 -0.99 0.00	38.79 -1.04 0.00	42.95 -1.01 0.00	58.26 -1.56 0.00	64.35 -1.51 0.00	58.12 -1.25 0.00	44.83 -1.01 0.00	41.13 -0.93 0.00	37.35 -0.80 0.00	33.57 -0.68 0.00

OUTOKUMPU-AB___DRP 24206	40.25 -0.99 0.00	36.88 -1.10 0.00	33.89 -0.87 0.00	33.82 -0.94 0.00	34.02 -1.12 0.00	35.95 -1.93 0.00	46.79 -2.67 0.00	54.44 -4.93 0.00	51.52 -5.79 0.00	44.78 -4.48 0.00	41.19 -3.97 0.00	40.03 -3.29 0.00	38.30 -3.15 0.00	37.84 -2.89 0.00	35.74 -2.49 0.02	37.08 -2.75 0.00	41.41 -2.55 0.00	54.56 -5.26 0.00	61.32 -4.54 0.00	56.58 -2.79 0.00	43.92 -1.93 0.00	40.04 -2.02 0.00	37.09 -1.07 0.00	34.66 0.41 0.00
OXBOW___BTM 323836	39.59 -1.65 0.00	36.27 -1.71 0.00	33.20 -1.56 0.00	33.30 -1.46 0.00	33.46 -1.69 0.00	35.53 -2.35 0.00	45.55 -3.91 0.00	53.43 -5.94 0.00	50.77 -6.53 0.00	43.99 -5.27 0.00	40.46 -4.70 0.00	39.43 -3.90 0.00	37.64 -3.81 0.00	37.35 -3.38 0.00	35.25 -2.98 0.02	36.48 -3.35 0.00	40.17 -3.78 0.00	53.54 -6.28 0.00	59.93 -5.93 0.00	55.45 -3.92 0.00	43.18 -2.66 0.00	39.62 -2.44 0.00	36.78 -1.37 0.00	34.43 0.17 0.00
OXBOW___ 24026	39.88 -1.36 0.00	36.54 -1.44 0.00	33.58 -1.18 0.00	33.51 -1.25 0.00	33.70 -1.44 0.00	35.76 -2.12 0.00	46.34 -3.12 0.00	53.85 -5.52 0.00	50.95 -6.36 0.00	44.33 -4.93 0.00	40.78 -4.38 0.00	39.69 -3.64 0.00	37.97 -3.48 0.00	37.51 -3.22 0.00	35.44 -2.79 0.02	36.76 -3.07 0.00	41.10 -2.86 0.00	54.02 -5.80 0.00	60.66 -5.20 0.00	55.92 -3.44 0.00	43.46 -2.38 0.00	39.66 -2.40 0.00	36.78 -1.37 0.00	34.53 0.27 0.00
OXY_CHEM_DSASP 323612	39.38 -1.86 0.00	36.08 -1.90 0.00	33.16 -1.60 0.00	33.09 -1.67 0.00	33.32 -1.83 0.00	35.46 -2.42 0.00	45.70 -3.76 0.00	53.08 -6.29 0.00	50.26 -7.05 0.00	43.79 -5.47 0.00	40.24 -4.92 0.00	39.17 -4.16 0.00	37.51 -3.94 0.00	37.07 -3.67 0.00	35.06 -3.17 0.02	36.36 -3.46 0.00	40.61 -3.34 0.00	53.36 -6.46 0.00	59.87 -5.99 0.00	55.09 -4.27 0.00	42.86 -2.98 0.00	39.11 -2.94 0.00	36.36 -1.79 0.00	34.29 0.03 0.00
OZONE_PARK_ESR 323760	43.71 2.47 0.00	40.30 2.32 0.00	36.78 2.02 0.00	36.81 2.05 0.00	37.25 2.11 0.00	40.16 2.27 0.00	52.03 2.57 0.00	62.75 3.38 0.00	60.86 3.55 0.00	52.66 3.40 0.00	48.37 3.21 0.00	46.57 3.25 0.00	44.93 3.48 0.00	44.24 3.50 0.00	41.83 3.48 -0.11	43.37 3.54 0.00	47.30 3.34 0.00	65.11 4.43 -0.87	70.93 4.02 -1.05	62.34 2.97 0.00	48.14 2.29 0.00	44.45 2.40 0.00	40.41 2.25 0.00	36.00 1.75 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.38 -1.86 0.00	36.08 -1.90 0.00	33.16 -1.60 0.00	33.09 -1.67 0.00	33.32 -1.83 0.00	35.46 -2.42 0.00	45.70 -3.76 0.00	53.08 -6.29 0.00	50.26 -7.05 0.00	43.79 -5.47 0.00	40.24 -4.92 0.00	39.17 -4.16 0.00	37.51 -3.94 0.00	37.07 -3.67 0.00	35.06 -3.17 0.02	36.36 -3.46 0.00	40.61 -3.34 0.00	53.36 -6.46 0.00	59.87 -5.99 0.00	55.09 -4.27 0.00	42.86 -2.98 0.00	39.11 -2.94 0.00	36.36 -1.79 0.00	34.29 0.03 0.00
PACKARD__115KV_DUPONT_184 80571	39.38 -1.86 0.00	36.08 -1.90 0.00	33.16 -1.60 0.00	33.09 -1.67 0.00	33.32 -1.83 0.00	35.46 -2.42 0.00	45.70 -3.76 0.00	53.08 -6.29 0.00	50.26 -7.05 0.00	43.79 -5.47 0.00	40.24 -4.92 0.00	39.17 -4.16 0.00	37.51 -3.94 0.00	37.07 -3.67 0.00	35.06 -3.17 0.02	36.36 -3.46 0.00	40.61 -3.34 0.00	53.36 -6.46 0.00	59.87 -5.99 0.00	55.09 -4.27 0.00	42.86 -2.98 0.00	39.11 -2.94 0.00	36.36 -1.79 0.00	34.29 0.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.51 2.27 0.00	40.04 2.05 -0.01	36.54 1.77 -0.01	36.58 1.81 -0.01	37.01 1.86 -0.01	39.85 1.97 0.00	51.19 1.73 0.00	61.74 2.37 0.00	60.00 2.69 0.00	51.97 2.71 0.00	47.78 2.62 0.00	46.05 2.73 0.00	44.52 3.07 0.00	43.83 3.10 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.72 2.77 0.00	64.10 3.41 -0.87	69.74 2.83 -1.05	61.21 1.84 0.00	47.36 1.51 0.00	43.99 1.93 0.00	40.13 1.98 0.01	35.75 1.51 0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.96 2.72 0.00	40.49 2.51 -0.01	36.96 2.19 -0.01	36.99 2.22 -0.01	37.44 2.28 -0.01	40.27 2.39 0.00	51.73 2.28 0.00	62.40 3.03 0.00	60.57 3.27 0.00	52.41 3.15 0.00	48.19 3.03 0.00	46.44 3.12 0.00	44.89 3.44 0.00	44.20 3.46 0.00	41.87 3.52 -0.11	43.37 3.54 0.00	47.12 3.16 0.00	64.64 3.95 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.77 1.93 0.00	44.37 2.31 0.00	40.48 2.33 0.01	36.09 1.85 0.01
PATROON__115KV_TB1 80586	41.65 0.41 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.50 0.35 0.00	38.34 0.45 0.00	50.00 0.54 0.00	60.14 0.77 0.00	58.34 1.03 0.00	50.05 0.79 0.00	46.06 0.90 0.00	44.02 0.69 0.00	42.20 0.75 0.00	41.51 0.77 0.00	39.08 0.80 -0.03	40.70 0.88 0.00	44.79 0.84 0.00	64.21 1.50 -2.90	70.68 1.32 -3.50	60.08 0.71 0.00	46.44 0.60 0.00	42.56 0.50 0.00	38.61 0.46 0.00	34.63 0.38 0.00
PATTRSNVILLE___SOLAR 323815	42.44 1.20 0.00	39.08 1.10 0.00	35.77 1.01 0.00	35.77 1.01 0.00	36.20 1.05 0.00	39.10 1.21 0.00	51.19 1.73 0.00	61.39 2.02 0.00	58.97 1.66 0.00	50.05 0.79 0.00	45.70 0.54 0.00	43.63 0.31 0.00	41.70 0.25 0.00	40.94 0.20 0.00	38.54 0.27 -0.02	40.22 0.40 0.00	44.62 0.66 0.00	64.78 1.55 -3.41	72.08 2.11 -4.11	61.09 1.72 0.00	47.17 1.33 0.00	43.23 1.18 0.00	39.19 1.03 0.00	35.04 0.79 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.04 -1.20 0.00	36.69 -1.29 0.00	33.75 -1.01 0.00	33.68 -1.08 0.00	33.91 -1.23 0.00	35.84 -2.05 0.00	46.94 -2.52 0.00	54.74 -4.63 0.00	51.63 -5.67 0.00	44.88 -4.38 0.00	41.23 -3.93 0.00	40.12 -3.21 0.00	38.42 -3.03 0.00	37.92 -2.81 0.00	35.78 -2.45 0.02	37.16 -2.67 0.00	41.49 -2.46 0.00	54.91 -4.91 0.00	61.65 -4.22 0.00	56.81 -2.55 0.00	44.06 -1.79 0.00	40.04 -2.02 0.00	36.90 -1.26 0.00	34.29 0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.47 2.23 0.00	40.11 2.13 0.00	36.60 1.84 0.00	36.67 1.91 0.00	37.08 1.93 0.00	40.04 2.16 0.00	52.03 2.57 0.00	62.69 3.32 0.00	60.74 3.44 0.00	52.46 3.20 0.00	48.05 2.89 0.00	46.18 2.86 0.00	44.48 3.03 0.00	43.71 2.97 0.00	41.25 2.91 -0.09	42.89 3.07 0.00	46.90 2.94 0.00	64.78 4.19 -0.77	70.68 3.89 -0.93	62.16 2.79 0.00	47.95 2.11 0.00	44.12 2.06 0.00	40.06 1.91 0.00	35.69 1.44 0.00
PEEKSKILL___ 23653	43.10 1.86 0.00	39.77 1.79 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.44 1.98 0.00	61.92 2.55 0.00	59.94 2.64 0.00	51.77 2.51 0.00	47.60 2.44 0.00	45.84 2.51 0.00	44.19 2.74 0.00	43.46 2.73 0.00	41.12 2.76 -0.12	42.65 2.83 0.00	46.68 2.73 0.00	64.13 3.47 -0.84	69.98 3.10 -1.02	61.50 2.13 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.83 1.68 0.00	35.55 1.30 0.00
PGE MADISON___WINDPWR 24146	43.22 1.98 0.00	39.54 1.56 0.00	36.32 1.56 0.00	36.22 1.46 0.00	36.73 1.58 0.00	39.74 1.86 0.00	52.33 2.87 0.00	62.81 3.44 0.00	60.06 2.75 0.00	50.79 1.53 0.00	45.79 0.63 0.00	43.76 0.43 0.00	41.66 0.21 0.00	40.81 0.08 0.00	38.06 -0.15 0.03	40.14 0.32 0.00	44.79 0.84 0.00	61.49 1.67 0.00	69.02 3.16 0.00	63.40 4.04 0.00	48.64 2.80 0.00	44.29 2.23 0.00	40.10 1.95 0.00	36.10 1.85 0.00

PIERCEFIELD___HYD 23852	42.23 0.99 0.00	38.97 0.99 0.00	35.73 0.97 0.00	35.42 0.66 0.00	35.85 0.70 0.00	38.91 1.02 0.00	50.94 1.48 0.00	61.15 1.78 0.00	58.68 1.38 0.00	50.15 0.89 0.00	45.75 0.59 0.00	43.93 0.61 0.00	41.74 0.29 0.00	40.85 0.12 0.00	38.17 -0.08 0.00	39.59 -0.24 0.00	43.52 -0.44 0.00	59.40 -0.42 0.00	65.93 0.07 0.00	60.20 0.83 0.00	46.53 0.69 0.00	42.77 0.71 0.00	38.73 0.57 0.00	34.80 0.55 0.00
PINELAWN_CC_1 323563	42.20 1.69 0.73	38.96 1.59 0.62	35.62 1.32 0.46	35.12 1.35 0.99	36.17 1.51 0.48	38.92 1.63 0.60	46.19 1.24 4.51	48.27 1.78 12.88	48.76 1.83 10.38	47.56 1.82 3.53	47.13 1.98 0.01	45.45 2.12 0.00	43.94 2.49 0.00	43.13 2.40 0.00	41.45 3.10 -0.11	42.61 2.79 0.00	46.14 2.20 0.01	62.85 2.87 -0.16	68.16 2.30 0.01	59.99 1.30 0.68	45.53 0.78 1.09	42.47 1.22 0.81	38.97 1.30 0.48	34.77 0.93 0.41
PJM_GEN_HTTP_PROXY 323702	43.30 2.06 0.00	39.95 1.97 0.00	36.43 1.67 0.00	36.50 1.74 0.00	36.97 1.83 0.00	39.81 1.93 0.00	51.54 2.08 0.00	62.10 2.73 0.00	59.95 2.92 0.28	52.35 2.81 -0.28	47.87 2.71 0.00	46.10 2.78 0.00	44.52 3.07 0.00	43.75 3.01 0.00	41.45 3.10 -0.11	42.97 3.15 0.00	46.95 2.99 0.00	64.46 3.77 -0.87	70.20 3.29 -1.05	61.62 2.26 0.00	47.59 1.74 0.00	44.03 1.98 0.00	40.06 1.91 0.00	35.72 1.47 0.00
PJM_GEN_KEystone 24065	41.40 0.17 0.00	38.09 0.11 0.00	34.79 0.03 0.00	34.90 0.14 0.00	35.25 0.11 0.00	37.73 -0.15 0.00	48.96 -0.49 0.00	58.36 -1.01 0.00	55.71 -1.32 0.28	48.75 -0.79 -0.28	44.48 -0.68 0.00	43.07 -0.26 0.00	41.37 -0.08 0.00	40.81 0.08 0.00	38.58 0.27 -0.06	40.03 0.20 0.00	43.95 0.00 0.00	59.28 -0.54 0.00	65.27 -0.59 0.00	59.01 -0.35 0.00	45.66 -0.18 0.00	41.97 -0.08 0.00	38.31 0.15 0.00	34.77 0.51 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.47 1.24 0.00	39.20 1.22 0.00	35.73 0.97 0.00	35.80 1.04 0.00	36.30 1.16 0.00	39.10 1.21 0.00	45.94 0.94 4.46	45.30 1.37 15.43	45.61 1.55 13.24	46.76 1.62 4.12	46.87 1.72 0.01	45.28 1.95 0.00	43.73 2.28 0.00	42.93 2.20 0.00	41.11 2.76 -0.11	42.34 2.51 0.00	45.93 1.98 0.01	63.13 2.45 -0.86	68.67 1.78 -1.03	60.30 0.95 0.02	45.15 0.69 1.38	42.96 0.92 0.02	39.10 0.95 0.01	34.86 0.62 0.01
PJM_GEN_VFT_PROXY 323633	43.09 1.86 0.01	39.73 1.75 0.00	36.25 1.49 0.00	36.33 1.57 0.00	36.76 1.62 0.00	39.62 1.74 0.01	51.24 1.78 0.00	61.80 2.44 0.00	59.66 2.64 0.28	52.10 2.56 -0.28	47.60 2.44 0.00	45.88 2.56 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.30 2.95 -0.11	42.77 2.95 0.00	46.73 2.77 0.00	64.10 3.41 -0.87	69.80 2.89 -1.05	61.32 1.96 0.00	47.35 1.51 0.00	43.82 1.77 0.00	39.91 1.76 0.00	35.59 1.33 0.00
PLATSBURG_115KV_PMLD1 355749	42.89 1.65 0.00	39.73 1.75 0.00	36.36 1.60 0.00	36.12 1.36 0.00	36.55 1.41 0.00	39.70 1.82 0.00	50.89 1.43 0.00	60.50 1.13 0.00	58.22 0.92 0.00	49.95 0.69 0.00	45.52 0.36 0.00	44.06 0.74 0.00	41.53 0.08 0.00	40.41 -0.33 0.00	37.52 -0.73 0.00	38.67 -1.15 0.00	42.55 -1.41 0.00	57.67 -2.15 0.00	65.07 -0.79 0.00	59.25 -0.12 0.00	46.16 0.32 0.00	42.81 0.76 0.00	38.69 0.53 0.00	34.94 0.69 0.00
PLEASANTVLY___LBMP 24000	42.81 1.57 0.00	39.46 1.48 0.00	36.05 1.29 0.00	36.12 1.36 0.00	36.51 1.37 0.00	39.40 1.52 0.00	51.14 1.68 0.00	61.57 2.20 0.00	59.66 2.35 0.00	51.53 2.27 0.00	47.37 2.21 0.00	45.53 2.21 0.00	43.85 2.40 0.00	43.14 2.40 0.00	40.73 2.41 -0.08	42.29 2.47 0.00	46.28 2.33 0.00	63.98 3.17 -0.99	69.83 2.77 -1.20	61.27 1.90 0.00	47.31 1.47 0.00	43.61 1.56 0.00	39.64 1.49 0.00	35.38 1.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.18 1.94 0.00	39.80 1.82 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.58 2.13 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.02 2.76 0.00	47.82 2.66 0.00	45.97 2.64 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.21 2.87 -0.10	42.73 2.91 0.00	46.68 2.73 0.00	64.41 3.71 -0.88	70.22 3.29 -1.07	61.68 2.32 0.00	47.59 1.74 0.00	43.91 1.85 0.00	39.91 1.76 0.00	35.59 1.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.18 1.94 0.00	39.80 1.82 0.00	36.36 1.60 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.58 2.13 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.02 2.76 0.00	47.82 2.66 0.00	45.97 2.64 0.00	44.31 2.86 0.00	43.58 2.85 0.00	41.21 2.87 -0.10	42.73 2.91 0.00	46.68 2.73 0.00	64.41 3.71 -0.88	70.22 3.29 -1.07	61.68 2.32 0.00	47.59 1.74 0.00	43.91 1.85 0.00	39.91 1.76 0.00	35.59 1.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.09 1.86 0.00	39.69 1.71 0.00	36.25 1.49 0.00	36.32 1.56 0.00	36.76 1.62 0.00	39.63 1.74 0.00	51.49 2.03 0.00	62.04 2.67 0.00	60.11 2.81 0.00	51.87 2.61 0.00	47.60 2.44 0.00	45.71 2.38 0.00	44.02 2.57 0.00	43.30 2.57 0.00	40.86 2.52 -0.09	42.45 2.63 0.00	46.46 2.51 0.00	64.01 3.53 -0.66	69.95 3.29 -0.80	61.74 2.37 0.00	47.63 1.79 0.00	43.86 1.81 0.00	39.80 1.64 0.00	35.52 1.27 0.00
POLETTI____ 23519	31.77 1.86 11.32	25.47 1.63 14.14	25.51 1.39 10.64	25.48 1.43 10.71	25.48 1.48 11.14	25.56 1.59 13.92	28.30 1.19 22.35	39.74 1.78 21.41	37.44 2.06 21.92	30.76 2.17 20.66	28.27 2.17 19.06	27.93 2.30 17.69	27.15 2.65 16.96	27.23 2.69 16.19	27.19 2.83 13.89	27.19 2.83 15.46	27.80 2.33 18.48	44.33 2.81 18.30	51.70 2.17 16.34	43.24 1.25 17.37	29.13 1.01 17.72	29.10 1.51 14.47	27.46 1.60 12.30	27.07 1.13 8.31
POMONA___ESR 323819	43.14 1.90 0.00	39.77 1.79 0.00	36.29 1.53 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.66 1.78 0.00	51.44 1.98 0.00	61.92 2.55 0.00	59.94 2.64 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.84 2.51 0.00	44.19 2.74 0.00	43.46 2.73 0.00	41.14 2.76 -0.14	42.65 2.83 0.00	46.73 2.77 0.00	64.08 3.47 -0.79	69.97 3.16 -0.95	61.62 2.26 0.00	47.54 1.70 0.00	43.86 1.81 0.00	39.83 1.68 0.00	35.59 1.33 0.00
PORT_JEFF_3 23555	26.83 1.28 15.69	25.95 1.25 13.28	25.94 1.01 9.82	14.56 1.04 21.25	25.96 1.20 10.38	26.39 1.29 12.78	25.88 0.64 24.22	31.85 1.01 28.53	43.10 1.03 15.24	45.24 1.13 5.15	46.07 1.04 0.13	44.71 1.39 0.00	43.27 1.82 0.00	42.40 1.71 0.04	40.99 2.64 -0.11	42.09 2.27 0.00	45.35 1.41 0.01	48.11 1.74 13.44	46.79 1.05 20.12	46.01 0.24 13.59	44.55 0.09 1.39	26.57 0.67 16.16	28.85 0.95 10.26	26.25 0.62 8.62
PORT_JEFF_4 23616	26.83 1.28 15.69	25.95 1.25 13.28	25.94 1.01 9.82	14.56 1.04 21.25	25.96 1.20 10.38	26.39 1.29 12.78	25.88 0.64 24.22	31.85 1.01 28.53	43.10 1.03 15.24	45.24 1.13 5.15	46.07 1.04 0.13	44.71 1.39 0.00	43.27 1.82 0.00	42.40 1.71 0.04	40.99 2.64 -0.11	42.09 2.27 0.00	45.35 1.41 0.01	48.11 1.74 13.44	46.79 1.05 20.12	46.01 0.24 13.59	44.55 0.09 1.39	26.57 0.67 16.16	28.85 0.95 10.26	26.25 0.62 8.62

PORT_JEFF_IC 23713	26.19 1.44 16.49	25.27 1.25 13.96	25.58 1.15 10.33	13.50 1.08 22.34	25.43 1.19 10.91	25.77 1.33 13.44	24.69 0.49 25.26	31.12 0.95 29.20	43.11 1.15 15.34	45.36 1.28 5.19	46.20 1.17 0.13	44.80 1.47 0.00	43.27 1.82 0.00	42.44 1.75 0.04	41.07 2.72 -0.11	42.06 2.23 0.00	45.40 1.45 0.01	47.66 2.03 14.20	45.94 1.32 21.24	45.53 0.47 14.31	44.69 0.23 1.38	25.72 0.67 17.01	28.40 1.03 10.79	25.80 0.62 9.07
PPL PILGRIM_ST_GT1 24216	41.82 2.18 1.61	38.63 2.01 1.36	35.49 1.74 1.01	34.32 1.74 2.18	36.01 1.93 1.06	38.66 2.08 1.31	45.00 1.68 6.14	46.48 2.31 15.20	47.39 1.89 11.81	47.22 1.97 4.01	47.22 2.08 0.02	45.49 2.17 0.00	43.98 2.53 0.00	43.17 2.44 0.00	41.60 3.25 -0.11	42.65 2.83 0.00	46.06 2.11 0.01	62.22 3.11 0.71	67.08 2.50 1.28	59.35 1.48 1.50	45.07 0.46 1.23	41.74 1.47 1.78	38.74 1.64 1.06	34.59 1.23 0.89
PPL PILGRIM_ST_GT2 24217	41.82 2.18 1.61	38.63 2.01 1.36	35.49 1.74 1.01	34.32 1.74 2.18	36.01 1.93 1.06	38.66 2.08 1.31	45.00 1.68 6.14	46.48 2.31 15.20	47.39 1.89 11.81	47.22 1.97 4.01	47.22 2.08 0.02	45.49 2.17 0.00	43.98 2.53 0.00	43.17 2.44 0.00	41.60 3.25 -0.11	42.65 2.83 0.00	46.06 2.11 0.01	62.22 3.11 0.71	67.08 2.50 1.28	59.35 1.48 1.50	45.07 0.46 1.23	41.74 1.47 1.78	38.74 1.64 1.06	34.59 1.23 0.89
PPL_SHRM_GT3 24213	26.49 0.82 15.57	25.59 0.80 13.19	25.63 0.63 9.75	14.32 0.66 21.09	25.65 0.81 10.30	26.06 0.87 12.69	25.43 0.05 24.07	31.34 0.36 28.39	42.53 0.40 15.18	44.72 0.59 5.13	45.71 0.68 0.13	44.28 0.95 0.00	42.86 1.41 0.00	41.99 1.30 0.04	40.53 2.18 -0.11	41.66 1.83 0.00	44.91 0.97 0.01	47.79 1.31 13.35	46.41 0.52 19.98	45.57 -0.30 13.50	44.05 -0.41 1.38	26.22 0.21 16.05	28.43 0.46 10.19	25.86 0.17 8.56
PPL_SHRM_GT4 24214	26.49 0.82 15.57	25.59 0.80 13.19	25.63 0.63 9.75	14.32 0.66 21.09	25.65 0.81 10.30	26.06 0.87 12.69	25.43 0.05 24.07	31.34 0.36 28.39	42.53 0.40 15.18	44.72 0.59 5.13	45.71 0.68 0.13	44.28 0.95 0.00	42.86 1.41 0.00	41.99 1.30 0.04	40.53 2.18 -0.11	41.66 1.83 0.00	44.91 0.97 0.01	47.79 1.31 13.35	46.41 0.52 19.98	45.57 -0.30 13.50	44.05 -0.41 1.38	26.22 0.21 16.05	28.43 0.46 10.19	25.86 0.17 8.56
PROJECT___ORANGE 1 24174	40.78 -0.45 0.00	37.52 -0.46 0.00	34.31 -0.45 0.00	34.34 -0.42 0.00	34.72 -0.42 0.00	37.43 -0.45 0.00	48.86 -0.59 0.00	58.60 -0.77 0.00	56.50 -0.80 0.00	48.62 -0.64 0.00	44.53 -0.63 0.00	42.72 -0.61 0.00	40.83 -0.62 0.00	40.12 -0.61 0.00	37.67 -0.57 0.00	39.27 -0.56 0.00	43.47 -0.48 0.00	58.98 -0.84 0.00	65.20 -0.66 0.00	58.95 -0.42 0.00	45.38 -0.46 0.00	41.59 -0.46 0.00	37.81 -0.34 0.00	33.98 -0.27 0.00
PROJECT___ORANGE 2 24166	40.78 -0.45 0.00	37.52 -0.46 0.00	34.31 -0.45 0.00	34.34 -0.42 0.00	34.72 -0.42 0.00	37.43 -0.45 0.00	48.86 -0.59 0.00	58.60 -0.77 0.00	56.50 -0.80 0.00	48.62 -0.64 0.00	44.53 -0.63 0.00	42.72 -0.61 0.00	40.83 -0.62 0.00	40.12 -0.61 0.00	37.67 -0.57 0.00	39.27 -0.56 0.00	43.47 -0.48 0.00	58.98 -0.84 0.00	65.20 -0.66 0.00	58.95 -0.42 0.00	45.38 -0.46 0.00	41.59 -0.46 0.00	37.81 -0.34 0.00	33.98 -0.27 0.00
PUCKETT___SOLAR 323809	41.74 0.50 0.00	38.40 0.42 0.00	35.14 0.38 0.00	35.18 0.42 0.00	35.57 0.42 0.00	38.30 0.42 0.00	50.00 0.55 0.00	59.84 0.47 0.00	57.36 0.06 0.00	49.16 -0.10 0.00	44.80 -0.36 0.00	42.98 -0.35 0.00	41.04 -0.41 0.00	40.37 -0.37 0.00	37.87 -0.34 0.03	39.59 -0.24 0.00	43.91 -0.04 0.00	59.82 0.00 0.00	66.45 0.59 0.00	60.38 1.01 0.00	46.53 0.69 0.00	42.64 0.59 0.00	38.73 0.57 0.00	34.94 0.68 0.00
PYRITES___HYD 24023	42.68 1.44 0.00	39.35 1.37 0.00	36.08 1.32 0.00	35.77 1.01 0.00	36.20 1.05 0.00	39.29 1.40 0.00	51.54 2.08 0.00	61.86 2.49 0.00	59.25 1.95 0.00	50.44 1.18 0.00	45.97 0.81 0.00	44.10 0.78 0.00	41.91 0.46 0.00	41.06 0.33 0.00	38.32 0.08 0.00	39.83 0.00 0.00	43.91 -0.04 0.00	60.12 0.30 0.00	66.92 1.05 0.00	61.21 1.84 0.00	47.26 1.42 0.00	43.32 1.26 0.00	39.15 0.99 0.00	35.14 0.89 0.00
QUAKERRD_115KV_BK1 80622	40.00 -1.24 0.00	36.73 -1.25 0.00	33.65 -1.11 0.00	33.61 -1.15 0.00	33.91 -1.23 0.00	36.29 -1.59 0.00	47.58 -1.88 0.00	56.34 -3.03 0.00	53.98 -3.32 0.00	46.60 -2.66 0.00	42.72 -2.44 0.00	41.20 -2.12 0.00	39.34 -2.11 0.00	38.74 -2.00 0.00	36.41 -1.84 0.00	37.87 -1.95 0.00	42.11 -1.85 0.00	56.47 -3.35 0.00	63.16 -2.70 0.00	57.76 -1.60 0.00	44.42 -1.42 0.00	40.67 -1.39 0.00	37.16 -0.99 0.00	33.81 -0.45 0.00
QUENSBRY_115KV_TB8 356137	42.56 1.32 0.00	39.20 1.22 0.00	35.84 1.08 0.00	35.87 1.11 0.00	36.30 1.16 0.00	39.32 1.44 0.00	51.68 2.23 0.00	61.98 2.61 0.00	59.94 2.64 0.00	50.93 1.67 0.00	46.60 1.45 0.00	44.32 1.00 0.00	42.24 0.79 0.00	41.43 0.69 0.00	38.92 0.65 -0.02	40.66 0.84 0.00	45.05 1.10 0.00	67.63 2.21 -5.60	75.25 2.63 -6.76	61.44 2.08 0.00	47.45 1.60 0.00	43.32 1.26 0.00	39.19 1.03 0.00	34.94 0.69 0.00
RAMAPO___LBMP 323565	42.97 1.73 0.00	39.61 1.63 0.00	36.19 1.43 0.00	36.25 1.49 0.00	36.69 1.55 0.00	39.55 1.67 0.00	51.34 1.88 0.00	61.80 2.43 0.00	59.77 2.46 0.00	51.72 2.46 0.00	47.51 2.35 0.00	45.71 2.38 0.00	44.06 2.61 0.00	43.34 2.61 0.00	41.03 2.64 -0.14	42.53 2.71 0.00	46.50 2.55 0.00	64.00 3.41 -0.77	69.82 3.03 -0.93	61.50 2.14 0.00	47.45 1.60 0.00	43.74 1.68 0.00	39.72 1.56 0.00	35.45 1.20 0.00
RANKINE____ 23646	40.33 -0.91 0.00	36.99 -0.99 0.00	34.00 -0.76 0.00	33.93 -0.83 0.00	34.13 -1.02 0.00	36.07 -1.82 0.00	47.13 -2.32 0.00	54.98 -4.39 0.00	51.98 -5.33 0.00	45.17 -4.09 0.00	41.50 -3.66 0.00	40.34 -2.99 0.00	38.63 -2.82 0.00	38.13 -2.61 0.00	36.01 -2.22 0.02	37.36 -2.47 0.00	41.71 -2.24 0.00	55.09 -4.73 0.00	61.91 -3.95 0.00	57.05 -2.32 0.00	44.28 -1.56 0.00	40.29 -1.77 0.00	37.24 -0.92 0.00	34.60 0.34 0.00
RAVENSWOOD_GT2_1 24244	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.53 1.77 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.58 2.13 0.00	62.16 2.79 0.00	60.34 3.04 0.00	52.17 2.91 0.00	47.96 2.80 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.74 2.37 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.76 1.51 0.00
RAVENSWOOD_GT2_2 24245	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.53 1.77 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.58 2.13 0.00	62.16 2.79 0.00	60.34 3.04 0.00	52.17 2.91 0.00	47.96 2.80 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.74 2.37 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.76 1.51 0.00



RAVENSWOOD_GT2_3 24246	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.23 2.90 0.00	44.60 3.15 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.05 3.23 0.00	46.94 2.99 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.14 1.98 0.00	35.76 1.51 0.00
RAVENSWOOD_GT2_4 24247	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.23 2.90 0.00	44.60 3.15 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.05 3.23 0.00	46.94 2.99 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.14 1.98 0.00	35.76 1.51 0.00
RAVENSWOOD_GT3_1 24248	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.58 2.13 0.00	62.16 2.79 0.00	60.34 3.04 0.00	52.22 2.96 0.00	47.96 2.80 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.74 2.37 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.14 1.98 0.00	35.76 1.51 0.00
RAVENSWOOD_GT3_2 24249	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.58 2.13 0.00	62.16 2.79 0.00	60.34 3.04 0.00	52.22 2.96 0.00	47.96 2.80 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.52 3.83 -0.87	70.27 3.36 -1.05	61.74 2.37 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.14 1.98 0.00	35.76 1.51 0.00
RAVENSWOOD_GT3_3 24250	43.42 2.19 0.00	40.03 2.05 0.00	36.57 1.81 0.00	36.60 1.84 0.00	37.04 1.90 0.00	39.93 2.05 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.40 3.09 0.00	52.26 3.00 0.00	48.05 2.89 0.00	46.27 2.95 0.00	44.64 3.19 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.64 3.95 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
RAVENSWOOD_GT3_4 24251	43.42 2.19 0.00	40.03 2.05 0.00	36.57 1.81 0.00	36.60 1.84 0.00	37.04 1.90 0.00	39.93 2.05 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.40 3.09 0.00	52.26 3.00 0.00	48.05 2.89 0.00	46.27 2.95 0.00	44.64 3.19 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.09 3.27 0.00	46.99 3.03 0.00	64.64 3.95 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.16 2.10 0.00	40.18 2.02 0.00	35.79 1.54 0.00
RAVENSWOOD_GT_1 23729	43.55 2.31 0.00	40.19 2.20 -0.01	36.68 1.91 -0.01	36.72 1.95 -0.01	37.19 2.04 -0.01	40.04 2.16 0.00	51.44 1.98 0.00	62.10 2.73 0.00	60.29 2.98 0.00	52.17 2.91 0.00	47.96 2.80 0.00	46.27 2.95 0.00	44.68 3.23 0.00	43.99 3.26 0.00	41.72 3.37 -0.11	43.21 3.39 0.00	46.94 2.99 0.00	64.40 3.71 -0.87	70.07 3.16 -1.05	61.56 2.20 0.00	47.59 1.74 0.00	44.20 2.14 0.00	40.30 2.14 -0.01	35.94 1.68 -0.01
RAVENSWOOD_GT_10 24258	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	37.01 1.86 0.00	39.85 1.97 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.76 1.51 0.00
RAVENSWOOD_GT_11 24259	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	37.01 1.86 0.00	39.85 1.97 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.76 1.51 0.00
RAVENSWOOD_GT_4 24252	43.34 2.10 0.00	39.95 1.97 0.01	36.49 1.74 0.01	36.53 1.77 0.01	36.97 1.83 0.01	39.85 1.97 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.83 3.10 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.07 2.02 0.00	40.10 1.95 0.01	35.72 1.47 0.01
RAVENSWOOD_GT_5 24254	43.34 2.10 0.00	39.95 1.97 0.01	36.49 1.74 0.01	36.53 1.77 0.01	36.97 1.83 0.01	39.85 1.97 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.83 3.10 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.07 2.02 0.00	40.10 1.95 0.01	35.72 1.47 0.01
RAVENSWOOD_GT_6 24253	43.34 2.10 0.00	39.95 1.97 0.01	36.49 1.74 0.01	36.53 1.77 0.01	36.97 1.83 0.01	39.85 1.97 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.83 3.10 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.07 2.02 0.00	40.10 1.95 0.01	35.72 1.47 0.01
RAVENSWOOD_GT_7 24255	43.34 2.10 0.00	39.95 1.97 0.01	36.49 1.74 0.01	36.53 1.77 0.01	36.97 1.83 0.01	39.85 1.97 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.83 3.10 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.07 2.02 0.00	40.10 1.95 0.01	35.72 1.47 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	37.01 1.86 0.00	39.85 1.97 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.76 1.51 0.00
RAVENSWOOD_GT_9 24257	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	37.01 1.86 0.00	39.85 1.97 0.00	51.58 2.13 0.00	62.22 2.85 0.00	60.34 3.04 0.00	52.22 2.96 0.00	48.00 2.85 0.00	46.18 2.86 0.00	44.56 3.11 0.00	43.87 3.14 0.00	41.53 3.17 -0.11	43.01 3.19 0.00	46.90 2.94 0.00	64.58 3.89 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.68 1.83 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.76 1.51 0.00

RAVENSWOOD___1 23533	43.55 2.31 0.00	40.19 2.20 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.44 1.98 0.00	61.98 2.61 0.00	60.17 2.86 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.23 2.90 0.00	44.69 3.24 0.00	43.91 3.18 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	47.03 3.08 0.00	64.34 3.65 -0.87	70.01 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.20 2.14 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
RAVENSWOOD___2 23534	43.46 2.23 0.00	40.11 2.13 -0.01	36.61 1.84 -0.01	36.68 1.91 -0.01	37.12 1.97 -0.01	39.93 2.04 0.00	51.09 1.63 0.00	61.68 2.31 0.00	59.77 2.46 0.00	51.82 2.56 0.00	47.60 2.44 0.00	46.14 2.81 0.00	44.60 3.15 0.00	43.83 3.09 0.00	41.60 3.25 -0.11	43.09 3.27 0.00	46.90 2.95 0.00	63.86 3.17 -0.87	69.48 2.57 -1.05	60.97 1.60 0.00	47.22 1.37 0.00	44.12 2.06 0.00	40.22 2.06 -0.01	35.91 1.64 -0.01
RAVENSWOOD___3 23535	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.57 1.81 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.54 2.08 0.00	62.10 2.73 0.00	60.23 2.92 0.00	52.12 2.86 0.00	47.87 2.71 0.00	46.14 2.81 0.00	44.56 3.11 0.00	43.79 3.06 0.00	41.49 3.14 -0.11	43.01 3.19 0.00	46.99 3.03 0.00	64.46 3.77 -0.87	70.20 3.29 -1.05	61.68 2.31 0.00	47.63 1.79 0.00	44.07 2.02 0.00	40.14 1.98 0.00	35.80 1.54 0.00
RAVENSWOOD___4 23820	43.55 2.31 0.00	40.19 2.20 -0.01	36.64 1.88 -0.01	36.71 1.95 -0.01	37.19 2.04 -0.01	40.00 2.12 0.00	51.44 1.98 0.00	61.98 2.61 0.00	60.17 2.86 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.23 2.90 0.00	44.69 3.24 0.00	43.91 3.18 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	47.03 3.08 0.00	64.34 3.65 -0.87	70.01 3.10 -1.05	61.44 2.08 0.00	47.49 1.65 0.00	44.20 2.14 0.00	40.30 2.14 -0.01	35.97 1.71 -0.01
RCPL_TRUST___DRP 24196	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.89 2.01 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.40 3.09 0.00	52.26 3.00 0.00	48.05 2.89 0.00	46.23 2.90 0.00	44.60 3.15 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.94 2.99 0.00	64.64 3.95 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.73 1.47 0.00
RED___ROCHESTER 323720	40.95 -0.29 0.00	37.53 -0.45 0.00	34.27 -0.49 0.00	34.34 -0.42 0.00	34.62 -0.53 0.00	37.05 -0.83 0.00	48.27 -1.19 0.00	57.35 -2.02 0.00	55.07 -2.24 0.00	47.39 -1.87 0.00	43.49 -1.67 0.00	42.03 -1.30 0.00	40.04 -1.41 0.00	39.55 -1.18 0.00	37.18 -1.07 0.00	38.63 -1.19 0.00	42.59 -1.36 0.00	57.49 -2.33 0.00	64.15 -1.71 0.00	59.01 -0.35 0.00	45.43 -0.41 0.00	41.72 -0.34 0.00	38.16 0.00 0.00	34.73 0.48 0.00
REGAN___SOLAR 323812	43.18 1.94 0.00	39.73 1.75 0.00	36.36 1.60 0.00	36.33 1.57 0.00	36.80 1.65 0.00	39.89 2.01 0.00	52.43 2.97 0.00	62.75 3.38 0.00	59.94 2.64 0.00	50.05 0.79 0.00	45.20 0.05 0.00	42.76 -0.56 0.00	40.66 -0.79 0.00	39.88 -0.86 0.00	37.53 -0.73 -0.01	39.51 -0.32 0.00	44.35 0.39 0.00	65.02 2.04 -3.16	73.04 3.36 -3.82	62.28 2.91 0.00	48.04 2.20 0.00	43.99 1.94 0.00	39.76 1.60 0.00	35.48 1.23 0.00
RENSSELAER___COGEN 23796	41.40 0.17 0.00	38.13 0.15 0.00	34.90 0.14 0.00	34.97 0.21 0.00	35.36 0.21 0.00	38.15 0.27 0.00	49.66 0.20 0.00	59.61 0.24 0.00	57.88 0.57 0.00	49.65 0.39 0.00	45.79 0.63 0.00	43.80 0.48 0.00	42.03 0.58 0.00	41.30 0.57 0.00	38.93 0.65 -0.03	40.54 0.72 0.00	44.66 0.70 0.00	42.61 1.13 18.35	44.65 0.92 22.13	59.73 0.36 0.00	46.17 0.32 0.00	42.31 0.25 0.00	38.46 0.30 0.00	34.53 0.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.33 3.09 0.00	40.79 2.81 0.00	37.26 2.50 0.00	37.26 2.50 0.00	37.74 2.60 0.00	40.99 3.11 0.00	54.11 4.65 0.00	64.77 5.40 0.00	62.41 5.10 0.00	52.61 3.35 0.00	48.09 2.94 0.00	45.53 2.21 0.00	43.23 1.78 0.00	42.32 1.59 0.00	39.73 1.45 -0.03	41.62 1.79 0.00	46.28 2.33 0.00	69.73 4.19 -5.72	78.10 5.33 -6.90	64.00 4.63 0.00	49.37 3.53 0.00	44.92 2.86 0.00	40.52 2.37 0.00	36.07 1.82 0.00
REVERE_CPPR_DRP 24186	42.35 1.11 0.00	38.97 0.99 0.00	35.70 0.94 0.00	35.59 0.83 0.00	36.02 0.88 0.00	38.98 1.10 0.00	51.09 1.63 0.00	61.39 2.02 0.00	59.08 1.78 0.00	50.34 1.08 0.00	45.84 0.68 0.00	43.93 0.61 0.00	41.95 0.50 0.00	41.18 0.45 0.00	38.55 0.31 0.00	40.30 0.48 0.00	44.61 0.66 0.00	60.96 1.14 0.00	67.57 1.71 0.00	61.44 2.08 0.00	47.26 1.42 0.00	43.23 1.18 0.00	39.11 0.95 0.00	35.11 0.86 0.00
REYNLDPA_13_KV_LD 356490	41.74 0.50 0.00	38.51 0.53 0.00	35.21 0.45 0.00	35.11 0.35 0.00	35.50 0.35 0.00	38.37 0.49 0.00	50.30 0.84 0.00	60.38 1.01 0.00	58.11 0.80 0.00	50.00 0.74 0.00	45.74 0.59 0.00	43.89 0.56 0.00	41.78 0.33 0.00	41.02 0.29 0.00	38.40 0.15 0.00	39.87 0.04 0.00	43.95 0.00 0.00	60.00 0.18 0.00	66.39 0.52 0.00	60.20 0.83 0.00	46.48 0.64 0.00	42.48 0.42 0.00	38.42 0.27 0.00	34.56 0.31 0.00
REYNOLDS_115KV_TB3 80639	41.82 0.58 0.00	38.51 0.53 0.00	35.25 0.49 0.00	35.32 0.56 0.00	35.67 0.53 0.00	38.53 0.64 0.00	50.25 0.79 0.00	60.38 1.01 0.00	58.57 1.26 0.00	50.34 1.08 0.00	46.33 1.17 0.00	44.32 1.00 0.00	42.49 1.04 0.00	41.83 1.10 0.00	39.39 1.11 -0.03	41.02 1.19 0.00	45.14 1.19 0.00	76.94 1.91 -15.20	85.91 1.71 -18.34	60.44 1.07 0.00	46.67 0.83 0.00	42.77 0.71 0.00	38.84 0.69 0.00	34.80 0.55 0.00
RIVERBAY____ 323610	43.96 2.72 0.00	40.49 2.51 -0.01	36.96 2.19 -0.01	36.99 2.22 -0.01	37.44 2.28 -0.01	40.27 2.39 0.00	51.73 2.28 0.00	62.40 3.03 0.00	60.57 3.27 0.00	52.41 3.15 0.00	48.19 3.03 0.00	46.44 3.12 0.00	44.89 3.44 0.00	44.20 3.46 0.00	41.87 3.52 -0.11	43.37 3.54 0.00	47.12 3.16 0.00	64.64 3.95 -0.87	70.33 3.42 -1.05	61.80 2.43 0.00	47.77 1.93 0.00	44.37 2.31 0.00	40.48 2.33 0.01	36.09 1.85 0.01
RIVERSDE_115KV_TB3 55908	41.65 0.41 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.34 0.45 0.00	50.00 0.54 0.00	60.14 0.77 0.00	58.34 1.03 0.00	50.10 0.84 0.00	46.11 0.95 0.00	44.10 0.78 0.00	42.28 0.83 0.00	41.59 0.86 0.00	39.19 0.92 -0.03	40.82 1.00 0.00	44.92 0.97 0.00	68.93 1.62 -7.49	76.28 1.38 -9.04	60.14 0.77 0.00	46.49 0.64 0.00	42.60 0.55 0.00	38.65 0.50 0.00	34.66 0.41 0.00
ROARING___BROOK_WT_PWR 323790	40.79 -0.45 0.00	37.60 -0.38 0.00	34.45 -0.31 0.00	34.52 -0.24 0.00	34.93 -0.21 0.00	37.66 -0.23 0.00	49.21 -0.25 0.00	59.07 -0.30 0.00	56.96 -0.34 0.00	49.01 -0.25 0.00	44.85 -0.31 0.00	42.98 -0.35 0.00	41.08 -0.37 0.00	40.33 -0.41 0.00	37.79 -0.46 0.00	39.27 -0.56 0.00	43.30 -0.66 0.00	59.10 -0.72 0.00	65.07 -0.79 0.00	58.66 -0.71 0.00	45.30 -0.55 0.00	41.51 -0.55 0.00	37.62 -0.53 0.00	33.77 -0.48 0.00

ROCHESRG_115KV_T4 355643	40.74 -0.49 0.00	37.37 -0.61 0.00	34.20 -0.56 0.00	34.20 -0.56 0.00	34.48 -0.67 0.00	36.86 -1.02 0.00	48.27 -1.19 0.00	56.99 -2.37 0.00	54.56 -2.75 0.00	47.09 -2.17 0.00	43.17 -1.99 0.00	41.72 -1.60 0.00	39.88 -1.58 0.00	39.27 -1.47 0.00	36.95 -1.30 0.00	38.43 -1.39 0.00	42.72 -1.23 0.00	57.19 -2.63 0.00	63.95 -1.91 0.00	58.54 -0.83 0.00	45.11 -0.73 0.00	41.30 -0.76 0.00	37.77 -0.38 0.00	34.46 0.21 0.00
ROCHESTER_9_IC 23652	40.91 -0.33 0.00	37.52 -0.46 0.00	34.38 -0.38 0.00	34.34 -0.42 0.00	34.65 -0.49 0.00	37.01 -0.87 0.00	48.52 -0.94 0.00	57.35 -2.02 0.00	54.90 -2.41 0.00	47.39 -1.87 0.00	43.44 -1.72 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.47 -1.26 0.00	37.14 -1.11 0.00	38.59 -1.23 0.00	42.94 -1.01 0.00	57.49 -2.33 0.00	64.35 -1.51 0.00	58.95 -0.42 0.00	45.38 -0.46 0.00	41.55 -0.50 0.00	38.00 -0.15 0.00	34.63 0.38 0.00
ROCKVIEW_13_KV_LD 356306	43.38 2.14 0.00	39.99 2.01 0.00	36.53 1.77 0.00	36.57 1.81 0.00	37.01 1.86 0.00	39.89 2.01 0.00	51.78 2.32 0.00	62.40 3.03 0.00	60.52 3.21 0.00	52.31 3.05 0.00	48.09 2.94 0.00	46.23 2.90 0.00	44.56 3.11 0.00	43.83 3.10 0.00	41.45 3.10 -0.11	42.97 3.15 0.00	46.94 2.99 0.00	64.70 4.01 -0.87	70.47 3.56 -1.05	61.98 2.61 0.00	47.77 1.93 0.00	44.12 2.06 0.00	40.06 1.91 0.00	35.73 1.47 0.00
ROME____115KV_TB2 80656	42.35 1.11 0.00	38.97 0.99 0.00	35.70 0.94 0.00	35.59 0.83 0.00	36.02 0.88 0.00	38.98 1.10 0.00	51.09 1.63 0.00	61.39 2.02 0.00	59.08 1.78 0.00	50.34 1.08 0.00	45.84 0.68 0.00	43.93 0.61 0.00	41.95 0.50 0.00	41.18 0.45 0.00	38.55 0.31 0.00	40.30 0.48 0.00	44.61 0.66 0.00	60.96 1.14 0.00	67.57 1.71 0.00	61.44 2.08 0.00	47.26 1.42 0.00	43.23 1.18 0.00	39.11 0.95 0.00	35.11 0.86 0.00
ROSETON___1 23587	42.81 1.57 0.00	39.46 1.48 0.00	36.05 1.29 0.00	36.11 1.35 0.00	36.55 1.41 0.00	39.40 1.52 0.00	51.09 1.63 0.00	61.45 2.08 0.00	59.54 2.23 0.00	51.38 2.12 0.00	47.24 2.08 0.00	45.45 2.12 0.00	43.77 2.32 0.00	43.05 2.32 0.00	40.70 2.37 -0.08	42.26 2.43 0.00	46.28 2.33 0.00	63.64 2.99 -0.83	69.43 2.57 -1.00	61.09 1.72 0.00	47.22 1.37 0.00	43.57 1.51 0.00	39.64 1.49 0.00	35.42 1.17 0.00
ROSETON___2 23588	42.81 1.57 0.00	39.46 1.48 0.00	36.05 1.29 0.00	36.11 1.35 0.00	36.55 1.41 0.00	39.40 1.52 0.00	51.09 1.63 0.00	61.45 2.08 0.00	59.54 2.23 0.00	51.38 2.12 0.00	47.24 2.08 0.00	45.45 2.12 0.00	43.77 2.32 0.00	43.05 2.32 0.00	40.70 2.37 -0.08	42.26 2.43 0.00	46.28 2.33 0.00	63.64 2.99 -0.83	69.43 2.57 -1.00	61.09 1.72 0.00	47.22 1.37 0.00	43.57 1.51 0.00	39.64 1.49 0.00	35.42 1.17 0.00
ROTRDAM_115KV_TB3 80664	42.15 0.91 0.00	38.82 0.84 0.00	35.52 0.76 0.00	35.56 0.80 0.00	35.99 0.84 0.00	38.79 0.91 0.00	50.74 1.29 0.00	60.91 1.54 0.00	58.80 1.49 0.00	50.39 1.13 0.00	46.20 1.04 0.00	44.19 0.87 0.00	42.32 0.87 0.00	41.59 0.86 0.00	39.15 0.88 -0.02	40.78 0.96 0.00	45.01 1.05 0.00	65.06 1.67 -3.57	71.95 1.78 -4.31	60.67 1.31 0.00	46.90 1.05 0.00	42.98 0.93 0.00	39.00 0.84 0.00	34.90 0.65 0.00
RUSSELL___1 23602	41.07 -0.16 0.00	37.68 -0.30 0.00	34.52 -0.24 0.00	34.48 -0.28 0.00	34.76 -0.39 0.00	37.16 -0.72 0.00	48.77 -0.69 0.00	57.65 -1.72 0.00	55.19 -2.12 0.00	47.63 -1.63 0.00	43.67 -1.49 0.00	42.16 -1.17 0.00	40.25 -1.20 0.00	39.67 -1.06 0.00	37.29 -0.96 0.00	38.79 -1.04 0.00	43.16 -0.79 0.00	57.79 -2.03 0.00	64.74 -1.12 0.00	59.31 -0.06 0.00	45.61 -0.23 0.00	41.76 -0.29 0.00	38.16 0.00 0.00	34.77 0.51 0.00
RUSSELL___2 23532	41.07 -0.16 0.00	37.68 -0.30 0.00	34.52 -0.24 0.00	34.48 -0.28 0.00	34.76 -0.39 0.00	37.16 -0.72 0.00	48.77 -0.69 0.00	57.65 -1.72 0.00	55.19 -2.12 0.00	47.63 -1.63 0.00	43.67 -1.49 0.00	42.16 -1.17 0.00	40.25 -1.20 0.00	39.67 -1.06 0.00	37.29 -0.96 0.00	38.79 -1.04 0.00	43.16 -0.79 0.00	57.79 -2.03 0.00	64.74 -1.12 0.00	59.31 -0.06 0.00	45.61 -0.23 0.00	41.76 -0.29 0.00	38.16 0.00 0.00	34.77 0.51 0.00
RUSSELL___3 23549	41.07 -0.16 0.00	37.68 -0.30 0.00	34.52 -0.24 0.00	34.48 -0.28 0.00	34.76 -0.39 0.00	37.16 -0.72 0.00	48.77 -0.69 0.00	57.65 -1.72 0.00	55.19 -2.12 0.00	47.63 -1.63 0.00	43.67 -1.49 0.00	42.16 -1.17 0.00	40.25 -1.20 0.00	39.67 -1.06 0.00	37.29 -0.96 0.00	38.79 -1.04 0.00	43.16 -0.79 0.00	57.79 -2.03 0.00	64.74 -1.12 0.00	59.31 -0.06 0.00	45.61 -0.23 0.00	41.76 -0.29 0.00	38.16 0.00 0.00	34.77 0.51 0.00
RUSSELL___4 23556	41.07 -0.16 0.00	37.68 -0.30 0.00	34.52 -0.24 0.00	34.48 -0.28 0.00	34.76 -0.39 0.00	37.16 -0.72 0.00	48.77 -0.69 0.00	57.65 -1.72 0.00	55.19 -2.12 0.00	47.63 -1.63 0.00	43.67 -1.49 0.00	42.16 -1.17 0.00	40.25 -1.20 0.00	39.67 -1.06 0.00	37.29 -0.96 0.00	38.79 -1.04 0.00	43.16 -0.79 0.00	57.79 -2.03 0.00	64.74 -1.12 0.00	59.31 -0.06 0.00	45.61 -0.23 0.00	41.76 -0.29 0.00	38.16 0.00 0.00	34.77 0.51 0.00
RUSSELL___STATION 23914	41.07 -0.16 0.00	37.68 -0.30 0.00	34.52 -0.24 0.00	34.48 -0.28 0.00	34.76 -0.39 0.00	37.16 -0.72 0.00	48.77 -0.69 0.00	57.65 -1.72 0.00	55.19 -2.12 0.00	47.63 -1.63 0.00	43.67 -1.49 0.00	42.16 -1.17 0.00	40.25 -1.20 0.00	39.67 -1.06 0.00	37.29 -0.96 0.00	38.79 -1.04 0.00	43.16 -0.79 0.00	57.79 -2.03 0.00	64.74 -1.12 0.00	59.31 -0.06 0.00	45.61 -0.23 0.00	41.76 -0.29 0.00	38.16 0.00 0.00	34.77 0.51 0.00
S SALMON___HYD 24043	41.07 -0.16 0.00	37.79 -0.19 0.00	34.62 -0.14 0.00	34.55 -0.21 0.00	34.93 -0.21 0.00	37.77 -0.11 0.00	49.41 -0.05 0.00	59.37 0.00 0.00	57.13 -0.17 0.00	48.82 -0.44 0.00	44.62 -0.54 0.00	42.76 -0.56 0.00	40.83 -0.62 0.00	40.08 -0.65 0.00	37.48 -0.76 0.00	39.15 -0.68 0.00	43.25 -0.70 0.00	58.98 -0.84 0.00	65.40 -0.46 0.00	59.37 0.00 0.00	45.80 -0.05 0.00	42.01 -0.04 0.00	38.04 -0.11 0.00	34.12 -0.14 0.00
S.PERRY__115KV_TB1 80734	42.02 0.78 0.00	38.55 0.57 0.00	35.32 0.56 0.00	35.28 0.52 0.00	35.57 0.42 0.00	38.07 0.19 0.00	50.05 0.59 0.00	59.13 -0.24 0.00	55.82 -1.49 0.00	47.78 -1.48 0.00	43.53 -1.63 0.00	41.94 -1.39 0.00	40.00 -1.45 0.00	39.43 -1.30 0.00	37.16 -1.07 0.02	38.87 -0.96 0.00	43.47 -0.48 0.00	58.62 -1.20 0.00	66.45 0.59 0.00	61.15 1.78 0.00	46.99 1.15 0.00	42.86 0.80 0.00	39.11 0.95 0.00	35.66 1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.17 -1.07 0.00	36.80 -1.18 0.00	33.82 -0.94 0.00	33.75 -1.01 0.00	33.98 -1.16 0.00	35.91 -1.97 0.00	46.79 -2.67 0.00	54.50 -4.87 0.00	51.52 -5.79 0.00	44.83 -4.43 0.00	41.23 -3.93 0.00	40.08 -3.25 0.00	38.38 -3.07 0.00	37.92 -2.81 0.00	35.82 -2.41 0.02	37.16 -2.67 0.00	41.49 -2.46 0.00	54.73 -5.08 0.00	61.45 -4.41 0.00	56.58 -2.79 0.00	43.92 -1.93 0.00	40.04 -2.02 0.00	37.05 -1.11 0.00	34.46 0.21 0.00

SAWYER___23_KV_LOAD 55526	40.17 -1.07 0.00	36.80 -1.18 0.00	33.82 -0.94 0.00	33.75 -1.01 0.00	33.98 -1.16 0.00	35.91 -1.97 0.00	46.79 -2.67 0.00	54.50 -4.87 0.00	51.52 -5.79 0.00	44.83 -4.43 0.00	41.23 -3.93 0.00	40.08 -3.25 0.00	38.38 -3.07 0.00	37.92 -2.81 0.00	35.82 -2.41 0.02	37.16 -2.67 0.00	41.49 -2.46 0.00	54.73 -5.08 0.00	61.45 -4.41 0.00	56.58 -2.79 0.00	43.92 -1.93 0.00	40.04 -2.02 0.00	37.05 -1.11 0.00	34.46 0.21 0.00
SELKIRK___I 23801	41.86 0.62 0.00	38.55 0.57 0.00	35.28 0.52 0.00	35.31 0.55 0.00	35.70 0.56 0.00	38.49 0.60 0.00	50.15 0.69 0.00	60.08 0.72 0.00	58.22 0.91 0.00	49.90 0.64 0.00	45.97 0.81 0.00	43.93 0.61 0.00	42.11 0.66 0.00	41.38 0.65 0.00	38.93 0.65 -0.03	40.58 0.75 0.00	44.79 0.83 0.00	52.10 1.50 9.21	56.20 1.45 11.11	60.26 0.89 0.00	46.57 0.73 0.00	42.77 0.71 0.00	38.84 0.69 0.00	34.83 0.58 0.00
SELKIRK___II 23799	41.24 0.00 0.00	38.02 0.04 0.00	34.79 0.03 0.00	34.83 0.07 0.00	35.21 0.07 0.00	37.96 0.08 0.00	49.46 0.00 0.00	59.31 -0.06 0.00	57.59 0.29 0.00	49.46 0.20 0.00	45.84 0.68 0.00	43.93 0.61 0.00	42.15 0.70 0.00	41.42 0.69 0.00	39.00 0.72 -0.03	40.62 0.80 0.00	44.75 0.79 0.00	50.43 1.26 10.65	54.07 1.05 12.84	59.84 0.47 0.00	46.26 0.41 0.00	42.48 0.42 0.00	38.62 0.46 0.00	34.60 0.34 0.00
SENECA OSWGO___HYD 24041	40.50 -0.74 0.00	37.30 -0.68 0.00	34.10 -0.66 0.00	34.14 -0.62 0.00	34.48 -0.67 0.00	37.20 -0.68 0.00	48.57 -0.89 0.00	58.24 -1.13 0.00	56.22 -1.09 0.00	48.27 -0.98 0.00	44.26 -0.90 0.00	42.46 -0.87 0.00	40.58 -0.87 0.00	39.88 -0.86 0.00	37.41 -0.84 0.00	39.03 -0.80 0.00	43.21 -0.75 0.00	58.62 -1.20 0.00	64.81 -1.06 0.00	58.54 -0.83 0.00	45.16 -0.69 0.00	41.38 -0.67 0.00	37.54 -0.61 0.00	33.74 -0.51 0.00
SENECA___115KV_TB3 355854	40.41 -0.82 0.00	37.03 -0.95 0.00	34.03 -0.73 0.00	33.96 -0.80 0.00	34.20 -0.95 0.00	36.14 -1.74 0.00	47.23 -2.23 0.00	55.04 -4.33 0.00	52.03 -5.27 0.00	45.22 -4.04 0.00	41.55 -3.61 0.00	40.38 -2.95 0.00	38.67 -2.78 0.00	38.17 -2.57 0.00	36.05 -2.18 0.02	37.40 -2.43 0.00	41.76 -2.20 0.00	55.15 -4.67 0.00	61.98 -3.89 0.00	57.17 -2.20 0.00	44.33 -1.51 0.00	40.37 -1.68 0.00	37.28 -0.88 0.00	34.63 0.38 0.00
SENECA___ENERGY 23797	40.91 -0.33 0.00	37.67 -0.31 0.00	34.45 -0.31 0.00	34.48 -0.28 0.00	34.83 -0.32 0.00	37.54 -0.34 0.00	48.92 -0.54 0.00	58.48 -0.89 0.00	56.16 -1.15 0.00	48.22 -1.04 0.00	44.17 -0.99 0.00	42.46 -0.87 0.00	40.50 -0.95 0.00	39.92 -0.81 0.00	37.52 -0.73 0.00	39.11 -0.72 0.00	43.25 -0.70 0.00	58.68 -1.14 0.00	65.27 -0.59 0.00	59.37 0.00 0.00	45.71 -0.14 0.00	41.81 -0.25 0.00	38.08 -0.08 0.00	34.39 0.14 0.00
SHOEMAKER___GT 23640	42.85 1.61 0.00	39.50 1.52 0.00	36.05 1.29 0.00	36.11 1.35 0.00	36.55 1.41 0.00	39.40 1.52 0.00	51.19 1.73 0.00	61.62 2.26 0.00	59.54 2.23 0.00	51.33 2.07 0.00	47.06 1.90 0.00	45.28 1.95 0.00	43.60 2.15 0.00	42.89 2.16 0.00	39.98 2.18 0.44	42.09 2.27 0.00	46.20 2.24 0.00	63.37 2.87 -0.68	69.32 2.64 -0.82	61.32 1.96 0.00	47.31 1.47 0.00	43.61 1.56 0.00	39.57 1.41 0.00	35.35 1.10 0.00
SHOEMAKR_138KV_BK 111 55601	42.85 1.61 0.00	39.46 1.48 0.00	36.08 1.32 0.00	36.12 1.36 0.00	36.55 1.41 0.00	39.40 1.52 0.00	51.24 1.78 0.00	61.63 2.26 0.00	59.60 2.29 0.00	51.43 2.17 0.00	47.15 1.99 0.00	45.36 2.04 0.00	43.69 2.24 0.00	42.93 2.20 0.00	39.86 2.22 0.61	42.14 2.31 0.00	46.15 2.20 0.00	63.48 2.99 -0.67	69.37 2.70 -0.81	61.39 2.02 0.00	47.31 1.47 0.00	43.61 1.56 0.00	39.57 1.41 0.00	35.31 1.06 0.00
SHOREHAM_IC_1 23715	26.49 0.82 15.57	25.59 0.80 13.19	25.63 0.63 9.75	14.32 0.66 21.09	25.65 0.81 10.30	26.06 0.87 12.69	25.43 0.05 24.07	31.34 0.36 28.39	42.53 0.40 15.18	44.72 0.59 5.13	45.71 0.68 0.13	44.28 0.95 0.00	42.86 1.41 0.00	41.99 1.30 0.04	40.53 2.18 -0.11	41.66 1.83 0.00	44.91 0.97 0.01	47.79 1.31 13.35	46.41 0.52 19.98	45.57 -0.30 13.50	44.05 -0.41 1.38	26.22 0.21 16.05	28.43 0.46 10.19	25.86 0.17 8.56
SHOREHAM_IC_2 23716	26.57 0.91 15.57	25.59 0.80 13.19	25.70 0.70 9.75	14.33 0.66 21.09	25.61 0.77 10.30	26.02 0.83 12.69	25.24 -0.15 24.07	31.16 0.18 28.39	42.58 0.46 15.18	44.77 0.64 5.13	45.80 0.77 0.13	44.36 1.04 0.00	42.86 1.41 0.00	42.03 1.34 0.04	40.53 2.18 -0.11	41.50 1.67 0.00	44.83 0.88 0.01	47.91 1.44 13.35	46.54 0.66 19.98	45.63 -0.24 13.50	44.10 -0.37 1.38	26.13 0.13 16.05	28.46 0.50 10.19	25.83 0.14 8.56
SISSONVILLE___ 23735	42.23 0.99 0.00	38.97 0.99 0.00	35.73 0.97 0.00	35.42 0.66 0.00	35.85 0.70 0.00	38.91 1.02 0.00	50.94 1.48 0.00	61.15 1.78 0.00	58.68 1.38 0.00	50.15 0.89 0.00	45.75 0.59 0.00	43.93 0.61 0.00	41.74 0.29 0.00	40.85 0.12 0.00	38.17 -0.08 0.00	39.59 -0.24 0.00	43.52 -0.44 0.00	59.40 -0.42 0.00	65.93 0.07 0.00	60.20 0.83 0.00	46.53 0.69 0.00	42.77 0.71 0.00	38.73 0.57 0.00	34.80 0.55 0.00
SITHE_IND_GS1 24169	40.04 -1.20 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.92 -1.53 0.00	57.47 -1.90 0.00	55.47 -1.84 0.00	47.68 -1.58 0.00	43.67 -1.49 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.43 -1.31 0.00	37.02 -1.23 0.00	38.55 -1.28 0.00	42.64 -1.32 0.00	57.85 -1.97 0.00	63.89 -1.97 0.00	57.70 -1.66 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00
SITHE_IND_GS2 24170	40.04 -1.20 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.92 -1.53 0.00	57.47 -1.90 0.00	55.47 -1.84 0.00	47.68 -1.58 0.00	43.67 -1.49 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.43 -1.31 0.00	37.02 -1.23 0.00	38.55 -1.28 0.00	42.64 -1.32 0.00	57.85 -1.97 0.00	63.89 -1.97 0.00	57.70 -1.66 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00
SITHE_IND_GS3 24171	40.04 -1.20 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.92 -1.53 0.00	57.47 -1.90 0.00	55.47 -1.84 0.00	47.68 -1.58 0.00	43.67 -1.49 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.43 -1.31 0.00	37.02 -1.23 0.00	38.55 -1.28 0.00	42.64 -1.32 0.00	57.85 -1.97 0.00	63.89 -1.97 0.00	57.70 -1.66 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00
SITHE_IND_GS4 24172	40.04 -1.20 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.92 -1.53 0.00	57.47 -1.90 0.00	55.47 -1.84 0.00	47.68 -1.58 0.00	43.67 -1.49 0.00	41.94 -1.39 0.00	40.08 -1.37 0.00	39.43 -1.31 0.00	37.02 -1.23 0.00	38.55 -1.28 0.00	42.64 -1.32 0.00	57.85 -1.97 0.00	63.89 -1.97 0.00	57.70 -1.66 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00

SITHE____BATAVIA 24024	41.03 -0.21 0.00	37.56 -0.42 0.00	34.34 -0.42 0.00	34.45 -0.31 0.00	34.65 -0.49 0.00	36.60 -1.29 0.00	47.63 -1.83 0.00	56.22 -3.15 0.00	53.64 -3.67 0.00	46.11 -3.15 0.00	42.22 -2.93 0.00	40.98 -2.34 0.00	39.05 -2.41 0.00	38.66 -2.08 0.00	36.43 -1.80 0.02	37.80 -2.03 0.00	41.67 -2.29 0.00	55.93 -3.89 0.00	62.97 -2.90 0.00	58.24 -1.13 0.00	44.97 -0.87 0.00	41.43 -0.63 0.00	38.08 -0.08 0.00	35.01 0.75 0.00
SITHE____INDEPEND 23800	40.04 -1.20 0.00	36.84 -1.14 0.00	33.72 -1.04 0.00	33.72 -1.04 0.00	34.09 -1.05 0.00	36.75 -1.14 0.00	47.97 -1.48 0.00	57.53 -1.84 0.00	55.47 -1.83 0.00	47.68 -1.58 0.00	43.71 -1.45 0.00	41.94 -1.39 0.00	40.12 -1.33 0.00	39.43 -1.30 0.00	37.02 -1.22 0.00	38.59 -1.23 0.00	42.72 -1.23 0.00	57.91 -1.91 0.00	63.95 -1.91 0.00	57.76 -1.60 0.00	44.51 -1.33 0.00	40.84 -1.22 0.00	37.09 -1.07 0.00	33.33 -0.92 0.00
SITHE____MASSENA 23902	41.82 0.58 0.00	38.59 0.61 0.00	35.28 0.52 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.41 0.53 0.00	50.40 0.94 0.00	60.49 1.13 0.00	58.17 0.86 0.00	50.05 0.79 0.00	45.79 0.63 0.00	43.89 0.56 0.00	41.82 0.37 0.00	41.02 0.29 0.00	38.36 0.12 0.00	39.87 0.04 0.00	43.91 -0.04 0.00	60.00 0.18 0.00	66.39 0.52 0.00	60.26 0.89 0.00	46.53 0.69 0.00	42.52 0.46 0.00	38.46 0.30 0.00	34.60 0.34 0.00
SITHE____OGDNSBRG 24021	42.52 1.28 0.00	39.20 1.22 0.00	35.94 1.18 0.00	35.63 0.87 0.00	36.06 0.91 0.00	39.10 1.21 0.00	51.29 1.83 0.00	61.51 2.14 0.00	58.97 1.66 0.00	50.24 0.99 0.00	45.88 0.72 0.00	44.02 0.69 0.00	41.86 0.41 0.00	41.02 0.29 0.00	38.36 0.11 0.00	39.87 0.04 0.00	43.95 0.00 0.00	60.18 0.36 0.00	66.92 1.05 0.00	61.09 1.72 0.00	47.22 1.38 0.00	43.19 1.14 0.00	39.03 0.88 0.00	35.08 0.82 0.00
SITHE____STERLING 23777	42.02 0.78 0.00	38.66 0.68 0.00	35.42 0.66 0.00	35.35 0.59 0.00	35.78 0.63 0.00	38.68 0.80 0.00	50.60 1.14 0.00	60.79 1.42 0.00	58.57 1.26 0.00	50.00 0.74 0.00	45.61 0.45 0.00	43.71 0.39 0.00	41.78 0.33 0.00	41.06 0.32 0.00	38.44 0.19 0.00	40.18 0.36 0.00	44.44 0.48 0.00	60.60 0.78 0.00	67.11 1.25 0.00	60.85 1.48 0.00	46.85 1.01 0.00	42.94 0.88 0.00	38.88 0.72 0.00	34.90 0.65 0.00
SLEIGHT__34_KV_TB1 80719	40.70 -0.54 0.00	37.37 -0.61 0.00	34.20 -0.56 0.00	34.20 -0.56 0.00	34.51 -0.63 0.00	37.09 -0.80 0.00	48.57 -0.89 0.00	57.77 -1.60 0.00	55.41 -1.89 0.00	47.73 -1.53 0.00	43.71 -1.45 0.00	42.11 -1.21 0.00	40.17 -1.28 0.00	39.55 -1.18 0.00	37.14 -1.11 0.00	38.63 -1.19 0.00	42.94 -1.01 0.00	57.79 -2.03 0.00	64.61 -1.25 0.00	59.01 -0.36 0.00	45.34 -0.50 0.00	41.47 -0.59 0.00	37.81 -0.34 0.00	34.29 0.03 0.00
SMITHTWN_69_KV_BK 1 55830	22.64 1.53 20.12	22.27 1.33 17.04	23.37 1.22 12.60	8.65 1.15 27.26	23.10 1.27 13.31	22.88 1.40 16.40	20.15 0.64 29.95	28.00 1.13 32.50	42.55 1.32 16.07	45.26 1.43 5.43	46.53 1.54 0.16	45.10 1.78 0.00	43.61 2.16 0.00	42.76 2.08 0.05	41.30 2.94 -0.11	42.29 2.47 0.00	45.66 1.71 0.01	44.61 2.33 17.54	41.39 1.71 26.19	42.65 0.77 17.49	44.90 0.46 1.41	22.07 0.80 20.79	26.10 1.11 13.16	23.84 0.65 11.06
SOUTH CAIRO____GT 23612	42.56 1.32 0.00	39.12 1.14 0.00	35.80 1.04 0.00	35.80 1.04 0.00	36.20 1.05 0.00	39.17 1.29 0.00	51.09 1.63 0.00	61.45 2.08 0.00	59.37 2.06 0.00	50.44 1.18 0.00	46.24 1.08 0.00	44.10 0.78 0.00	42.20 0.75 0.00	41.43 0.69 0.00	38.97 0.69 -0.03	40.74 0.92 0.00	45.10 1.14 0.00	52.66 2.75 9.91	57.20 3.29 11.96	61.39 2.02 0.00	47.36 1.51 0.00	43.36 1.30 0.00	39.30 1.14 0.00	35.14 0.89 0.00
SOUTH HAMPTN____IC 23720	26.99 1.15 15.40	26.04 1.10 13.04	25.98 0.87 9.65	14.80 0.90 20.86	26.01 1.05 10.19	26.46 1.14 12.55	25.90 0.30 23.86	31.76 0.65 28.26	43.00 0.86 15.17	45.17 1.04 5.13	46.25 1.22 0.12	44.80 1.47 0.00	43.32 1.87 0.00	42.40 1.71 0.04	40.88 2.52 -0.11	42.01 2.19 0.00	45.35 1.41 0.01	48.60 1.97 13.19	47.37 1.25 19.74	46.38 0.36 13.35	44.46 0.00 1.38	26.61 0.42 15.87	28.65 0.57 10.08	26.13 0.34 8.47
SOUTHDOW_115KV_TB1 355954	40.74 -0.49 0.00	37.41 -0.57 0.00	34.52 -0.24 0.00	34.52 -0.24 0.00	34.69 -0.46 0.00	36.82 -1.06 0.00	48.42 -1.04 0.00	56.58 -2.79 0.00	53.47 -3.84 0.00	46.40 -2.86 0.00	42.54 -2.62 0.00	41.38 -1.95 0.00	39.59 -1.87 0.00	38.98 -1.75 0.00	36.74 -1.49 0.02	38.07 -1.75 0.00	42.50 -1.45 0.00	56.71 -3.11 0.00	63.82 -2.04 0.00	58.95 -0.42 0.00	45.43 -0.41 0.00	41.17 -0.88 0.00	37.81 -0.34 0.00	35.11 0.86 0.00
SOUTHOLD_69_KV_BK 2 55809	27.08 1.24 15.40	25.97 1.03 13.04	26.05 0.94 9.64	14.77 0.87 20.86	25.98 1.02 10.19	26.43 1.10 12.55	25.41 -0.20 23.85	31.36 0.24 28.25	42.94 0.80 15.17	45.27 1.13 5.13	46.53 1.49 0.12	44.97 1.65 0.00	43.48 2.03 0.00	42.48 1.79 0.04	40.88 2.52 -0.11	41.94 2.11 0.00	45.35 1.41 0.01	48.97 2.33 13.18	47.97 1.84 19.73	46.79 0.77 13.34	44.60 0.14 1.38	26.41 0.21 15.86	28.35 0.27 10.07	25.93 0.14 8.46
SOUTHOLD____IC 23719	26.95 1.11 15.40	26.00 1.06 13.04	25.95 0.83 9.64	14.77 0.87 20.86	26.01 1.05 10.19	26.47 1.14 12.55	25.61 0.00 23.85	31.54 0.42 28.25	42.94 0.80 15.17	45.22 1.08 5.13	46.44 1.40 0.12	44.93 1.60 0.00	43.48 2.03 0.00	42.44 1.75 0.04	40.88 2.52 -0.11	42.09 2.27 0.00	45.48 1.54 0.01	48.85 2.21 13.18	47.84 1.71 19.73	46.74 0.71 13.34	44.55 0.09 1.38	26.49 0.30 15.86	28.31 0.23 10.07	25.96 0.17 8.46
SOUTH_FORK_WT_PWR 323839	26.54 0.70 15.40	25.59 0.65 13.04	25.60 0.49 9.65	14.42 0.52 20.86	25.62 0.67 10.19	26.05 0.72 12.55	24.91 -0.69 23.85	30.76 -0.35 28.26	42.25 0.11 15.17	44.73 0.59 5.13	46.03 0.99 0.12	44.50 1.17 0.00	43.07 1.61 0.00	42.03 1.34 0.04	40.46 2.10 -0.11	41.70 1.87 0.00	45.05 1.10 0.01	48.37 1.74 13.18	47.37 1.25 19.74	46.32 0.30 13.35	44.14 -0.32 1.38	25.94 -0.25 15.86	27.74 -0.34 10.08	25.58 -0.20 8.47
SPIERFLS_115KV_TB 1 80737	42.35 1.11 0.00	38.97 0.99 0.00	35.63 0.87 0.00	35.70 0.94 0.00	36.13 0.98 0.00	39.13 1.25 0.00	51.39 1.93 0.00	61.63 2.26 0.00	59.60 2.29 0.00	50.69 1.43 0.00	46.42 1.26 0.00	44.15 0.82 0.00	42.11 0.66 0.00	41.30 0.57 0.00	38.81 0.54 -0.02	40.50 0.68 0.00	44.88 0.92 0.00	67.23 1.91 -5.50	74.80 2.31 -6.64	61.15 1.78 0.00	47.17 1.33 0.00	43.11 1.05 0.00	39.00 0.84 0.00	34.77 0.51 0.00
ST LAWRENCE____ 23600	41.40 0.17 0.00	38.17 0.19 0.00	34.90 0.14 0.00	34.83 0.07 0.00	35.21 0.07 0.00	38.04 0.15 0.00	49.81 0.35 0.00	59.79 0.42 0.00	57.59 0.29 0.00	49.56 0.30 0.00	45.39 0.23 0.00	43.50 0.17 0.00	41.49 0.04 0.00	40.69 -0.04 0.00	38.13 -0.11 0.00	39.63 -0.20 0.00	43.74 -0.22 0.00	59.64 -0.18 0.00	65.86 0.00 0.00	59.55 0.18 0.00	46.03 0.18 0.00	42.14 0.08 0.00	38.16 0.00 0.00	34.29 0.03 0.00

STATE_CA_115KV_115_LB 55624	41.65 0.41 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.50 0.35 0.00	38.34 0.45 0.00	50.00 0.54 0.00	60.14 0.77 0.00	58.34 1.03 0.00	50.05 0.79 0.00	46.06 0.90 0.00	44.06 0.74 0.00	42.20 0.75 0.00	41.51 0.77 0.00	39.08 0.80 -0.03	40.70 0.88 0.00	44.79 0.84 0.00	64.71 1.50 -3.39	71.27 1.32 -4.09	60.08 0.71 0.00	46.44 0.60 0.00	42.56 0.50 0.00	38.61 0.46 0.00	34.63 0.38 0.00
STATE_ST_34_KV_LOAD 55959	41.16 -0.08 0.00	37.90 -0.08 0.00	34.66 -0.10 0.00	34.69 -0.07 0.00	35.04 -0.11 0.00	37.77 -0.11 0.00	49.41 -0.05 0.00	59.13 -0.24 0.00	56.85 -0.46 0.00	48.87 -0.39 0.00	44.66 -0.50 0.00	42.89 -0.43 0.00	40.95 -0.50 0.00	40.24 -0.49 0.00	37.83 -0.42 0.00	39.43 -0.40 0.00	43.78 -0.18 0.00	59.34 -0.48 0.00	65.93 0.07 0.00	59.78 0.42 0.00	45.98 0.14 0.00	42.06 0.00 0.00	38.19 0.04 0.00	34.36 0.10 0.00
STATION_5_MISC_HYD 23604	40.79 -0.45 0.00	37.37 -0.61 0.00	34.17 -0.59 0.00	34.24 -0.52 0.00	34.51 -0.63 0.00	36.90 -0.99 0.00	48.07 -1.38 0.00	57.11 -2.26 0.00	54.79 -2.52 0.00	47.19 -2.07 0.00	43.26 -1.89 0.00	41.81 -1.52 0.00	39.83 -1.62 0.00	39.39 -1.34 0.00	37.02 -1.23 0.00	38.47 -1.35 0.00	42.42 -1.54 0.00	57.19 -2.63 0.00	63.89 -1.97 0.00	58.66 -0.71 0.00	45.20 -0.64 0.00	41.51 -0.55 0.00	38.00 -0.15 0.00	34.60 0.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.91 -0.33 0.00	37.60 -0.38 0.00	34.41 -0.35 0.00	34.41 -0.35 0.00	34.72 -0.42 0.00	37.28 -0.61 0.00	48.82 -0.64 0.00	57.94 -1.42 0.00	55.53 -1.78 0.00	47.83 -1.43 0.00	43.80 -1.35 0.00	42.20 -1.13 0.00	40.33 -1.12 0.00	39.67 -1.06 0.00	37.29 -0.96 0.00	38.83 -1.00 0.00	43.12 -0.84 0.00	58.02 -1.79 0.00	64.87 -0.99 0.00	59.25 -0.12 0.00	45.57 -0.28 0.00	41.68 -0.38 0.00	38.04 -0.11 0.00	34.53 0.27 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.70 -0.54 0.00	37.33 -0.65 0.00	34.17 -0.59 0.00	34.13 -0.63 0.00	34.44 -0.70 0.00	36.86 -1.02 0.00	48.32 -1.14 0.00	57.11 -2.26 0.00	54.73 -2.58 0.00	47.24 -2.02 0.00	43.31 -1.85 0.00	41.81 -1.52 0.00	39.92 -1.53 0.00	39.35 -1.38 0.00	36.98 -1.26 0.00	38.43 -1.39 0.00	42.77 -1.19 0.00	57.31 -2.51 0.00	64.08 -1.78 0.00	58.71 -0.65 0.00	45.16 -0.69 0.00	41.34 -0.71 0.00	37.77 -0.38 0.00	34.42 0.17 0.00
STA_56___34_KV_BUS2 355983	40.70 -0.54 0.00	37.33 -0.65 0.00	34.17 -0.59 0.00	34.13 -0.63 0.00	34.44 -0.70 0.00	36.86 -1.02 0.00	48.32 -1.14 0.00	57.11 -2.26 0.00	54.73 -2.58 0.00	47.24 -2.02 0.00	43.31 -1.85 0.00	41.81 -1.52 0.00	39.92 -1.53 0.00	39.35 -1.38 0.00	36.98 -1.26 0.00	38.43 -1.39 0.00	42.77 -1.19 0.00	57.31 -2.51 0.00	64.08 -1.78 0.00	58.71 -0.65 0.00	45.16 -0.69 0.00	41.34 -0.71 0.00	37.77 -0.38 0.00	34.42 0.17 0.00
STA_67___115KV_BK2 355882	40.87 -0.37 0.00	37.49 -0.49 0.00	34.31 -0.45 0.00	34.27 -0.49 0.00	34.58 -0.56 0.00	36.94 -0.95 0.00	48.42 -1.04 0.00	57.23 -2.14 0.00	54.73 -2.58 0.00	47.29 -1.97 0.00	43.35 -1.81 0.00	41.85 -1.47 0.00	40.00 -1.45 0.00	39.39 -1.34 0.00	37.06 -1.19 0.00	38.51 -1.31 0.00	42.86 -1.10 0.00	57.37 -2.45 0.00	64.22 -1.65 0.00	58.83 -0.53 0.00	45.29 -0.55 0.00	41.43 -0.63 0.00	37.93 -0.23 0.00	34.56 0.31 0.00
STA_7___115KV_9TRANS 80674	41.07 -0.16 0.00	37.68 -0.30 0.00	34.52 -0.24 0.00	34.48 -0.28 0.00	34.76 -0.39 0.00	37.16 -0.72 0.00	48.77 -0.69 0.00	57.65 -1.72 0.00	55.19 -2.12 0.00	47.63 -1.63 0.00	43.67 -1.49 0.00	42.16 -1.17 0.00	40.25 -1.20 0.00	39.67 -1.06 0.00	37.29 -0.96 0.00	38.79 -1.04 0.00	43.16 -0.79 0.00	57.79 -2.03 0.00	64.74 -1.12 0.00	59.31 -0.06 0.00	45.61 -0.23 0.00	41.76 -0.29 0.00	38.16 0.00 0.00	34.77 0.51 0.00
STA_82___115KV_TB1 80780	40.87 -0.37 0.00	37.49 -0.49 0.00	34.31 -0.45 0.00	34.27 -0.49 0.00	34.58 -0.56 0.00	36.97 -0.91 0.00	48.42 -1.04 0.00	57.23 -2.14 0.00	54.78 -2.52 0.00	47.29 -1.97 0.00	43.35 -1.81 0.00	41.85 -1.47 0.00	40.00 -1.45 0.00	39.39 -1.34 0.00	37.06 -1.19 0.00	38.55 -1.27 0.00	42.90 -1.05 0.00	57.37 -2.45 0.00	64.22 -1.65 0.00	58.83 -0.53 0.00	45.29 -0.55 0.00	41.47 -0.59 0.00	37.93 -0.23 0.00	34.60 0.34 0.00
STEEL___WIND 323596	40.13 -1.11 0.00	36.76 -1.22 0.00	33.65 -1.11 0.00	33.75 -1.01 0.00	33.91 -1.23 0.00	35.91 -1.97 0.00	46.49 -2.97 0.00	54.56 -4.81 0.00	51.86 -5.45 0.00	44.83 -4.43 0.00	41.23 -3.93 0.00	40.12 -3.21 0.00	38.30 -3.15 0.00	37.96 -2.77 0.00	35.82 -2.41 0.02	37.12 -2.71 0.00	40.92 -3.03 0.00	54.67 -5.14 0.00	61.25 -4.61 0.00	56.70 -2.67 0.00	44.01 -1.84 0.00	40.29 -1.76 0.00	37.24 -0.92 0.00	34.53 0.27 0.00
STEPHTWN_115KV_BK_2 55603	41.82 0.58 0.00	38.51 0.53 0.00	35.25 0.49 0.00	35.28 0.52 0.00	35.67 0.53 0.00	38.53 0.64 0.00	50.30 0.84 0.00	60.44 1.07 0.00	58.62 1.32 0.00	50.24 0.99 0.00	46.24 1.08 0.00	44.19 0.87 0.00	42.32 0.87 0.00	41.59 0.86 0.00	39.19 0.92 -0.03	40.82 1.00 0.00	44.97 1.01 0.00	43.27 1.79 18.35	45.44 1.71 22.13	60.44 1.07 0.00	46.67 0.83 0.00	42.77 0.71 0.00	38.84 0.69 0.00	34.80 0.55 0.00
STEUBEN_REC_LFGE 323667	41.16 -0.08 0.00	37.64 -0.34 0.00	34.52 -0.24 0.00	34.48 -0.28 0.00	34.83 -0.32 0.00	37.28 -0.61 0.00	48.77 -0.69 0.00	57.53 -1.84 0.00	53.52 -3.78 0.00	46.01 -3.25 0.00	42.04 -3.12 0.00	40.60 -2.73 0.00	38.80 -2.65 0.00	38.17 -2.57 0.00	35.93 -2.29 0.02	37.79 -2.03 0.00	42.20 -1.76 0.00	57.13 -2.69 0.00	64.81 -1.05 0.00	59.55 0.18 0.00	45.98 0.14 0.00	41.85 -0.21 0.00	38.27 0.11 0.00	35.01 0.75 0.00
STILLWATER___SOLAR 323814	42.68 1.44 0.00	39.31 1.33 0.00	35.98 1.22 0.00	35.98 1.22 0.00	36.41 1.26 0.00	39.36 1.48 0.00	51.49 2.03 0.00	61.75 2.38 0.00	59.71 2.41 0.00	50.98 1.72 0.00	46.70 1.54 0.00	44.58 1.26 0.00	42.61 1.16 0.00	41.83 1.10 0.00	39.34 1.07 -0.03	41.06 1.24 0.00	45.45 1.50 0.00	68.74 2.45 -6.47	76.37 2.70 -7.80	61.50 2.13 0.00	47.49 1.65 0.00	43.49 1.43 0.00	39.41 1.26 0.00	35.21 0.96 0.00
STONY___BROOK 24151	25.34 1.40 17.30	24.70 1.37 14.65	25.04 1.11 10.83	12.48 1.15 23.43	25.00 1.30 11.44	25.19 1.40 14.10	23.90 0.74 26.30	30.63 1.19 29.93	43.07 1.26 15.50	45.35 1.33 5.24	46.28 1.26 0.14	44.88 1.56 0.00	43.44 1.99 0.00	42.60 1.91 0.05	41.22 2.87 -0.11	42.30 2.47 0.00	45.66 1.71 0.01	47.03 2.15 14.94	44.97 1.45 22.34	44.94 0.59 15.02	44.78 0.32 1.39	25.01 0.80 17.85	27.91 1.07 11.32	25.43 0.68 9.51
STURGEON_POOL_HYD 23609	43.22 1.98 0.00	39.80 1.82 0.00	36.32 1.56 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.49 2.03 0.00	62.04 2.67 0.00	60.11 2.81 0.00	51.87 2.61 0.00	47.51 2.35 0.00	45.66 2.34 0.00	44.02 2.57 0.00	43.30 2.57 0.00	40.83 2.52 -0.06	42.41 2.59 0.00	46.42 2.46 0.00	61.88 3.65 1.59	67.30 3.36 1.92	61.56 2.20 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.49 1.23 0.00

ST_LAW_115_BK7_LBMP 345037	41.40 0.17 0.00	38.17 0.19 0.00	34.93 0.17 0.00	34.83 0.07 0.00	35.25 0.11 0.00	38.04 0.15 0.00	49.81 0.35 0.00	59.84 0.47 0.00	57.59 0.29 0.00	49.56 0.30 0.00	45.39 0.23 0.00	43.50 0.17 0.00	41.49 0.04 0.00	40.69 -0.04 0.00	38.13 -0.11 0.00	39.63 -0.20 0.00	43.69 -0.26 0.00	59.64 -0.18 0.00	65.86 0.00 0.00	59.61 0.24 0.00	46.03 0.18 0.00	42.14 0.08 0.00	38.16 0.00 0.00	34.29 0.03 0.00
ST_LAW_115_BK8_LBMP 345038	41.40 0.17 0.00	38.17 0.19 0.00	34.93 0.17 0.00	34.83 0.07 0.00	35.25 0.11 0.00	38.04 0.15 0.00	49.81 0.35 0.00	59.84 0.47 0.00	57.59 0.29 0.00	49.56 0.30 0.00	45.39 0.23 0.00	43.50 0.17 0.00	41.49 0.04 0.00	40.69 -0.04 0.00	38.13 -0.11 0.00	39.63 -0.20 0.00	43.69 -0.26 0.00	59.64 -0.18 0.00	65.86 0.00 0.00	59.61 0.24 0.00	46.03 0.18 0.00	42.14 0.08 0.00	38.16 0.00 0.00	34.29 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	41.40 0.17 0.00	38.17 0.19 0.00	34.90 0.14 0.00	34.83 0.07 0.00	35.21 0.07 0.00	38.04 0.15 0.00	49.81 0.35 0.00	59.79 0.42 0.00	57.59 0.29 0.00	49.56 0.30 0.00	45.39 0.23 0.00	43.50 0.17 0.00	41.49 0.04 0.00	40.69 -0.04 0.00	38.13 -0.11 0.00	39.63 -0.20 0.00	43.74 -0.22 0.00	59.64 -0.18 0.00	65.86 0.00 0.00	59.55 0.18 0.00	46.03 0.18 0.00	42.14 0.08 0.00	38.16 0.00 0.00	34.29 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	41.40 0.17 0.00	38.17 0.19 0.00	34.90 0.14 0.00	34.83 0.07 0.00	35.21 0.07 0.00	38.04 0.15 0.00	49.81 0.35 0.00	59.79 0.42 0.00	57.59 0.29 0.00	49.56 0.30 0.00	45.39 0.23 0.00	43.50 0.17 0.00	41.49 0.04 0.00	40.69 -0.04 0.00	38.13 -0.11 0.00	39.63 -0.20 0.00	43.74 -0.22 0.00	59.64 -0.18 0.00	65.86 0.00 0.00	59.55 0.18 0.00	46.03 0.18 0.00	42.14 0.08 0.00	38.16 0.00 0.00	34.29 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.93 1.69 0.00	39.58 1.60 0.00	36.15 1.39 0.00	36.22 1.46 0.00	36.66 1.51 0.00	39.51 1.63 0.00	51.34 1.88 0.00	61.80 2.43 0.00	59.77 2.46 0.00	51.62 2.36 0.00	47.37 2.21 0.00	45.58 2.25 0.00	43.94 2.49 0.00	43.22 2.48 0.00	40.81 2.45 -0.12	42.37 2.55 0.00	46.37 2.42 0.00	63.82 3.29 -0.71	69.68 2.96 -0.85	61.50 2.14 0.00	47.45 1.60 0.00	43.74 1.68 0.00	39.68 1.53 0.00	35.42 1.16 0.00
SWANROAD_115KV_TB1 355699	40.13 -1.11 0.00	36.76 -1.22 0.00	33.79 -0.97 0.00	33.72 -1.04 0.00	33.95 -1.19 0.00	35.23 -2.65 0.00	45.90 -3.56 0.00	53.37 -6.00 0.00	50.49 -6.82 0.00	43.89 -5.37 0.00	40.37 -4.79 0.00	39.25 -4.07 0.00	37.60 -3.85 0.00	37.15 -3.58 0.00	35.13 -3.10 0.02	36.44 -3.39 0.00	40.70 -3.25 0.00	53.54 -6.28 0.00	60.13 -5.73 0.00	55.45 -3.92 0.00	43.09 -2.75 0.00	39.36 -2.69 0.00	36.48 -1.68 0.00	33.94 -0.31 0.00
SYNERGY___BIOGAS 323694	41.32 0.08 0.00	37.87 -0.11 0.00	34.73 -0.03 0.00	34.66 -0.10 0.00	34.90 -0.25 0.00	36.86 -1.02 0.00	48.37 -1.09 0.00	56.70 -2.67 0.00	53.87 -3.44 0.00	46.45 -2.81 0.00	42.54 -2.62 0.00	41.20 -2.12 0.00	39.42 -2.03 0.00	38.90 -1.83 0.00	36.62 -1.61 0.02	38.07 -1.75 0.00	42.50 -1.45 0.00	56.47 -3.35 0.00	63.69 -2.17 0.00	58.77 -0.59 0.00	45.29 -0.55 0.00	41.47 -0.59 0.00	38.08 -0.08 0.00	35.08 0.82 0.00
SYRACUSE___ENERGY_ST1 323597	40.95 -0.29 0.00	37.71 -0.27 0.00	34.48 -0.28 0.00	34.48 -0.28 0.00	34.86 -0.28 0.00	37.62 -0.27 0.00	49.11 -0.35 0.00	58.89 -0.47 0.00	56.79 -0.52 0.00	48.82 -0.44 0.00	44.71 -0.45 0.00	42.89 -0.43 0.00	40.99 -0.46 0.00	40.28 -0.45 0.00	37.79 -0.46 0.00	39.39 -0.44 0.00	43.65 -0.31 0.00	59.22 -0.60 0.00	65.53 -0.33 0.00	59.31 -0.06 0.00	45.66 -0.18 0.00	41.80 -0.25 0.00	37.96 -0.19 0.00	34.12 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	40.95 -0.29 0.00	37.71 -0.27 0.00	34.48 -0.28 0.00	34.48 -0.28 0.00	34.86 -0.28 0.00	37.62 -0.27 0.00	49.11 -0.35 0.00	58.89 -0.47 0.00	56.79 -0.52 0.00	48.82 -0.44 0.00	44.71 -0.45 0.00	42.89 -0.43 0.00	40.99 -0.46 0.00	40.28 -0.45 0.00	37.79 -0.46 0.00	39.39 -0.44 0.00	43.65 -0.31 0.00	59.22 -0.60 0.00	65.53 -0.33 0.00	59.31 -0.06 0.00	45.66 -0.18 0.00	41.80 -0.25 0.00	37.96 -0.19 0.00	34.12 -0.14 0.00
SYRACUSE___POWER 24017	40.87 -0.37 0.00	37.64 -0.34 0.00	34.41 -0.35 0.00	34.41 -0.35 0.00	34.79 -0.35 0.00	37.54 -0.34 0.00	49.01 -0.45 0.00	58.78 -0.59 0.00	56.68 -0.63 0.00	48.72 -0.54 0.00	44.62 -0.54 0.00	42.80 -0.52 0.00	40.91 -0.54 0.00	40.20 -0.53 0.00	37.75 -0.50 0.00	39.35 -0.48 0.00	43.60 -0.35 0.00	59.16 -0.66 0.00	65.47 -0.40 0.00	59.19 -0.18 0.00	45.57 -0.28 0.00	41.72 -0.34 0.00	37.93 -0.23 0.00	34.05 -0.21 0.00
TALLMAN__138KV_BK151 55660	43.05 1.81 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.32 1.56 0.00	36.76 1.62 0.00	39.63 1.74 0.00	51.44 1.98 0.00	61.98 2.61 0.00	59.94 2.64 0.00	51.87 2.61 0.00	47.64 2.48 0.00	45.84 2.51 0.00	44.19 2.74 0.00	43.46 2.73 0.00	41.16 2.75 -0.16	42.65 2.83 0.00	46.59 2.64 0.00	64.18 3.59 -0.77	69.95 3.16 -0.93	61.68 2.32 0.00	47.54 1.70 0.00	43.86 1.81 0.00	39.80 1.64 0.00	35.52 1.27 0.00
TEALLAVE_115KV_TB7 355573	40.74 -0.49 0.00	37.49 -0.49 0.00	34.31 -0.45 0.00	34.31 -0.45 0.00	34.69 -0.46 0.00	37.43 -0.45 0.00	48.82 -0.64 0.00	58.54 -0.83 0.00	56.45 -0.86 0.00	48.57 -0.69 0.00	44.48 -0.68 0.00	42.72 -0.61 0.00	40.83 -0.62 0.00	40.12 -0.61 0.00	37.63 -0.61 0.00	39.23 -0.60 0.00	43.47 -0.48 0.00	58.92 -0.90 0.00	65.14 -0.72 0.00	58.89 -0.47 0.00	45.38 -0.46 0.00	41.55 -0.50 0.00	37.77 -0.38 0.00	33.94 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	40.66 -0.58 0.00	37.26 -0.72 0.00	34.20 -0.56 0.00	34.13 -0.63 0.00	34.37 -0.77 0.00	36.07 -1.82 0.00	47.13 -2.32 0.00	55.04 -4.33 0.00	52.15 -5.16 0.00	45.22 -4.04 0.00	41.50 -3.66 0.00	40.29 -3.03 0.00	38.55 -2.90 0.00	38.04 -2.69 0.00	35.90 -2.33 0.02	37.28 -2.55 0.00	41.63 -2.33 0.00	55.03 -4.79 0.00	61.91 -3.95 0.00	57.11 -2.26 0.00	44.19 -1.65 0.00	40.42 -1.64 0.00	37.32 -0.84 0.00	34.56 0.31 0.00
TEMPLE___115KV_TB 2 55572	40.78 -0.45 0.00	37.52 -0.46 0.00	34.31 -0.45 0.00	34.34 -0.42 0.00	34.72 -0.42 0.00	37.43 -0.45 0.00	48.86 -0.59 0.00	58.60 -0.77 0.00	56.50 -0.80 0.00	48.62 -0.64 0.00	44.53 -0.63 0.00	42.72 -0.61 0.00	40.83 -0.62 0.00	40.12 -0.61 0.00	37.67 -0.57 0.00	39.27 -0.56 0.00	43.47 -0.48 0.00	58.98 -0.84 0.00	65.20 -0.66 0.00	58.95 -0.42 0.00	45.38 -0.46 0.00	41.59 -0.46 0.00	37.81 -0.34 0.00	33.98 -0.27 0.00
TIANA____69_KV_BK 1 55817	27.08 1.24 15.40	26.04 1.10 13.04	26.09 0.97 9.64	14.84 0.94 20.86	26.01 1.05 10.19	26.47 1.14 12.55	25.81 0.20 23.85	31.71 0.59 28.25	43.06 0.92 15.17	45.27 1.13 5.13	46.30 1.26 0.12	44.84 1.52 0.00	43.32 1.87 0.00	42.44 1.75 0.04	40.88 2.52 -0.11	41.90 2.07 0.00	45.27 1.32 0.01	48.67 2.03 13.18	47.44 1.32 19.74	46.44 0.42 13.35	44.51 0.05 1.38	26.61 0.42 15.86	28.77 0.69 10.07	26.13 0.34 8.47

TILDEN___115KV_TB1 80814	40.87 -0.37 0.00	37.64 -0.34 0.00	34.41 -0.35 0.00	34.41 -0.35 0.00	34.79 -0.35 0.00	37.54 -0.34 0.00	49.01 -0.45 0.00	58.78 -0.59 0.00	56.68 -0.63 0.00	48.72 -0.54 0.00	44.62 -0.54 0.00	42.80 -0.52 0.00	40.91 -0.54 0.00	40.20 -0.53 0.00	37.75 -0.50 0.00	39.35 -0.48 0.00	43.60 -0.35 0.00	59.16 -0.66 0.00	65.47 -0.40 0.00	59.19 -0.18 0.00	45.57 -0.28 0.00	41.72 -0.34 0.00	37.93 -0.23 0.00	34.05 -0.21 0.00
TRIGEN___CC 323695	42.85 1.61 0.00	39.42 1.44 0.00	36.08 1.32 0.00	36.05 1.29 0.00	36.51 1.37 0.00	39.36 1.48 0.00	49.80 1.29 0.94	57.95 1.84 3.26	56.63 2.06 2.74	50.40 2.07 0.93	47.37 2.21 0.01	45.66 2.34 0.00	44.10 2.65 0.00	43.30 2.57 0.00	41.37 3.02 -0.11	42.57 2.75 0.00	46.23 2.29 0.01	63.73 3.05 -0.86	69.40 2.50 -1.04	60.90 1.54 0.01	46.65 1.10 0.30	43.35 1.30 0.01	39.37 1.22 0.01	35.10 0.86 0.01
TRINITY___115KV___4 BK 55933	41.49 0.25 0.00	38.21 0.23 0.00	35.00 0.24 0.00	35.04 0.28 0.00	35.39 0.25 0.00	38.22 0.34 0.00	49.85 0.40 0.00	59.96 0.59 0.00	58.17 0.86 0.00	49.90 0.64 0.00	45.97 0.81 0.00	43.93 0.61 0.00	42.11 0.66 0.00	41.43 0.69 0.00	39.04 0.76 -0.03	40.66 0.84 0.00	44.75 0.79 0.00	58.62 1.38 2.58	63.87 1.12 3.11	59.90 0.53 0.00	46.30 0.46 0.00	42.43 0.38 0.00	38.54 0.38 0.00	34.56 0.31 0.00
UNION___PROCESSING_DRP 323587	40.87 -0.37 0.00	37.49 -0.49 0.00	34.34 -0.42 0.00	34.31 -0.45 0.00	34.58 -0.56 0.00	36.97 -0.91 0.00	48.47 -0.99 0.00	57.23 -2.14 0.00	54.78 -2.52 0.00	47.29 -1.97 0.00	43.35 -1.81 0.00	41.85 -1.47 0.00	40.00 -1.45 0.00	39.43 -1.30 0.00	37.06 -1.19 0.00	38.55 -1.27 0.00	42.90 -1.05 0.00	57.37 -2.45 0.00	64.28 -1.58 0.00	58.83 -0.53 0.00	45.29 -0.55 0.00	41.47 -0.59 0.00	37.93 -0.23 0.00	34.60 0.34 0.00
UPPER HUDSON___HYD 24058	42.35 1.11 0.00	39.01 1.03 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.16 1.02 0.00	39.13 1.25 0.00	51.39 1.93 0.00	61.62 2.26 0.00	59.54 2.23 0.00	50.64 1.38 0.00	46.33 1.17 0.00	44.11 0.78 0.00	42.11 0.66 0.00	41.30 0.57 0.00	38.77 0.50 -0.02	40.50 0.68 0.00	44.88 0.92 0.00	67.18 1.86 -5.50	74.74 2.24 -6.64	61.09 1.72 0.00	47.17 1.33 0.00	43.06 1.01 0.00	38.99 0.84 0.00	34.77 0.51 0.00
UPPER RAQUET___HYD 24056	42.23 0.99 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.42 0.66 0.00	35.85 0.70 0.00	38.91 1.02 0.00	51.14 1.68 0.00	61.45 2.08 0.00	58.97 1.66 0.00	50.44 1.18 0.00	46.02 0.86 0.00	44.11 0.78 0.00	41.86 0.41 0.00	41.02 0.29 0.00	38.28 0.04 0.00	39.71 -0.12 0.00	43.69 -0.26 0.00	59.76 -0.06 0.00	66.26 0.40 0.00	60.44 1.07 0.00	46.67 0.83 0.00	42.81 0.76 0.00	38.73 0.57 0.00	34.80 0.55 0.00
VALLEY44_115KV_TB2 355964	39.80 -1.44 0.00	36.57 -1.41 0.00	33.61 -1.15 0.00	33.58 -1.18 0.00	33.81 -1.34 0.00	35.88 -2.01 0.00	47.08 -2.37 0.00	54.98 -4.39 0.00	51.86 -5.44 0.00	45.17 -4.09 0.00	41.41 -3.75 0.00	40.25 -3.08 0.00	38.59 -2.86 0.00	38.09 -2.65 0.00	35.93 -2.29 0.02	37.28 -2.55 0.00	41.58 -2.37 0.00	55.21 -4.61 0.00	61.91 -3.95 0.00	56.93 -2.43 0.00	44.06 -1.79 0.00	40.04 -2.02 0.00	36.71 -1.45 0.00	34.12 -0.14 0.00
VALLEY___115KV_TB 1-4 80826	42.23 0.99 0.00	38.85 0.87 0.00	35.56 0.80 0.00	35.56 0.80 0.00	35.95 0.81 0.00	38.83 0.95 0.00	50.84 1.38 0.00	61.09 1.72 0.00	59.03 1.72 0.00	50.64 1.38 0.00	46.33 1.17 0.00	44.41 1.08 0.00	42.40 0.95 0.00	41.59 0.86 0.00	39.01 0.76 0.00	40.62 0.80 0.00	44.88 0.92 0.00	61.14 1.32 0.00	67.44 1.58 0.00	60.91 1.54 0.00	47.04 1.19 0.00	43.19 1.14 0.00	39.22 1.07 0.00	35.21 0.96 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.68 1.44 0.00	39.31 1.33 0.00	35.98 1.22 0.00	35.98 1.22 0.00	36.37 1.23 0.00	39.21 1.33 0.00	51.29 1.83 0.00	61.63 2.26 0.00	59.43 2.12 0.00	50.89 1.63 0.00	46.42 1.26 0.00	44.54 1.21 0.00	42.69 1.24 0.00	41.95 1.22 0.00	39.31 1.11 0.04	41.10 1.27 0.00	45.36 1.41 0.00	61.85 2.03 0.00	68.10 2.24 0.00	61.56 2.20 0.00	47.45 1.60 0.00	43.57 1.51 0.00	39.49 1.34 0.00	35.42 1.16 0.00
VISCHER___FERRY HYD 24020	42.31 1.07 0.00	38.97 0.99 0.00	35.66 0.90 0.00	35.70 0.94 0.00	36.13 0.98 0.00	38.98 1.10 0.00	50.94 1.48 0.00	61.15 1.78 0.00	59.19 1.89 0.00	50.84 1.58 0.00	46.65 1.49 0.00	44.62 1.30 0.00	42.78 1.33 0.00	42.07 1.34 0.00	39.61 1.34 -0.03	41.26 1.43 0.00	45.53 1.58 0.00	71.92 2.45 -9.64	80.00 2.50 -11.63	61.09 1.72 0.00	47.22 1.37 0.00	43.23 1.18 0.00	39.22 1.07 0.00	35.07 0.82 0.00
V_A_10_SYNC_DSASP 323832	40.17 -1.07 0.00	36.84 -1.14 0.00	33.79 -0.97 0.00	33.75 -1.01 0.00	34.02 -1.12 0.00	36.03 -1.86 0.00	46.94 -2.52 0.00	54.80 -4.57 0.00	51.98 -5.33 0.00	45.17 -4.09 0.00	41.50 -3.66 0.00	40.34 -2.99 0.00	38.59 -2.86 0.00	38.13 -2.61 0.00	35.97 -2.26 0.02	37.36 -2.47 0.00	41.71 -2.24 0.00	55.09 -4.73 0.00	61.71 -4.15 0.00	56.70 -2.67 0.00	44.01 -1.83 0.00	40.16 -1.89 0.00	37.13 -1.03 0.00	34.39 0.14 0.00
V_CMM_10_SYNC_DSASP 323787	41.57 0.33 0.00	38.36 0.38 0.00	35.11 0.35 0.00	34.97 0.21 0.00	35.36 0.21 0.00	38.22 0.34 0.00	49.90 0.45 0.00	59.90 0.53 0.00	57.76 0.46 0.00	49.60 0.34 0.00	45.43 0.27 0.00	43.63 0.30 0.00	41.57 0.12 0.00	40.77 0.04 0.00	38.17 -0.08 0.00	39.67 -0.16 0.00	43.73 -0.22 0.00	59.64 -0.18 0.00	65.86 0.00 0.00	59.66 0.30 0.00	46.16 0.32 0.00	42.31 0.25 0.00	38.27 0.11 0.00	34.42 0.17 0.00
V_CMP_10_SYNC_DSASP 323788	42.89 1.65 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.70 1.82 0.00	52.23 2.77 0.00	62.63 3.26 0.00	60.17 2.86 0.00	51.67 2.41 0.00	47.10 1.94 0.00	44.97 1.65 0.00	42.40 0.95 0.00	41.26 0.53 0.00	38.28 0.04 0.00	39.51 -0.32 0.00	43.47 -0.48 0.00	59.82 0.00 0.00	66.78 0.92 0.00	60.85 1.48 0.00	46.94 1.10 0.00	42.81 0.76 0.00	38.69 0.53 0.00	34.94 0.68 0.00
V_D_10_SYNC_DSASP 323841	41.82 0.58 0.00	38.59 0.61 0.00	35.28 0.52 0.00	35.14 0.38 0.00	35.53 0.39 0.00	38.41 0.53 0.00	50.40 0.94 0.00	60.49 1.13 0.00	58.17 0.86 0.00	50.05 0.79 0.00	45.79 0.63 0.00	43.89 0.56 0.00	41.82 0.37 0.00	41.02 0.29 0.00	38.36 0.12 0.00	39.87 0.04 0.00	43.91 -0.04 0.00	60.00 0.18 0.00	66.39 0.52 0.00	60.26 0.89 0.00	46.53 0.69 0.00	42.52 0.46 0.00	38.46 0.30 0.00	34.56 0.31 0.00
V_E_10_SYNC_DSASP 323830	43.18 1.94 0.00	39.50 1.52 0.00	36.29 1.53 0.00	36.19 1.43 0.00	36.69 1.54 0.00	39.70 1.82 0.00	52.18 2.72 0.00	62.69 3.32 0.00	60.00 2.69 0.00	50.69 1.43 0.00	45.70 0.54 0.00	43.71 0.39 0.00	41.58 0.12 0.00	40.77 0.04 0.00	38.03 -0.19 0.03	40.07 0.24 0.00	44.70 0.75 0.00	61.37 1.55 0.00	68.83 2.97 0.00	63.28 3.92 0.00	48.55 2.70 0.00	44.41 2.35 0.00	40.10 1.94 0.00	36.10 1.85 0.00



V_F_30_NSYNC___DSASP 323816	42.72 1.48 0.00	39.35 1.37 0.00	36.01 1.25 0.00	36.01 1.25 0.00	36.45 1.30 0.00	39.40 1.52 0.00	51.54 2.08 0.00	61.80 2.44 0.00	59.77 2.46 0.00	51.03 1.77 0.00	46.74 1.58 0.00	44.62 1.30 0.00	42.65 1.20 0.00	41.91 1.18 0.00	39.38 1.11 -0.03	41.10 1.27 0.00	45.49 1.54 0.00	68.37 2.51 -6.04	75.91 2.77 -7.28	61.56 2.20 0.00	47.54 1.70 0.00	43.53 1.47 0.00	39.45 1.30 0.00	35.25 0.99 0.00
V_F_30_SYNC_DSASP 323786	41.65 0.41 0.00	38.36 0.38 0.00	35.11 0.35 0.00	35.14 0.38 0.00	35.50 0.35 0.00	38.34 0.45 0.00	50.00 0.54 0.00	60.14 0.77 0.00	58.34 1.03 0.00	50.05 0.79 0.00	46.06 0.90 0.00	44.02 0.69 0.00	42.20 0.75 0.00	41.51 0.77 0.00	39.08 0.80 -0.03	40.70 0.88 0.00	44.79 0.84 0.00	64.21 1.50 -2.90	70.68 1.32 -3.50	60.08 0.71 0.00	46.44 0.60 0.00	42.56 0.50 0.00	38.61 0.46 0.00	34.63 0.38 0.00
V_XM_10_SYNC_DSASP 323789	42.89 1.65 0.00	39.73 1.75 0.00	36.29 1.53 0.00	36.08 1.32 0.00	36.55 1.41 0.00	39.70 1.82 0.00	52.23 2.77 0.00	62.63 3.26 0.00	60.17 2.86 0.00	51.67 2.41 0.00	47.10 1.94 0.00	44.97 1.65 0.00	42.40 0.95 0.00	41.26 0.53 0.00	38.28 0.04 0.00	39.51 -0.32 0.00	43.47 -0.48 0.00	59.82 0.00 0.00	66.78 0.92 0.00	60.85 1.48 0.00	46.94 1.10 0.00	42.81 0.76 0.00	38.69 0.53 0.00	34.94 0.68 0.00
W.BABYLN_69_KV_BK1 56697	42.20 2.27 1.30	38.85 1.97 1.10	35.72 1.77 0.82	34.70 1.70 1.77	36.14 1.86 0.86	38.83 2.01 1.06	45.90 1.63 5.19	48.43 2.26 13.20	49.27 2.29 10.33	48.07 2.32 3.51	47.67 2.53 0.02	45.92 2.60 0.00	44.35 2.90 0.00	43.58 2.85 0.00	41.83 3.48 -0.11	42.85 3.03 0.00	46.45 2.51 0.01	63.10 3.65 0.37	68.17 3.10 0.79	60.14 1.96 1.18	45.86 1.10 1.08	42.21 1.56 1.40	38.94 1.64 0.86	34.73 1.20 0.72
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.26 2.02 0.00	39.88 1.90 0.00	36.39 1.63 0.00	36.46 1.70 0.00	36.90 1.76 0.00	39.78 1.89 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.23 2.92 0.00	52.12 2.86 0.00	47.82 2.66 0.00	46.01 2.69 0.00	44.35 2.90 0.00	43.62 2.89 0.00	41.26 2.87 -0.14	42.77 2.95 0.00	46.77 2.81 0.00	64.44 3.83 -0.79	70.31 3.49 -0.95	61.92 2.55 0.00	47.77 1.93 0.00	44.03 1.98 0.00	39.95 1.79 0.00	35.66 1.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.38 2.14 0.00	39.99 2.01 0.00	36.50 1.74 0.00	36.53 1.77 0.00	36.97 1.83 0.00	39.89 2.01 0.00	51.63 2.18 0.00	62.28 2.91 0.00	60.40 3.09 0.00	52.26 3.00 0.00	48.05 2.89 0.00	46.23 2.90 0.00	44.60 3.15 0.00	43.91 3.18 0.00	41.57 3.21 -0.11	43.05 3.23 0.00	46.94 2.99 0.00	64.64 3.95 -0.87	70.40 3.49 -1.05	61.86 2.49 0.00	47.72 1.88 0.00	44.12 2.06 0.00	40.10 1.95 0.00	35.73 1.47 0.00
W50THST__13_KV_LOAD 356117	43.63 2.39 0.00	40.14 2.16 0.00	36.64 1.88 0.00	36.67 1.91 0.00	37.15 2.00 0.00	40.04 2.16 0.00	51.88 2.42 0.00	62.63 3.27 0.00	60.74 3.44 0.00	52.56 3.30 0.00	48.32 3.16 0.00	46.53 3.21 0.00	44.89 3.44 0.00	44.15 3.42 0.00	41.80 3.44 -0.11	43.29 3.46 0.00	47.21 3.25 0.00	64.99 4.31 -0.87	70.79 3.89 -1.05	62.16 2.79 0.00	47.95 2.11 0.00	44.29 2.23 0.00	40.25 2.10 0.00	35.86 1.61 0.00
WADING RIVER_IC_1 23522	26.66 0.87 15.45	25.78 0.87 13.08	25.74 0.66 9.67	14.57 0.73 20.92	25.77 0.84 10.22	26.20 0.91 12.59	25.70 0.15 23.91	31.54 0.47 28.30	42.64 0.51 15.18	44.82 0.69 5.13	45.80 0.77 0.12	44.36 1.04 0.00	42.94 1.49 0.00	42.08 1.39 0.04	40.61 2.26 -0.11	41.70 1.87 0.00	45.00 1.05 0.01	48.03 1.43 13.22	46.65 0.59 19.80	45.80 -0.18 13.39	44.09 -0.37 1.38	26.40 0.25 15.91	28.58 0.53 10.11	26.00 0.24 8.49
WADING RIVER_IC_2 23547	26.66 0.87 15.45	25.78 0.87 13.08	25.74 0.66 9.67	14.57 0.73 20.92	25.77 0.84 10.22	26.20 0.91 12.59	25.70 0.15 23.91	31.54 0.47 28.30	42.64 0.51 15.18	44.82 0.69 5.13	45.80 0.77 0.12	44.36 1.04 0.00	42.94 1.49 0.00	42.08 1.39 0.04	40.61 2.26 -0.11	41.70 1.87 0.00	45.00 1.05 0.01	48.03 1.43 13.22	46.65 0.59 19.80	45.80 -0.18 13.39	44.09 -0.37 1.38	26.40 0.25 15.91	28.58 0.53 10.11	26.00 0.24 8.49
WADING RIVER_IC_3 23601	26.66 0.87 15.45	25.78 0.87 13.08	25.74 0.66 9.67	14.57 0.73 20.92	25.77 0.84 10.22	26.20 0.91 12.59	25.70 0.15 23.91	31.54 0.47 28.30	42.64 0.51 15.18	44.82 0.69 5.13	45.80 0.77 0.12	44.36 1.04 0.00	42.94 1.49 0.00	42.08 1.39 0.04	40.61 2.26 -0.11	41.70 1.87 0.00	45.00 1.05 0.01	48.03 1.43 13.22	46.65 0.59 19.80	45.80 -0.18 13.39	44.09 -0.37 1.38	26.40 0.25 15.91	28.58 0.53 10.11	26.00 0.24 8.49
WALDENNY_12_KV_BK2 80841	40.46 -0.78 0.00	37.07 -0.91 0.00	34.06 -0.70 0.00	34.00 -0.76 0.00	34.23 -0.91 0.00	36.10 -1.78 0.00	47.18 -2.28 0.00	54.98 -4.39 0.00	52.03 -5.27 0.00	45.17 -4.09 0.00	41.55 -3.61 0.00	40.38 -2.95 0.00	38.67 -2.78 0.00	38.17 -2.57 0.00	36.05 -2.18 0.02	37.40 -2.43 0.00	41.76 -2.20 0.00	55.09 -4.73 0.00	61.98 -3.89 0.00	57.11 -2.26 0.00	44.33 -1.51 0.00	40.33 -1.72 0.00	37.28 -0.88 0.00	34.63 0.38 0.00
WALDEN___HYDRO 24148	43.18 1.94 0.00	39.77 1.79 0.00	36.32 1.56 0.00	36.39 1.63 0.00	36.83 1.69 0.00	39.70 1.82 0.00	51.63 2.18 0.00	62.22 2.85 0.00	60.17 2.87 0.00	51.97 2.71 0.00	47.60 2.44 0.00	45.79 2.47 0.00	44.14 2.69 0.00	43.38 2.65 0.00	40.98 2.60 -0.13	42.53 2.71 0.00	46.59 2.64 0.00	63.99 3.59 -0.58	69.92 3.36 -0.70	61.86 2.49 0.00	47.68 1.83 0.00	43.91 1.85 0.00	39.83 1.68 0.00	35.52 1.27 0.00
WARRENSBURG____ 23737	42.35 1.11 0.00	38.97 0.99 0.00	35.63 0.87 0.00	35.70 0.94 0.00	36.13 0.98 0.00	39.13 1.25 0.00	51.39 1.93 0.00	61.63 2.26 0.00	59.60 2.29 0.00	50.69 1.43 0.00	46.42 1.26 0.00	44.15 0.82 0.00	42.11 0.66 0.00	41.30 0.57 0.00	38.81 0.54 -0.02	40.50 0.68 0.00	44.88 0.92 0.00	67.23 1.91 -5.50	74.80 2.31 -6.64	61.15 1.78 0.00	47.17 1.33 0.00	43.11 1.05 0.00	39.00 0.84 0.00	34.77 0.51 0.00
WATERSIDE___6 8 9 23538	43.51 2.27 0.00	40.19 2.20 -0.01	36.68 1.91 -0.01	36.71 1.95 -0.01	37.15 2.00 -0.01	40.01 2.12 0.00	51.44 1.98 0.00	62.04 2.67 0.00	60.23 2.92 0.00	52.17 2.91 0.00	47.96 2.80 0.00	46.27 2.95 0.00	44.68 3.23 0.00	43.99 3.26 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	46.94 2.99 0.00	64.40 3.71 -0.87	70.07 3.16 -1.05	61.50 2.14 0.00	47.54 1.70 0.00	44.20 2.14 0.00	40.30 2.14 -0.01	35.94 1.68 -0.01
WATKINRD_115KV_LN8_ILLION 55919	41.94 0.70 0.00	38.63 0.65 0.00	35.35 0.59 0.00	35.35 0.59 0.00	35.74 0.60 0.00	38.57 0.68 0.00	50.45 0.99 0.00	60.62 1.25 0.00	58.51 1.20 0.00	50.24 0.99 0.00	46.02 0.86 0.00	44.10 0.78 0.00	42.15 0.70 0.00	41.38 0.65 0.00	38.82 0.57 0.00	40.46 0.64 0.00	44.70 0.75 0.00	60.84 1.02 0.00	67.05 1.19 0.00	60.49 1.13 0.00	46.71 0.87 0.00	42.86 0.80 0.00	38.92 0.76 0.00	34.94 0.69 0.00

WDELAWARE___HYD 323627	43.22 1.98 0.00	39.77 1.79 0.00	36.33 1.57 0.00	36.36 1.60 0.00	36.80 1.65 0.00	39.74 1.86 0.00	51.69 2.23 0.00	62.22 2.85 0.00	60.11 2.81 0.00	51.72 2.46 0.00	47.28 2.12 0.00	45.49 2.17 0.00	43.81 2.36 0.00	43.05 2.32 0.00	40.54 2.29 0.00	42.26 2.43 0.00	46.41 2.46 0.00	63.05 3.23 0.00	69.02 3.16 0.00	61.80 2.43 0.00	47.63 1.79 0.00	43.90 1.85 0.00	39.76 1.60 0.00	35.45 1.20 0.00
WEST BABYLON___IC 23714	42.20 2.27 1.30	38.85 1.97 1.10	35.72 1.77 0.82	34.70 1.70 1.77	36.14 1.86 0.86	38.83 2.01 1.06	45.90 1.63 5.19	48.43 2.26 13.20	49.27 2.29 10.33	48.07 2.32 3.51	47.67 2.53 0.02	45.92 2.60 0.00	44.35 2.90 0.00	43.58 2.85 0.00	41.83 3.48 -0.11	42.85 3.03 0.00	46.45 2.51 0.01	63.10 3.65 0.37	68.17 3.10 0.79	60.14 1.96 1.18	45.86 1.10 1.08	42.21 1.56 1.40	38.94 1.64 0.86	34.73 1.20 0.72
WEST CANADA___HYD 24049	41.32 0.08 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.86 0.10 0.00	35.25 0.11 0.00	38.00 0.11 0.00	49.61 0.15 0.00	59.55 0.18 0.00	57.54 0.23 0.00	49.41 0.15 0.00	45.30 0.14 0.00	43.46 0.13 0.00	41.58 0.12 0.00	40.90 0.16 0.00	38.40 0.15 0.00	40.03 0.20 0.00	44.13 0.18 0.00	60.12 0.30 0.00	66.06 0.20 0.00	59.49 0.12 0.00	45.94 0.09 0.00	42.18 0.13 0.00	38.27 0.11 0.00	34.32 0.07 0.00
WESTERN_NY_WIND 24143	41.28 0.04 0.00	37.83 -0.15 0.00	34.69 -0.07 0.00	34.62 -0.14 0.00	34.90 -0.25 0.00	36.78 -1.10 0.00	48.27 -1.19 0.00	56.58 -2.79 0.00	53.70 -3.61 0.00	46.35 -2.91 0.00	42.45 -2.71 0.00	41.16 -2.17 0.00	39.34 -2.11 0.00	38.82 -1.91 0.00	36.59 -1.64 0.02	37.99 -1.83 0.00	42.42 -1.54 0.00	56.35 -3.47 0.00	63.56 -2.31 0.00	58.65 -0.71 0.00	45.20 -0.64 0.00	41.38 -0.67 0.00	38.04 -0.11 0.00	35.04 0.79 0.00
WESTOVER___LESR 323668	41.32 0.08 0.00	38.06 0.08 0.00	34.83 0.07 0.00	34.86 0.10 0.00	35.21 0.07 0.00	37.85 -0.04 0.00	49.41 -0.05 0.00	59.01 -0.36 0.00	56.56 -0.74 0.00	48.77 -0.49 0.00	44.62 -0.54 0.00	42.93 -0.39 0.00	41.12 -0.33 0.00	40.45 -0.29 0.00	38.02 -0.19 0.03	39.67 -0.16 0.00	43.91 -0.04 0.00	59.46 -0.36 0.00	65.80 -0.07 0.00	59.60 0.24 0.00	45.98 0.14 0.00	42.10 0.04 0.00	38.27 0.11 0.00	34.63 0.38 0.00
WETHRSFD_WT_PWR 323626	40.04 -1.20 0.00	36.76 -1.22 0.00	33.68 -1.08 0.00	33.79 -0.97 0.00	33.99 -1.16 0.00	36.03 -1.86 0.00	46.69 -2.77 0.00	54.98 -4.39 0.00	52.03 -5.27 0.00	44.78 -4.48 0.00	41.14 -4.02 0.00	39.90 -3.42 0.00	38.09 -3.36 0.00	37.72 -3.01 0.00	35.51 -2.71 0.02	36.88 -2.95 0.00	40.75 -3.21 0.00	54.92 -4.90 0.00	61.84 -4.02 0.00	56.99 -2.38 0.00	44.24 -1.61 0.00	40.50 -1.56 0.00	37.28 -0.88 0.00	34.36 0.10 0.00
WHAVSTOR_138KV_BK127 55557	43.05 1.81 0.00	39.69 1.71 0.00	36.25 1.49 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.70 0.00	51.39 1.93 0.00	61.92 2.55 0.00	59.88 2.58 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.79 2.47 0.00	44.14 2.69 0.00	43.42 2.69 0.00	41.10 2.72 -0.14	42.61 2.79 0.00	46.55 2.59 0.00	64.14 3.53 -0.79	69.92 3.10 -0.96	61.56 2.20 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.52 1.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.05 1.81 0.00	39.69 1.71 0.00	36.25 1.49 0.00	36.29 1.53 0.00	36.73 1.58 0.00	39.59 1.70 0.00	51.39 1.93 0.00	61.92 2.55 0.00	59.88 2.58 0.00	51.82 2.56 0.00	47.60 2.44 0.00	45.79 2.47 0.00	44.14 2.69 0.00	43.42 2.69 0.00	41.10 2.72 -0.14	42.61 2.79 0.00	46.55 2.59 0.00	64.14 3.53 -0.79	69.92 3.10 -0.96	61.56 2.20 0.00	47.49 1.65 0.00	43.82 1.77 0.00	39.80 1.64 0.00	35.52 1.27 0.00
WHITEHAL_115KV_TB1 80871	43.09 1.86 0.00	39.65 1.67 0.00	36.25 1.49 0.00	36.25 1.49 0.00	36.69 1.55 0.00	39.82 1.93 0.00	52.38 2.92 0.00	62.81 3.44 0.00	60.63 3.32 0.00	51.33 2.07 0.00	46.97 1.81 0.00	44.58 1.26 0.00	42.45 0.99 0.00	41.63 0.90 0.00	39.11 0.84 -0.03	40.90 1.08 0.00	45.36 1.41 0.00	68.29 2.75 -5.72	76.19 3.42 -6.90	62.22 2.85 0.00	48.00 2.15 0.00	43.78 1.72 0.00	39.57 1.41 0.00	35.25 0.99 0.00
WHITEPLN_13_KV_LOAD 356215	43.59 2.35 0.00	40.22 2.24 0.00	36.71 1.95 0.00	36.74 1.98 0.00	37.18 2.04 0.00	40.08 2.20 0.00	52.28 2.82 0.00	62.93 3.56 0.00	61.03 3.72 0.00	52.76 3.50 0.00	48.50 3.34 0.00	46.49 3.16 0.00	44.81 3.36 0.00	44.07 3.34 0.00	41.68 3.33 -0.11	43.17 3.35 0.00	47.16 3.21 0.00	65.11 4.43 -0.86	70.92 4.02 -1.04	62.28 2.91 0.00	48.00 2.15 0.00	44.29 2.23 0.00	40.22 2.06 0.00	35.83 1.58 0.00
WM_FLOYD_69_KV_BK2 356380	27.33 1.32 15.23	26.22 1.14 12.90	26.26 1.04 9.54	15.10 0.97 20.63	26.16 1.09 10.08	26.68 1.21 12.42	26.17 0.35 23.63	32.02 0.71 28.07	43.18 0.97 15.10	45.29 1.13 5.10	46.26 1.22 0.12	44.75 1.43 0.00	43.27 1.82 0.00	42.40 1.71 0.04	40.92 2.56 -0.11	41.90 2.07 0.00	45.22 1.27 0.01	48.76 1.97 13.04	47.59 1.25 19.52	46.46 0.30 13.21	44.51 0.05 1.38	26.86 0.50 15.70	29.03 0.84 9.97	26.36 0.48 8.37
WOODARD___115KV_TB2 355635	40.70 -0.54 0.00	37.45 -0.53 0.00	34.27 -0.49 0.00	34.27 -0.49 0.00	34.65 -0.49 0.00	37.39 -0.49 0.00	48.82 -0.64 0.00	58.54 -0.83 0.00	56.45 -0.86 0.00	48.57 -0.69 0.00	44.48 -0.68 0.00	42.67 -0.65 0.00	40.79 -0.66 0.00	40.08 -0.65 0.00	37.63 -0.61 0.00	39.23 -0.60 0.00	43.43 -0.53 0.00	58.92 -0.90 0.00	65.14 -0.72 0.00	58.83 -0.53 0.00	45.34 -0.50 0.00	41.55 -0.50 0.00	37.74 -0.42 0.00	33.88 -0.38 0.00
WOODMERE_69_KV_BK1 55827	43.30 2.06 0.00	39.84 1.86 0.00	36.46 1.70 0.00	36.43 1.67 0.00	36.90 1.76 0.00	39.74 1.86 0.00	50.83 1.78 0.40	60.36 2.37 1.39	58.78 2.64 1.16	51.47 2.61 0.40	48.00 2.85 0.01	46.27 2.95 0.00	44.64 3.19 0.00	43.83 3.10 0.00	41.83 3.48 -0.11	43.05 3.23 0.00	46.76 2.81 0.01	64.51 3.83 -0.86	70.13 3.23 -1.04	61.62 2.26 0.01	47.36 1.65 0.13	43.82 1.77 0.01	39.71 1.56 0.01	35.38 1.13 0.01
YORK___WARBASSE 23770	43.63 2.39 0.00	40.30 2.32 -0.01	36.82 2.05 -0.01	36.85 2.09 -0.01	37.30 2.14 -0.01	40.12 2.24 0.00	51.39 1.93 0.00	61.92 2.55 0.00	60.11 2.81 0.00	52.07 2.81 0.00	47.87 2.71 0.00	46.14 2.82 0.00	44.60 3.15 0.00	43.95 3.22 0.00	41.64 3.29 -0.11	43.17 3.35 0.00	46.86 2.90 0.00	64.28 3.59 -0.87	69.94 3.03 -1.05	61.39 2.02 0.00	47.40 1.56 0.00	44.33 2.27 0.00	40.49 2.33 -0.01	36.11 1.85 -0.01